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**Department of Defense
Fiscal Year (FY) 2013 President's Budget Submission**

February 2012



Navy

Justification Book Volume 2

Aircraft Procurement, Navy

Budget Activity 5

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Navy • President's Budget Submission FY 2013 • Procurement

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Department of Defense Appropriations Act, 2013

Aircraft Procurement, Navy

For construction, procurement, production, modification, and modernization of aircraft, equipment, including ordnance, spare parts, and accessories therefore; specialized equipment; expansion of public and private plants, including the land necessary therefore, and such lands and interests therein, may be acquired, and construction prosecuted thereon prior to approval of title; and procurement and installation of equipment, appliances, and machine tools in public and private plants; reserve plant and Government and contractor-owned equipment layaway, \$17,129,296,000, to remain available for obligation until September 30, 2015.

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Department of the Navy
 FY 2013 President's Budget
 Exhibit P-1 FY 2013 President's Budget
 Total Obligational Authority
 (Dollars in Thousands)

18 Jan 2012

Appropriation -----	FY 2011 Actuals -----	FY 2012 Base -----	FY 2012 OCO -----	FY 2012 Total -----
Aircraft Procurement, Navy	17,242,298	17,675,734	480,935	18,156,669
Total Department of the Navy	17,242,298	17,675,734	480,935	18,156,669

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Department of the Navy
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18 Jan 2012

Appropriation -----	FY 2013 Base -----	FY 2013 OCO -----	FY 2013 Total -----
Aircraft Procurement, Navy	17,129,296	164,582	17,293,878
Total Department of the Navy	17,129,296	164,582	17,293,878

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Department of the Navy
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18 Jan 2012

Appropriation: Aircraft Procurement, Navy

Budget Activity -----	FY 2011 Actuals -----	FY 2012 Base -----	FY 2012 OCO -----	FY 2012 Total -----
01. Combat Aircraft	13,495,112	13,875,877	24,875	13,900,752
02. Airlift Aircraft	73,717			
03. Trainer Aircraft	26,100	256,906		256,906
04. Other Aircraft	86,932	279,274		279,274
05. Modification of Aircraft	1,806,413	1,653,802	406,698	2,060,500
06. Aircraft Spares and Repair Parts	1,335,506	1,163,294	34,462	1,197,756
07. Aircraft Support Equip & Facilities	418,518	446,581	14,900	461,481
Total Aircraft Procurement, Navy	17,242,298	17,675,734	480,935	18,156,669

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18 Jan 2012

Appropriation: Aircraft Procurement, Navy

Budget Activity -----	FY 2013 Base -----	FY 2013 OCO -----	FY 2013 Total -----
01. Combat Aircraft	12,952,473	29,800	12,982,273
02. Airlift Aircraft			
03. Trainer Aircraft	278,884		278,884
04. Other Aircraft	211,285		211,285
05. Modification of Aircraft	2,028,762	132,402	2,161,164
06. Aircraft Spares and Repair Parts	1,166,430		1,166,430
07. Aircraft Support Equip & Facilities	491,462	2,380	493,842
Total Aircraft Procurement, Navy	17,129,296	164,582	17,293,878

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18 Jan 2012

Appropriation: 1506N Aircraft Procurement, Navy

Line No	Item Nomenclature	Ident Code	FY 2011 Actuals		FY 2012 Base		FY 2012 OCO		FY 2012 Total		S e c
			Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	
Budget Activity 01: Combat Aircraft											

Combat Aircraft											
1	EA-18G	B	12	(975,758)	12	(1,038,462)			12	(1,038,462)	U
	Less: Advance Procurement (PY)			(-20,496)		(-43,866)				(-43,866)	U
				-----		-----		-----		-----	
				955,262		994,596				994,596	
2	EA-18G			43,866		28,119				28,119	U
	Advance Procurement (CY)										
3	F/A-18E/F (Fighter) Hornet	A	31	(2,222,645)	28	(2,242,466)			28	(2,242,466)	U
	Less: Advance Procurement (PY)			(-53,162)		(-2,282)				(-2,282)	U
				-----		-----		-----		-----	
				2,169,483		2,240,184				2,240,184	
4	F/A-18E/F (Fighter) Hornet			2,282		63,262				63,262	U
	Advance Procurement (CY)										
5	Joint Strike Fighter CV	A	7	(2,123,111)	7	(1,657,381)			7	(1,657,381)	U
	Less: Advance Procurement (PY)			(-479,506)		(-209,285)				(-209,285)	U
				-----		-----		-----		-----	
				1,643,605		1,448,096				1,448,096	
6	Joint Strike Fighter CV			209,285		109,066				109,066	U
	Advance Procurement (CY)										
7	JSF STOVL		3	(553,521)	6	(1,426,616)			6	(1,426,616)	U
	Less: Advance Procurement (PY)					(-284,683)				(-284,683)	U
				-----		-----		-----		-----	
				553,521		1,141,933				1,141,933	
8	JSF STOVL			284,683		117,229				117,229	U
	Advance Procurement (CY)										

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18 Jan 2012

Appropriation: 1506N Aircraft Procurement, Navy

Line No	Item Nomenclature	Ident Code	FY 2013 Base		FY 2013 OCO		FY 2013 Total		S e c
			Quantity	Cost	Quantity	Cost	Quantity	Cost	
Budget Activity 01: Combat Aircraft									

Combat Aircraft									
1	EA-18G	B	12	(1,055,562)			12	(1,055,562)	U
	Less: Advance Procurement (PY)			(-28,119)				(-28,119)	U
				-----		-----		-----	
				1,027,443				1,027,443	
2	EA-18G								U
	Advance Procurement (CY)								
3	F/A-18E/F (Fighter) Hornet	A	26	(2,098,393)			26	(2,098,393)	U
	Less: Advance Procurement (PY)			(-63,262)				(-63,262)	U
				-----		-----		-----	
				2,035,131				2,035,131	
4	F/A-18E/F (Fighter) Hornet								U
	Advance Procurement (CY)			30,296				30,296	
5	Joint Strike Fighter CV	A	4	(1,116,698)			4	(1,116,698)	U
	Less: Advance Procurement (PY)			(-109,066)				(-109,066)	U
				-----		-----		-----	
				1,007,632				1,007,632	
6	Joint Strike Fighter CV								U
	Advance Procurement (CY)			65,180				65,180	
7	JSF STOVL		6	(1,521,966)			6	(1,521,966)	U
	Less: Advance Procurement (PY)			(-117,229)				(-117,229)	U
				-----		-----		-----	
				1,404,737				1,404,737	
8	JSF STOVL								U
	Advance Procurement (CY)			106,199				106,199	

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Appropriation: 1506N Aircraft Procurement, Navy

Line No	Item Nomenclature	Ident Code	FY 2011 Actuals		FY 2012 Base		FY 2012 OCO		FY 2012 Total		S e c
			Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	
9	V-22 (Medium Lift)		30	(2,256,103)	30	(2,342,393)			30	(2,342,393)	U
	Less: Advance Procurement (PY)			(-146,592)		(-140,276)				(-140,276)	U
				2,109,511		2,202,117				2,202,117	
10	V-22 (Medium Lift)			81,407		63,768				63,768	U
	Advance Procurement (CY)										
11	H-1 Upgrades (UH-1Y/AH-1Z)	A	31	(873,404)	25	(710,786)	1	(24,875)	26	(735,661)	U
	Less: Advance Procurement (PY)			(-50,394)		(-58,225)				(-58,225)	U
				823,010		652,561		24,875		677,436	
12	H-1 Upgrades (UH-1Y/AH-1Z)			58,225		56,750				56,750	U
	Advance Procurement (CY)										
13	MH-60S (MYP)	A	18	(551,221)	18	(467,327)			18	(467,327)	U
	Less: Advance Procurement (PY)			(-86,164)		(-66,706)				(-66,706)	U
				465,057		400,621				400,621	
14	MH-60S (MYP)			66,706		74,040				74,040	U
	Advance Procurement (CY)										
15	MH-60R (MYP)	A	24	(1,027,044)	24	(903,794)			24	(903,794)	U
	Less: Advance Procurement (PY)			(-134,227)		(-128,269)				(-128,269)	U
				892,817		775,525				775,525	
16	MH-60R (MYP)			128,269		209,431				209,431	U
	Advance Procurement (CY)										
17	P-8A Poseidon	A	7	(1,882,214)	11	(2,175,660)			11	(2,175,660)	U
	Less: Advance Procurement (PY)			(-145,895)		(-166,809)				(-166,809)	U
				1,736,319		2,008,851				2,008,851	
18	P-8A Poseidon			166,809		244,894				244,894	U
	Advance Procurement (CY)										

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Line No	Item Nomenclature	Ident Code	FY 2013 Base		FY 2013 OCO		FY 2013 Total		S e c
			Quantity	Cost	Quantity	Cost	Quantity	Cost	
9	V-22 (Medium Lift)		17	(1,366,888)			17	(1,366,888)	U
	Less: Advance Procurement (PY)			(-63,768)				(-63,768)	U
				1,303,120				1,303,120	
10	V-22 (Medium Lift)			154,202				154,202	U
	Advance Procurement (CY)								
11	H-1 Upgrades (UH-1Y/AH-1Z)	A	27	(777,683)	1	(29,800)	28	(807,483)	U
	Less: Advance Procurement (PY)			(-56,750)				(-56,750)	U
				720,933		29,800		750,733	
12	H-1 Upgrades (UH-1Y/AH-1Z)			69,658				69,658	U
	Advance Procurement (CY)								
13	MH-60S (MYP)	A	18	(449,894)			18	(449,894)	U
	Less: Advance Procurement (PY)			(-65,102)				(-65,102)	U
				384,792				384,792	
14	MH-60S (MYP)			69,277				69,277	U
	Advance Procurement (CY)								
15	MH-60R (MYP)	A	19	(786,785)			19	(786,785)	U
	Less: Advance Procurement (PY)			(-129,919)				(-129,919)	U
				656,866				656,866	
16	MH-60R (MYP)			185,896				185,896	U
	Advance Procurement (CY)								
17	P-8A Poseidon	A	13	(2,665,649)			13	(2,665,649)	U
	Less: Advance Procurement (PY)			(-244,894)				(-244,894)	U
				2,420,755				2,420,755	
18	P-8A Poseidon			325,679				325,679	U
	Advance Procurement (CY)								

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Line No	Item Nomenclature	Ident Code	FY 2011 Actuals		FY 2012 Base		FY 2012 OCO		FY 2012 Total		S e c
			Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	
19	E-2D Adv Hawkeye	A	5	(1,081,683)	5	(1,004,833)			5	(1,004,833)	U
	Less: Advance Procurement (PY)			(-94,629)		(-117,941)				(-117,941)	U
				987,054		886,892				886,892	
20	E-2D Adv Hawkeye			117,941		157,942				157,942	U
	Advance Procurement (CY)										
Total Combat Aircraft				13,495,112		13,875,877		24,875		13,900,752	
Budget Activity 02: Airlift Aircraft											
Airlift Aircraft											
21	C-40A	A	1	73,717							U
Total Airlift Aircraft				73,717							
Budget Activity 03: Trainer Aircraft											
Trainer Aircraft											
22	JPATS	A		26,100	36	256,906			36	256,906	U
Total Trainer Aircraft				26,100		256,906				256,906	
Budget Activity 04: Other Aircraft											
Other Aircraft											
23	KC-130J	A		(33,832)	1	(87,288)			1	(87,288)	U
	Less: Advance Procurement (PY)			(-33,832)							U
						87,288				87,288	
24	KC-130J										U
	Advance Procurement (CY)										

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			Quantity	Cost	Quantity	Cost	Quantity	Cost	
19	E-2D Adv Hawkeye	A	5	(1,019,440)			5	(1,019,440)	U
	Less: Advance Procurement (PY)			(-157,942)				(-157,942)	U
				861,498				861,498	
20	E-2D Adv Hawkeye			123,179				123,179	U
	Advance Procurement (CY)								
Total Combat Aircraft				12,952,473		29,800		12,982,273	
Budget Activity 02: Airlift Aircraft									
Airlift Aircraft									
21	C-40A	A							U
Total Airlift Aircraft									
Budget Activity 03: Trainer Aircraft									
Trainer Aircraft									
22	JPATS	A	33	278,884			33	278,884	U
Total Trainer Aircraft				278,884				278,884	
Budget Activity 04: Other Aircraft									
Other Aircraft									
23	KC-130J	A		(3,000)				(3,000)	U
	Less: Advance Procurement (PY)								U
				3,000				3,000	
24	KC-130J			22,995				22,995	U
	Advance Procurement (CY)								

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			Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	
25	RQ-4 UAV Advance Procurement (CY)										U
26	MQ-8 UAV	B	3	58,732	12	191,986			12	191,986	U
27	STUASL0 UAV		60	28,200							U
Total Other Aircraft				86,932		279,274				279,274	
Budget Activity 05: Modification of Aircraft											
Modification Of Aircraft											
28	EA-6 Series	A		12,634		27,734				27,734	U
29	AEA Systems			29,601		31,765		45,600		77,365	U
30	AV-8 Series	A		84,505		29,162		53,485		82,647	U
31	Adversary	A									U
32	F-18 Series	A		482,020		425,167		46,992		472,159	U
33	H-46 Series	A		17,445		24,612				24,612	U
34	AH-1W Series	A		55,399		15,828		37,918		53,746	U
35	H-53 Series	A		59,945		60,320		63,747		124,067	U
36	SH-60 Series	A		83,655		83,394				83,394	U
37	H-1 Series	A		5,377		8,412				8,412	U
38	EP-3 Series	A		85,907		73,681		20,800		94,481	U
39	P-3 Series	A		191,662		170,466				170,466	U
40	E-2 Series	A		66,557		29,215				29,215	U
41	Trainer A/C Series	A		19,462		18,790				18,790	U

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Line No	Item Nomenclature	Ident Code	FY 2013 Base		FY 2013 OCO		FY 2013 Total		S e c
			Quantity	Cost	Quantity	Cost	Quantity	Cost	
25	RQ-4 UAV Advance Procurement (CY)			51,124			51,124		U
26	MQ-8 UAV	B	6	124,573			6	124,573	U
27	STUASL0 UAV		5	9,593			5	9,593	U
Total Other Aircraft				211,285				211,285	

Budget Activity 05: Modification of Aircraft

Modification Of Aircraft

28	EA-6 Series	A		30,062				30,062	U
29	AEA Systems			49,999				49,999	U
30	AV-8 Series	A		38,703		42,238		80,941	U
31	Adversary	A		4,289				4,289	U
32	F-18 Series	A		647,306		41,243		688,549	U
33	H-46 Series	A		2,343				2,343	U
34	AH-1W Series	A		8,721				8,721	U
35	H-53 Series	A		45,567		15,870		61,437	U
36	SH-60 Series	A		83,527				83,527	U
37	H-1 Series	A		6,508				6,508	U
38	EP-3 Series	A		66,374		13,030		79,404	U
39	P-3 Series	A		148,405				148,405	U
40	E-2 Series	A		16,322				16,322	U
41	Trainer A/C Series	A		34,284				34,284	U

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Line No	Item Nomenclature	Ident Code	FY 2011 Actuals		FY 2012 Base		FY 2012 OCO		FY 2012 Total		S e c
			Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	
42	C-2A	A		15,912		16,302				16,302	U
43	C-130 Series	A		17,672		27,139		44,225		71,364	U
44	FEWSG	A		16,601		1,773				1,773	U
45	Cargo/Transport A/C Series	A		16,000		16,463		18,280		34,743	U
46	E-6 Series	A		128,895		148,053				148,053	U
47	Executive Helicopters Series	A		43,195		77,511				77,511	U
48	Special Project Aircraft	A		20,695		11,048		11,184		22,232	U
49	T-45 Series	A		50,303		45,179				45,179	U
50	Power Plant Changes	A		22,950		21,847				21,847	U
51	JPATS Series	A		1,821		524				524	U
52	Aviation Life Support Mods	A		2,967		1,069				1,069	U
53	Common ECM Equipment	A		52,842		63,772		24,200		87,972	U
54	Common Avionics Changes	A		93,464		136,293		11,467		147,760	U
55	Common Defensive Weapon System	A		10,500				3,300		3,300	U
56	ID Systems	A		20,280		32,030				32,030	U
57	P-8 Series										U
58	MAGTF EW for Aviation	A		2,600		489				489	U
59	RQ-7 Series			26,017							U
60	V-22 (Tilt/Rotor ACFT) Osprey	B		69,530		55,764		25,500		81,264	U
Total Modification of Aircraft				1,806,413		1,653,802		406,698		2,060,500	

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			Quantity	Cost	Quantity	Cost	Quantity	Cost	
42	C-2A	A		4,743			4,743		U
43	C-130 Series	A		60,302		16,737	77,039		U
44	FEWSG	A		670			670		U
45	Cargo/Transport A/C Series	A		26,311			26,311		U
46	E-6 Series	A		158,332			158,332		U
47	Executive Helicopters Series	A		58,163			58,163		U
48	Special Project Aircraft	A		12,421		2,714	15,135		U
49	T-45 Series	A		64,488			64,488		U
50	Power Plant Changes	A		21,569			21,569		U
51	JPATS Series	A		1,552			1,552		U
52	Aviation Life Support Mods	A		2,473			2,473		U
53	Common ECM Equipment	A		114,690			114,690		U
54	Common Avionics Changes	A		96,183		570	96,753		U
55	Common Defensive Weapon System	A							U
56	ID Systems	A		39,846			39,846		U
57	P-8 Series			5,302			5,302		U
58	MAGTF EW for Aviation	A		34,127			34,127		U
59	RQ-7 Series			49,324			49,324		U
60	V-22 (Tilt/Rotor ACFT) Osprey	B		95,856			95,856		U
Total Modification of Aircraft				2,028,762		132,402	2,161,164		

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			Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	
Budget Activity 06: Aircraft Spares and Repair Parts											

Aircraft Spares And Repair Parts											
61	Spares And Repair Parts	A	1,335,506		1,163,294		34,462		1,197,756		U
Total Aircraft Spares and Repair Parts			1,335,506		1,163,294		34,462		1,197,756		
Budget Activity 07: Aircraft Support Equip & Facilities											

Aircraft Support Equip & Facilities											
62	Common Ground Equipment	A	320,222		363,685		10,800		374,485		U
63	Aircraft Industrial Facilities	A	17,895		22,358				22,358		U
64	War Consumables	A	25,104		27,300				27,300		U
65	Other Production Charges	A	7,536		10,124		4,100		14,224		U
66	Special Support Equipment	A	45,653		21,395				21,395		U
67	First Destination Transportation	A	2,090		1,719				1,719		U
68	Cancelled Account Adjustments	A	18								U
Total Aircraft Support Equip & Facilities			418,518		446,581		14,900		461,481		
Total Aircraft Procurement, Navy			17,242,298		17,675,734		480,935		18,156,669		

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Department of the Navy
 FY 2013 President's Budget
 Exhibit P-1 FY 2013 President's Budget
 Total Obligational Authority
 (Dollars in Thousands)

18 Jan 2012

Appropriation: 1506N Aircraft Procurement, Navy

Line No	Item Nomenclature	Ident Code	FY 2013 Base		FY 2013 OCO		FY 2013 Total		S e c
			Quantity	Cost	Quantity	Cost	Quantity	Cost	
Budget Activity 06: Aircraft Spares and Repair Parts									

Aircraft Spares And Repair Parts									
61	Spares And Repair Parts	A		1,166,430				1,166,430	U
				-----		-----		-----	
Total Aircraft Spares and Repair Parts				1,166,430				1,166,430	
Budget Activity 07: Aircraft Support Equip & Facilities									

Aircraft Support Equip & Facilities									
62	Common Ground Equipment	A		387,195		2,380		389,575	U
63	Aircraft Industrial Facilities	A		23,469				23,469	U
64	War Consumables	A		43,383				43,383	U
65	Other Production Charges	A		3,399				3,399	U
66	Special Support Equipment	A		32,274				32,274	U
67	First Destination Transportation	A		1,742				1,742	U
68	Cancelled Account Adjustments	A							U
				-----		-----		-----	
Total Aircraft Support Equip & Facilities				491,462		2,380		493,842	
				-----		-----		-----	
Total Aircraft Procurement, Navy				17,129,296		164,582		17,293,878	

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2	01	01	0143C	EA-18G - Advanced Procurement.....	Volume 1 - 11
3	01	01	0145	FA-18E/F.....	Volume 1 - 15
4	01	01	0145C	FA-18E/F - Advanced Procurement.....	Volume 1 - 25
5	01	01	0147	Joint Strike Fighter CV.....	Volume 1 - 29
6	01	01	0147C	Joint Strike Fighter CV - Advanced Procurement.....	Volume 1 - 39
7	01	01	0152	JSF STOVL.....	Volume 1 - 43
8	01	01	0152C	JSF STOVL - Advanced Procurement.....	Volume 1 - 53
9	01	01	0164	V-22 (Medium Lift).....	Volume 1 - 57
10	01	01	0164C	V-22 (Medium Lift) - Advanced Procurement.....	Volume 1 - 65
11	01	01	0178	UH-1Y/AH-1Z.....	Volume 1 - 69
12	01	01	0178C	UH-1Y/AH-1Z - Advanced Procurement.....	Volume 1 - 85
13	01	01	0179	MH-60S (MYP).....	Volume 1 - 89
14	01	01	0179C	MH-60S (MYP) - Advanced Procurement.....	Volume 1 - 97
15	01	01	0182	MH-60R.....	Volume 1 - 101
16	01	01	0182C	MH-60R - Advanced Procurement.....	Volume 1 - 111

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18	01	01	0193C	P-8A Poseidon - Advanced Procurement.....	Volume 1 - 123
19	01	01	0195	E-2D AHE.....	Volume 1 - 127
20	01	01	0195C	E-2D AHE - Advanced Procurement.....	Volume 1 - 135

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21	02	01	0246	C-40A.....	Volume 1 - 139

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22	03	01	0339	JT Primary Acft Trnr Sys (JPATS).....	Volume 1 - 145

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24	04	01	0416C	KC-130J - Advanced Procurement.....	Volume 1 - 161
25	04	01	0442C	RQ-4 UAV - Advanced Procurement.....	Volume 1 - 165
26	04	01	0443	MQ-8 UAV.....	Volume 1 - 169
27	04	01	0444	STUASLO.....	Volume 1 - 177

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29	05	01	0513	AEA Systems.....	Volume 2 - 33
30	05	01	0514	AV-8 Series.....	Volume 2 - 53
31	05	01	0522	Adversary.....	Volume 2 - 95
32	05	01	0525	F-18 Series.....	Volume 2 - 105
33	05	01	0526	H-46 Series.....	Volume 2 - 255

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36	05	01	0530	SH-60 Series.....	Volume 2 - 413
37	05	01	0532	H-1 Series.....	Volume 2 - 493
38	05	01	0537	EP-3 Series.....	Volume 2 - 537
39	05	01	0538	P-3 Series.....	Volume 2 - 565
40	05	01	0544	E-2 Series.....	Volume 2 - 643
41	05	01	0549	Trainer Acft Series.....	Volume 2 - 697
42	05	01	0556	C-2A.....	Volume 2 - 717
43	05	01	0560	C-130 Series.....	Volume 2 - 753
44	05	01	0561	Flt Elect Wrfr Supt Grp (FEWSG).....	Volume 2 - 791
45	05	01	0562	Cargo/Transport Acft Series.....	Volume 2 - 797
46	05	01	0564	E-6 Series.....	Volume 2 - 847
47	05	01	0566	Executive Helicopters Series.....	Volume 2 - 943
48	05	01	0567	Special Project Acft.....	Volume 2 - 1001
49	05	01	0569	T-45 Series.....	Volume 2 - 1013
50	05	01	0570	Power Plant Changes.....	Volume 2 - 1051
51	05	01	0571	JT Primary Acft Trnr Sys (JPATS)	Volume 2 - 1059

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Appropriation 1506N: Aircraft Procurement, Navy

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53	05	01	0576	Common ECM Equipment.....	Volume 2 - 1095
54	05	01	0577	Common Avionics Changes.....	Volume 2 - 1147
55	05	01	0581	Common Defensive Weapon System.....	Volume 2 - 1231
56	05	01	0582	ID Sys	Volume 2 - 1251
57	05	01	0586	P-8 Series.....	Volume 2 - 1257
58	05	01	0587	MAGTF EW for Aviation.....	Volume 2 - 1269
59	05	01	0589	RQ-7 Series.....	Volume 2 - 1283
60	05	01	0590	V-22 (Tilt/Rotor Acft) Osprey.....	Volume 2 - 1291

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63	07	01	0715	Aircraft Industrial Facilities.....	Volume 4 - 63
64	07	01	0720	War Consumables.....	Volume 4 - 69
65	07	01	0725	Other Production Charges.....	Volume 4 - 79
66	07	01	0735	Special Support Equipment.....	Volume 4 - 83
67	07	01	0740	First Destination Transportation.....	Volume 4 - 85

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AH-1W Series	0527	34	05	01.....	Volume 2 - 289
AV-8 Series	0514	30	05	01.....	Volume 2 - 53
Adversary	0522	31	05	01.....	Volume 2 - 95
Aircraft Industrial Facilities	0715	63	07	01.....	Volume 4 - 63
Aviation Life Support Mods	0575	52	05	01.....	Volume 2 - 1077
C-130 Series	0560	43	05	01.....	Volume 2 - 753
C-2A	0556	42	05	01.....	Volume 2 - 717
C-40A	0246	21	02	01.....	Volume 1 - 139
Cargo/Transport Acft Series	0562	45	05	01.....	Volume 2 - 797
Common Avionics Changes	0577	54	05	01.....	Volume 2 - 1147
Common Defensive Weapon System	0581	55	05	01.....	Volume 2 - 1231
Common ECM Equipment	0576	53	05	01.....	Volume 2 - 1095
Common Ground Equipment	0705	62	07	01.....	Volume 4 - 1
E-2 Series	0544	40	05	01.....	Volume 2 - 643
E-2D AHE	0195	19	01	01.....	Volume 1 - 127
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EA-6 Series	0511	28	05	01.....	Volume 2 - 1
EP-3 Series	0537	38	05	01.....	Volume 2 - 537
Executive Helicopters Series	0566	47	05	01.....	Volume 2 - 943
F-18 Series	0525	32	05	01.....	Volume 2 - 105
FA-18E/F	0145	3	01	01.....	Volume 1 - 15
FA-18E/F - Advanced Procurement	0145C	4	01	01.....	Volume 1 - 25
First Destination Transportation	0740	67	07	01.....	Volume 4 - 85
Flt Elect Wrfr Supt Grp (FEWSG)	0561	44	05	01.....	Volume 2 - 791
H-1 Series	0532	37	05	01.....	Volume 2 - 493
H-46 Series	0526	33	05	01.....	Volume 2 - 255
H-53 Series	0528	35	05	01.....	Volume 2 - 325
ID Sys	0582	56	05	01.....	Volume 2 - 1251
JSF STOVL	0152	7	01	01.....	Volume 1 - 43
JSF STOVL - Advanced Procurement	0152C	8	01	01.....	Volume 1 - 53
JT Primary Acft Trnr Sys (JPATS)	0339	22	03	01.....	Volume 1 - 145
JT Primary Acft Trnr Sys (JPATS)	0571	51	05	01.....	Volume 2 - 1059
Joint Strike Fighter CV	0147	5	01	01.....	Volume 1 - 29

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MAGTF EW for Aviation	0587	58	05	01.....	Volume 2 - 1269
MH-60R	0182	15	01	01.....	Volume 1 - 101
MH-60R - Advanced Procurement	0182C	16	01	01.....	Volume 1 - 111
MH-60S (MYP)	0179	13	01	01.....	Volume 1 - 89
MH-60S (MYP) - Advanced Procurement	0179C	14	01	01.....	Volume 1 - 97
MQ-8 UAV	0443	26	04	01.....	Volume 1 - 169
Other Production Charges	0725	65	07	01.....	Volume 4 - 79
P-3 Series	0538	39	05	01.....	Volume 2 - 565
P-8 Series	0586	57	05	01.....	Volume 2 - 1257
P-8A Poseidon	0193	17	01	01.....	Volume 1 - 115
P-8A Poseidon - Advanced Procurement	0193C	18	01	01.....	Volume 1 - 123
Power Plant Changes	0570	50	05	01.....	Volume 2 - 1051
RQ-4 UAV - Advanced Procurement	0442C	25	04	01.....	Volume 1 - 165
RQ-7 Series	0589	59	05	01.....	Volume 2 - 1283
SH-60 Series	0530	36	05	01.....	Volume 2 - 413
STUASLO	0444	27	04	01.....	Volume 1 - 177
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Special Support Equipment	0735	66	07	01.....	Volume 4 - 83
T-45 Series	0569	49	05	01.....	Volume 2 - 1013
Trainer Acft Series	0549	41	05	01.....	Volume 2 - 697
UH-1Y/AH-1Z	0178	11	01	01.....	Volume 1 - 69
UH-1Y/AH-1Z - Advanced Procurement	0178C	12	01	01.....	Volume 1 - 85
V-22 (Medium Lift)	0164	9	01	01.....	Volume 1 - 57
V-22 (Medium Lift) - Advanced Procurement	0164C	10	01	01.....	Volume 1 - 65
V-22 (Tilt/Rotor Acft) Osprey	0590	60	05	01.....	Volume 2 - 1291
War Consumables	0720	64	07	01.....	Volume 4 - 69

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32	05	01	0525	F-18 Series.....	Volume 2 - 105
33	05	01	0526	H-46 Series.....	Volume 2 - 255
34	05	01	0527	AH-1W Series.....	Volume 2 - 289
35	05	01	0528	H-53 Series.....	Volume 2 - 325
36	05	01	0530	SH-60 Series.....	Volume 2 - 413
37	05	01	0532	H-1 Series.....	Volume 2 - 493
38	05	01	0537	EP-3 Series.....	Volume 2 - 537
39	05	01	0538	P-3 Series.....	Volume 2 - 565
40	05	01	0544	E-2 Series.....	Volume 2 - 643
41	05	01	0549	Trainer Acft Series.....	Volume 2 - 697
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46	05	01	0564	E-6 Series.....	Volume 2 - 847
47	05	01	0566	Executive Helicopters Series.....	Volume 2 - 943
48	05	01	0567	Special Project Acft.....	Volume 2 - 1001
49	05	01	0569	T-45 Series.....	Volume 2 - 1013
50	05	01	0570	Power Plant Changes.....	Volume 2 - 1051
51	05	01	0571	JT Primary Acft Trnr Sys (JPATS)	Volume 2 - 1059
52	05	01	0575	Aviation Life Support Mods.....	Volume 2 - 1077
53	05	01	0576	Common ECM Equipment.....	Volume 2 - 1095
54	05	01	0577	Common Avionics Changes.....	Volume 2 - 1147
55	05	01	0581	Common Defensive Weapon System.....	Volume 2 - 1231
56	05	01	0582	ID Sys	Volume 2 - 1251
57	05	01	0586	P-8 Series.....	Volume 2 - 1257
58	05	01	0587	MAGTF EW for Aviation.....	Volume 2 - 1269
59	05	01	0589	RQ-7 Series.....	Volume 2 - 1283
60	05	01	0590	V-22 (Tilt/Rotor Acft) Osprey.....	Volume 2 - 1291

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Aviation Life Support Mods	0575	52	05	01.....	Volume 2 - 1077
C-130 Series	0560	43	05	01.....	Volume 2 - 753
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Cargo/Transport Acft Series	0562	45	05	01.....	Volume 2 - 797
Common Avionics Changes	0577	54	05	01.....	Volume 2 - 1147
Common Defensive Weapon System	0581	55	05	01.....	Volume 2 - 1231
Common ECM Equipment	0576	53	05	01.....	Volume 2 - 1095
E-2 Series	0544	40	05	01.....	Volume 2 - 643
E-6 Series	0564	46	05	01.....	Volume 2 - 847
EA-6 Series	0511	28	05	01.....	Volume 2 - 1
EP-3 Series	0537	38	05	01.....	Volume 2 - 537
Executive Helicopters Series	0566	47	05	01.....	Volume 2 - 943
F-18 Series	0525	32	05	01.....	Volume 2 - 105

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H-46 Series	0526	33	05	01.....	Volume 2 - 255
H-53 Series	0528	35	05	01.....	Volume 2 - 325
ID Sys	0582	56	05	01.....	Volume 2 - 1251
JT Primary Acft Trnr Sys (JPATS)	0571	51	05	01.....	Volume 2 - 1059
MAGTF EW for Aviation	0587	58	05	01.....	Volume 2 - 1269
P-3 Series	0538	39	05	01.....	Volume 2 - 565
P-8 Series	0586	57	05	01.....	Volume 2 - 1257
Power Plant Changes	0570	50	05	01.....	Volume 2 - 1051
RQ-7 Series	0589	59	05	01.....	Volume 2 - 1283
SH-60 Series	0530	36	05	01.....	Volume 2 - 413
Special Project Acft	0567	48	05	01.....	Volume 2 - 1001
T-45 Series	0569	49	05	01.....	Volume 2 - 1013
Trainer Acft Series	0549	41	05	01.....	Volume 2 - 697
V-22 (Tilt/Rotor Acft) Osprey	0590	60	05	01.....	Volume 2 - 1291

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Exhibit P-40, Budget Item Justification Sheet: PB 2013 Navy **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity:
1506N : Aircraft Procurement, Navy / BA 5 : Modification of Aircraft / BSA 1 :
Modification Of Aircraft

P-1 Line Item Nomenclature:
0511 - EA-6 Series

ID Code (A=Service Ready, B=Not Service Ready) : A **Program Elements for Code B Items:** **Other Related Program Elements:**

Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	3,297.945	12.634	27.734	30.062	-	30.062	18.600	14.099	10.068	10.285	1.215	3,422.642
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	3,297.945	12.634	27.734	30.062	-	30.062	18.600	14.099	10.068	10.285	1.215	3,422.642
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	3,297.945	12.634	27.734	30.062	-	30.062	18.600	14.099	10.068	10.285	1.215	3,422.642

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

This line item funds modifications to the EA-6B aircraft. The EA-6B Prowler is a four-seat, twin-engine, mid-wing, tactical, electronic attack aircraft. The EA-6B is employed in both Navy and Marine Corps squadrons to provide DoD tactical electronic attack capability. Modifications budgeted and programmed include: procurement of Improved Capability III (ICAP III) block upgrades and installation, avionics upgrades and installation, mission planning upgrades and installation, missile control modifications, and readiness initiatives to ensure EA-6B viability in an ever-changing threat environment.

Item Schedule		ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
ALQ-99 PODS (019-79) - 1	P3A		-	-	1,067.942	-	-	12.634	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000
EA-6B AVIONICS AND STRUCTURAL IMPROVEMENTS (032-85) - 2	P3A		-	-	1,106.819	-	-	0.000	-	-	15.258	-	-	17.139	-	-	0.000	-	-	17.139
ICAP III (001-01) - 3	P3A		-	-	484.484	-	-	0.000	-	-	12.476	-	-	12.923	-	-	0.000	-	-	12.923
INACTIVE OSIPS - 4	P3A		-	-	638.700	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000
Total Gross/Weapon System Cost					3,297.945			12.634			27.734			30.062			-			30.062

		ID CD	FY 2014			FY 2015			FY 2016			FY 2017			To Complete			Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
ALQ-99 PODS (019-79) - 1	P3A		-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	1,080.576

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Exhibit P-40, Budget Item Justification Sheet: PB 2013 Navy **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 1506N : Aircraft Procurement, Navy / BA 5 : Modification of Aircraft / BSA 1 : Modification Of Aircraft	P-1 Line Item Nomenclature: 0511 - EA-6 Series
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ID Code (A=Service Ready, B=Not Service Ready) : A **Program Elements for Code B Items:** **Other Related Program Elements:**

Item Nomenclature*	Exhibits	ID CD	FY 2014			FY 2015			FY 2016			FY 2017			To Complete			Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
EA-6B AVIONICS AND STRUCTURAL IMPROVEMENTS (032-85) - 2	P3A		-	-	12.036	-	-	10.091	-	-	6.970	-	-	7.136	-	-	1.215	-	-	1,176.664
ICAP III (001-01) - 3	P3A		-	-	6.564	-	-	4.008	-	-	3.098	-	-	3.149	-	-	0.000	-	-	526.702
INACTIVE OSIPS - 4	P3A		-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	638.700
Total Gross/Weapon System Cost					18.600			14.099			10.068			10.285			1.215			3,422.642

*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.

Justification:

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0511 - EA-6 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): ALQ-99 PODS (019-79) - 1

Models of Systems Affected: EA-6 SERIES	Type Modification: RELIABILITY / MISSION CAPABILITY	Related RDT&E PEs:
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	1,067.942	12.634	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1,080.576
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	1,067.942	12.634	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1,080.576
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	1,067.942	12.634	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1,080.576

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

LOW BAND TRANSMITTER:

The Low Band Transmitter (LBT) provides an expanded jamming capability against the Early Warning/Acquisition Radars and Communication Links of modern Integrated Air Defense Systems. LBT reliability and maintainability is greatly improved over that of current ALQ-99 Transmitters. ALQ-99 Transmitters are readily removed and installed Weapons Replaceable Assemblies in the ALQ-99 Pod. Aircraft Operational Flight Program changes are required to support aircraft integration of this transmitter.

LBT replaces three AN/ALQ-99 transmitters and has new and greatly expanded employment in the Overseas Contingency Operations (OCO) operations, providing protection to Coalition air and ground units in continuous and direct contact with enemy forces. LBT combines the functionality of the modified transmitters into a single highly reliable solid state transmitter increasing both availability and mission effectiveness. The LBT increases reliability and flexibility. OCO support required more sustained jamming than projected and resulted in higher system failure rates. The LBT is an O-Level remove and replace item. This capability will be available for all EA-6B/EA-18G aircraft, which includes four Naval Air Reserve aircraft. The Extended Low Band Radome (ELBR) currently flown on the EA-6B is structurally incompatible with the EA-18G. EA-18G compatible Extended Low Band Radomes (GELBRs) need to be produced for the integration of the ALQ-99 onto the EA-18G.

SUPPORT EQUIPMENT: Introduction of new/modified ALQ-99 pod equipment requires new/modified organizational, intermediate and depot level support equipment, such as modifications and additions to the pod test set to support Low Band Transmitter and Band 7/8 Transmitter, modifications to High Power Device Test Set to extend frequency coverage to test Band 9/10 transmitters.

ENGINEERING CHANGES: This Operational and Safety Improvement Program covers pod modifications required to improve reliability/maintainability/availability, enhance mission capability, resolve obsolescence issues, and correct deficiencies found in testing or in the field.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: Following a competitive acquisition and Milestone II approval, Engineering and Manufacturing Prototype and Low Rate Initial Production (LRIP) testing conducted at government and contractor facilities successfully demonstrated the key performance parameters identified in OPNAV/N88 ltr Ser No. N880C3/6S663399 of 26 JUL 96 can be attained with the present LBT design. Testing of LRIP units began in April 07, Milestone III was achieved in April 2008 and a Full Rate Production (FRP) contract was awarded June 2008. In response to the increasing force protection requirement, an Early Operational Capability for LBT was met in August 2006.

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0511 - EA-6 Series	Modification Nomenclature <i>(Modification Title, Modification Number):</i> ALQ-99 PODS (019-79) - 1
Models of Systems Affected: EA-6 SERIES	Type Modification: RELIABILITY / MISSION CAPABILITY	Related RDT&E PEs:



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Exhibit P-3A, Individual Modification: PB 2013 Navy										Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1					P-1 Line Item Nomenclature: 0511 - EA-6 Series					Modification Nomenclature (<i>Modification Title, Modification Number</i>): ALQ-99 PODS (019-79) - 1			
Models of Systems Affected: EA-6 SERIES					Type Modification: RELIABILITY / MISSION CAPABILITY					Related RDT&E PEs:			
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
ALQ-99 PODS (019-79)													
B Kits													
Recurring													
2.1.1) INSTALLATION EQUIPMENT(B KITS) - Organic	2,575	199.871	-	-	-	-	-	-	-	-	-	-	
2.1.2) EXTENDED LOW BAND RADOME(GELBR) - Organic	22	2.789	-	-	-	-	-	-	-	-	-	-	
2.1.3) ALQ 99 BAND TWT IM - Organic	1	3.846	-	-	-	-	-	-	-	-	-	-	
2.1.4) BAND 9/10 GFE - Organic	-	0.250	-	-	-	-	-	-	-	-	-	-	
2.1.5) BAND 9/10 RADOME - Organic	260	4.935	-	-	-	-	-	-	-	-	-	-	
2.1.6) BAND 9/10 TRANSMITTER CONG ADD - Organic	235	132.761	-	-	-	-	-	-	-	-	-	-	
2.1.7) LOW BAND TRANSMITTER - Organic	182	194.538	-	-	-	-	-	-	-	-	-	-	
2.1.8) LOW BAND TRANSMITTER OCO - Organic	34	40.000	8	12.400	-	-	-	-	-	-	-	-	
2.1.9) PAO TRANSMITTER MOD - Organic	1,296	5.767	-	-	-	-	-	-	-	-	-	-	
2.1.10) REPAIR OF GFE (UEU) - Organic	-	6.193	-	-	-	-	-	-	-	-	-	-	
2.1.11) UNIVERSAL EXCITER UPGRADE - Organic	480	223.270	-	-	-	-	-	-	-	-	-	-	
<i>Subtotal Recurring</i>		814.220		12.400		0.000		0.000		0.000		0.000	
NonRecurring													
2.2.1) INSTALLATION EQUIPMENT N/R - Organic	-	32.862	-	-	-	-	-	-	-	-	-	-	
<i>Subtotal NonRecurring</i>		32.862		0.000		0.000		0.000		0.000		0.000	
<i>Total, ALQ-99 PODS (019-79)</i>	5,085	847.082	8	12.400	-	-	-	-	-	-	-	-	
<i>Total, All Modifications</i>		847.082		12.400		0.000		0.000		0.000		0.000	
Support													
3.1) ENGINEERING CHANGE ORDERS	-	1.312	-	-	-	-	-	-	-	-	-	-	
3.2) DATA	-	10.324	-	-	-	-	-	-	-	-	-	-	
3.3) TRAINING EQUIPMENT	-	1.577	-	-	-	-	-	-	-	-	-	-	
3.4) SUPPORT EQUIPMENT	6	104.884	-	-	-	-	-	-	-	-	-	-	
3.5) ILS	-	7.846	-	-	-	-	-	-	-	-	-	-	
3.6) OTHER SUPPORT	-	76.013	-	0.234	-	-	-	-	-	-	-	-	

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0511 - EA-6 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): ALQ-99 PODS (019-79) - 1

Models of Systems Affected: EA-6 SERIES	Type Modification: RELIABILITY / MISSION CAPABILITY	Related RDT&E PEs:
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
3.7) INTERIM CONTRACTOR SUPPORT	-	0.000	-	-	-	-	-	-	-	-	-	-
3.8) PRIOR YR INSTALLATION COST	1,207	18.904	-	-	-	-	-	-	-	-	-	-
Total Support Cost		220.860		0.234		0.000		0.000		0.000		0.000
Procurement Cost (Procurement + Support)		1,067.942		12.634		0.000		0.000		0.000		0.000
Total Installation Cost		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		1,067.942		12.634		0.000		0.000		0.000		0.000

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
ALQ-99 PODS (019-79)												
B Kits												
Recurring												
2.1.1) INSTALLATION EQUIPMENT(B KITS) - Organic	-	-	-	-	-	-	-	-	-	-	2,575	199.871
2.1.2) EXTENDED LOW BAND RADOME(GELBR) - Organic	-	-	-	-	-	-	-	-	-	-	22	2.789
2.1.3) ALQ 99 BAND TWT IM - Organic	-	-	-	-	-	-	-	-	-	-	1	3.846
2.1.4) BAND 9/10 GFE - Organic	-	-	-	-	-	-	-	-	-	-	-	0.250
2.1.5) BAND 9/10 RADOME - Organic	-	-	-	-	-	-	-	-	-	-	260	4.935
2.1.6) BAND 9/10 TRANSMITTER CONG ADD - Organic	-	-	-	-	-	-	-	-	-	-	235	132.761
2.1.7) LOW BAND TRANSMITTER - Organic	-	-	-	-	-	-	-	-	-	-	182	194.538
2.1.8) LOW BAND TRANSMITTER OCO - Organic	-	-	-	-	-	-	-	-	-	-	42	52.400
2.1.9) PAO TRANSMITTER MOD - Organic	-	-	-	-	-	-	-	-	-	-	1,296	5.767
2.1.10) REPAIR OF GFE (UEU) - Organic	-	-	-	-	-	-	-	-	-	-	-	6.193
2.1.11) UNIVERSAL EXCITER UPGRADE - Organic	-	-	-	-	-	-	-	-	-	-	480	223.270
Subtotal Recurring		0.000		0.000		0.000		0.000		0.000		826.620
NonRecurring												
2.2.1) INSTALLATION EQUIPMENT N/R - Organic	-	-	-	-	-	-	-	-	-	-	-	32.862
Subtotal NonRecurring		0.000		0.000		0.000		0.000		0.000		32.862

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0511 - EA-6 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): ALQ-99 PODS (019-79) - 1
Models of Systems Affected: EA-6 SERIES	Type Modification: RELIABILITY / MISSION CAPABILITY	Related RDT&E PEs:

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
<i>Total, ALQ-99 PODS (019-79)</i>	-	-	-	-	-	-	-	-	-	-	5,093	859.482
<i>Total, All Modifications</i>		0.000		0.000		0.000		0.000		0.000		859.482
Support												
3.1) ENGINEERING CHANGE ORDERS	-	-	-	-	-	-	-	-	-	-	-	1.312
3.2) DATA	-	-	-	-	-	-	-	-	-	-	-	10.324
3.3) TRAINING EQUIPMENT	-	-	-	-	-	-	-	-	-	-	-	1.577
3.4) SUPPORT EQUIPMENT	-	-	-	-	-	-	-	-	-	-	6	104.884
3.5) ILS	-	-	-	-	-	-	-	-	-	-	-	7.846
3.6) OTHER SUPPORT	-	-	-	-	-	-	-	-	-	-	-	76.247
3.7) INTERIM CONTRACTOR SUPPORT	-	-	-	-	-	-	-	-	-	-	-	-
3.8) PRIOR YR INSTALLATION COST	-	-	-	-	-	-	-	-	-	-	1,207	18.904
<i>Total Support Cost</i>		0.000		0.000		0.000		0.000		0.000		221.094
<i>Procurement Cost (Procurement + Support)</i>		0.000		0.000		0.000		0.000		0.000		1,080.576
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		0.000		0.000		0.000		0.000		0.000		1,080.576

Remarks:							
Manufacturer Information: ALQ-99 PODS (019-79)							
Manufacturer Name: Manufacturer Name Not Provided.				Manufacturer Location: Manufacturer Location Not Provided.			
Administrative Leadtime (in Months):				Production Leadtime (in Months):			
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates							
Delivery Dates							

Installation: ALQ-99 PODS (019-79)	Method of Implementation: Not Installed - INSTALLATION EQUIPMENT(B KITS)	Installation Quantity: 2575
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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0511 - EA-6 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): ALQ-99 PODS (019-79) - 1
Models of Systems Affected: EA-6 SERIES	Type Modification: RELIABILITY / MISSION CAPABILITY	Related RDT&E PEs:
Installation: ALQ-99 PODS (019-79)	Method of Implementation: Not Installed - EXTENDED LOW BAND RADOME(GELBR)	Installation Quantity: 22
Installation: ALQ-99 PODS (019-79)	Method of Implementation: Not Installed - ALQ 99 BAND TWT IM	Installation Quantity: 1
Installation: ALQ-99 PODS (019-79)	Method of Implementation: Not Installed - BAND 9/10 RADOME	Installation Quantity: 260
Installation: ALQ-99 PODS (019-79)	Method of Implementation: Not Installed - BAND 9/10 TRANSMITTER CONG ADD	Installation Quantity: 235
Installation: ALQ-99 PODS (019-79)	Method of Implementation: Not Installed - LOW BAND TRANSMITTER	Installation Quantity: 182
Installation: ALQ-99 PODS (019-79)	Method of Implementation: Not Installed - LOW BAND TRANSMITTER OCO	Installation Quantity: 42
Installation: ALQ-99 PODS (019-79)	Method of Implementation: Not Installed - PAO TRANSMITTER MOD	Installation Quantity: 1296
Installation: ALQ-99 PODS (019-79)	Method of Implementation: Not Installed - UNIVERSAL EXCITER UPGRADE	Installation Quantity: 480
Installation: ALQ-99 PODS (019-79)	Method of Implementation: Not Installed - SUPPORT EQUIPMENT	Installation Quantity: 6
Installation: ALQ-99 PODS (019-79)	Method of Implementation: Not Installed - PRIOR YR INSTALLATION COST	Installation Quantity: 1207

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0511 - EA-6 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): EA-6B AVIONICS AND STRUCTURAL IMPROVEMENTS (032-85) - 2

Models of Systems Affected: EA-6 SERIES	Type Modification: RELIABILITY/MISSION CAPABILITY	Related RDT&E PEs:
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	1,106.819	0.000	15.258	17.139	0.000	17.139	12.036	10.091	6.970	7.136	1.215	1,176.664
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	1,106.819	0.000	15.258	17.139	0.000	17.139	12.036	10.091	6.970	7.136	1.215	1,176.664
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	1,106.819	0.000	15.258	17.139	0.000	17.139	12.036	10.091	6.970	7.136	1.215	1,176.664

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

This Operational and Safety Improvement Program covers EA-6B Structural, Systems, Sub-Systems, and Avionics modifications and improvement to mission degrading deficiencies discovered during test reviews, flight line inspections, and preventive maintenance inspections related to reliability, maintainability, sustainability, training, and safety of flight.

Structural readiness improvements: Includes required modifications based upon fatigue life analysis and aircraft changes to ensure EA-6B aircraft availability, reliability, and maintainability of airframe structural components through FY-19.

Systems/Sub-Systems readiness improvements: Includes modifications required to improve reliability and maintainability of electrical, life support, propulsion/power, landing gear, hydraulics, pneumatic, primary/secondary flight controls, and environmental control systems.

Avionics readiness improvements: Includes modifications to improve reliability and maintainability of avionics, software, components, wiring, weapons control, communication, navigation, radar, and display systems.

Funding provided to support all EA-6B airframe readiness, hardware readiness, electrical component readiness, obsolescence prevention, inspections, installations, and safety of flight improvements throughout remaining airframe service. Fund application to the structure, system/subsystem, and avionics deficiencies will be made to ensure aircraft service readiness and reliability.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES:

Major milestones include the completion of the Digital Flight Control System (DFCS) test program and Wing Center Section production deliveries.

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Exhibit P-3A, Individual Modification: PB 2013 Navy										Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1					P-1 Line Item Nomenclature: 0511 - EA-6 Series					Modification Nomenclature (<i>Modification Title, Modification Number</i>): EA-6B AVIONICS AND STRUCTURAL IMPROVEMENTS (032-85) - 2			
Models of Systems Affected: EA-6 SERIES				Type Modification: RELIABILITY/MISSION CAPABILITY				Related RDT&E PEs:					
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
EA-6B AVIONICS AND STRUCTURAL IMPROVEMENTS (032-85)													
A Kits													
Recurring													
1.1.1) PRIOR YR (A KITS) - Organic	3,101	36.346	-	-	-	-	-	-	-	-	-	-	
1.1.2) 2ND EGI/ ASN-130A REPLACEMENT - Organic	113	1.059	-	-	-	-	-	-	-	-	-	-	
1.1.3) AIRCRAFT WIRING UPGRADE - Organic	60	2.113	-	-	-	-	-	-	-	-	-	-	
1.1.4) AN/USQ-113 KITS - Organic	257	34.781	-	-	-	-	-	-	-	-	-	-	
1.1.5) DFCS - Organic	112	4.753	-	-	-	-	-	-	-	-	-	-	
1.1.6) FLIGHT CONTROL - Organic	181	4.315	-	-	-	-	-	-	-	-	-	-	
1.1.7) HYDRAULIC SYSTEMS UPGRADE - Organic	88	10.606	-	-	-	-	-	-	-	-	-	-	
1.1.8) OUTER WING PANEL - Organic	1	25.435	-	-	-	-	-	-	-	-	-	-	
1.1.9) OUTER WING PANEL (SUPP) - Organic	47	130.100	-	-	-	-	-	-	-	-	-	-	
1.1.10) SDRS KIT - Organic	122	1.656	-	-	-	-	-	-	-	-	-	-	
1.1.11) USQ-113 A KITS (SUPP) - Organic	2	7.359	-	-	-	-	-	-	-	-	-	-	
1.1.12) AVIONICS/ELECTRICAL READINESS (SUPP) - Organic	-	1.600	-	-	-	-	-	-	-	-	-	-	
1.1.13) AIR VEHICLE STRUCTURES READINESS (SUPP) - Organic	-	1.945	-	-	-	-	-	-	-	-	-	-	
1.1.14) SUB-SYSTEMS READINESS (SUPP) - Organic	-	1.825	-	-	-	-	-	-	-	-	-	-	
1.1.15) WING CENTER SECTION - Organic	114	335.905	-	-	-	-	-	-	-	-	-	-	
1.1.16) AIRCRAFT SYSTEMS - NonOrganic	-	-	-	-	-	1.000	66	5.000	-	-	66	5.000	
1.1.17) AIRCRAFT AVIONICS - NonOrganic	-	-	-	-	-	1.000	66	4.500	-	-	66	4.500	
1.1.18) AIRCRAFT STRUCTURES - NonOrganic	-	-	-	-	-	1.000	56	4.000	-	-	56	4.000	
<i>Subtotal Recurring</i>		599.798		0.000		3.000		13.500		0.000		13.500	
NonRecurring													
1.2.1) Installation Kits N/R - Organic	4	56.660	-	-	-	-	-	2.518	-	-	-	2.518	
<i>Subtotal NonRecurring</i>		56.660		0.000		0.000		2.518		0.000		2.518	

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Exhibit P-3A, Individual Modification: PB 2013 Navy								Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0511 - EA-6 Series				Modification Nomenclature (<i>Modification Title, Modification Number</i>): EA-6B AVIONICS AND STRUCTURAL IMPROVEMENTS (032-85) - 2					
Models of Systems Affected: EA-6 SERIES				Type Modification: RELIABILITY/MISSION CAPABILITY				Related RDT&E PEs:					
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
B Kits													
Recurring													
2.1.2) ASN-130A REPLACEMENT/2ND EGI - Organic	1	4.165	-	-	-	-	-	-	-	-	-	-	
2.1.3) DFCS - Organic	73	9.924	-	-	-	-	-	-	-	-	-	-	
2.1.4) EJECTION SEAT - Organic	1	0.261	-	-	-	-	-	-	-	-	-	-	
2.1.5) HYDRAULIC SYSTEM UPGRADE - PR - Organic	1	0.175	-	-	-	-	-	-	-	-	-	-	
2.1.6) MISSION REPROGRAMMING - Organic	-	11.200	-	-	-	-	-	-	-	-	-	-	
2.1.7) POWER PC INTEGRATION - Organic	4	3.964	-	-	-	-	-	-	-	-	-	-	
2.1.8) PRIOR YR EQUIPMENT (B Kits) - Organic	1,949	89.271	-	-	-	-	-	-	-	-	-	-	
2.1.9) USQ-113 EXT B KITS (SUPP) - Organic	1	1.620	-	-	-	-	-	-	-	-	-	-	
2.1.10) USQ-113 TOG B KITS (SUPP) - Organic	2	2.260	-	-	-	-	-	-	-	-	-	-	
2.1.11) AIRCRAFT SYSTEMS - Organic	-	-	-	-	-	1.500	-	-	-	-	-	-	
2.1.12) AIRCRAFT AVIONICS - Organic	-	-	-	-	-	1.500	-	-	-	-	-	-	
2.1.13) AIRCRAFT STRUCTURES - NonOrganic	-	-	-	-	-	1.500	-	-	-	-	-	-	
<i>Subtotal Recurring</i>		122.840		0.000		4.500		0.000		0.000		0.000	
NonRecurring													
2.2.1) Installation Equipment N/R - Organic	-	57.153	-	-	-	3.293	-	-	-	-	-	-	
<i>Subtotal NonRecurring</i>		57.153		0.000		3.293		0.000		0.000		0.000	
<i>Total, EA-6B AVIONICS AND STRUCTURAL IMPROVEMENTS (032-85)</i>	6,234	836.451	-	-	-	10.793	188	16.018	-	-	188	16.018	
<i>Total, All Modifications</i>		836.451		0.000		10.793		16.018		0.000		16.018	
Support													
3.1) Engineering Change Order	-	2.639	-	-	-	3.852	-	-	-	-	-	-	
3.2) Data	-	14.451	-	-	-	-	-	-	-	-	-	-	
3.3) Training Equipment	15	10.947	-	-	-	-	-	-	-	-	-	-	
3.4) Support Equipment	-	16.560	-	-	-	0.613	-	0.900	-	-	-	0.900	
3.5) ILS	-	5.137	-	-	-	-	-	-	-	-	-	-	
3.6) Other Support	-	83.669	-	-	-	-	-	0.221	-	-	-	0.221	

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0511 - EA-6 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): EA-6B AVIONICS AND STRUCTURAL IMPROVEMENTS (032-85) - 2

Models of Systems Affected: EA-6 SERIES	Type Modification: RELIABILITY/MISSION CAPABILITY	Related RDT&E PEs:
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
3.7) Interim Contractor Support	-	0.504	-	-	-	-	-	-	-	-	-	-
3.8) PRIOR YR INSTALLATION COST	1,473	136.461	-	-	-	-	-	-	-	-	-	-
Total Support Cost		270.368		0.000		4.465		1.121		0.000		1.121
<i>Procurement Cost (Procurement + Support)</i>		1,106.819		0.000		15.258		17.139		0.000		17.139
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		1,106.819		0.000		15.258		17.139		0.000		17.139

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
EA-6B AVIONICS AND STRUCTURAL IMPROVEMENTS (032-85)												
A Kits												
Recurring												
1.1.1) PRIOR YR (A KITS) - Organic	-	-	-	-	-	-	-	-	-	-	3,101	36.346
1.1.2) 2ND EGI/ ASN-130A REPLACEMENT - Organic	-	-	-	-	-	-	-	-	-	-	113	1.059
1.1.3) AIRCRAFT WIRING UPGRADE - Organic	-	-	-	-	-	-	-	-	-	-	60	2.113
1.1.4) AN/USQ-113 KITS - Organic	-	-	-	-	-	-	-	-	-	-	257	34.781
1.1.5) DFCS - Organic	-	-	-	-	-	-	-	-	-	-	112	4.753
1.1.6) FLIGHT CONTROL - Organic	-	-	-	-	-	-	-	-	-	-	181	4.315
1.1.7) HYDRAULIC SYSTEMS UPGRADE - Organic	-	-	-	-	-	-	-	-	-	-	88	10.606
1.1.8) OUTER WING PANEL - Organic	-	-	-	-	-	-	-	-	-	-	1	25.435
1.1.9) OUTER WING PANEL (SUPP) - Organic	-	-	-	-	-	-	-	-	-	-	47	130.100
1.1.10) SDRS KIT - Organic	-	-	-	-	-	-	-	-	-	-	122	1.656
1.1.11) USQ-113 A KITS (SUPP) - Organic	-	-	-	-	-	-	-	-	-	-	2	7.359
1.1.12) AVIONICS/ELECTRICAL READINESS (SUPP) - Organic	-	-	-	-	-	-	-	-	-	-	-	1.600
1.1.13) AIR VEHICLE STRUCTURES READINESS (SUPP) - Organic	-	-	-	-	-	-	-	-	-	-	-	1.945

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Exhibit P-3A, Individual Modification: PB 2013 Navy								Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0511 - EA-6 Series				Modification Nomenclature (<i>Modification Title, Modification Number</i>): EA-6B AVIONICS AND STRUCTURAL IMPROVEMENTS (032-85) - 2					
Models of Systems Affected: EA-6 SERIES				Type Modification: RELIABILITY/MISSION CAPABILITY				Related RDT&E PEs:					
Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
1.1.14) SUB-SYSTEMS READINESS (SUPP) - Organic	-	-	-	-	-	-	-	-	-	-	-	1.825	
1.1.15) WING CENTER SECTION - Organic	-	-	-	-	-	-	-	-	-	-	114	335.905	
1.1.16) AIRCRAFT SYSTEMS - NonOrganic	56	3.060	50	2.290	36	1.520	29	1.695	-	-	237	14.565	
1.1.17) AIRCRAFT AVIONICS - NonOrganic	56	2.560	50	2.190	36	1.370	29	1.570	-	-	237	13.190	
1.1.18) AIRCRAFT STRUCTURES - NonOrganic	50	2.460	36	2.190	29	1.120	23	1.570	-	-	194	12.340	
<i>Subtotal Recurring</i>		8.080		6.670		4.010		4.835		0.000		639.893	
NonRecurring													
1.2.1) Installation Kits N/R - Organic	-	1.101	-	0.976	-	0.914	-	0.780	-	-	4	62.949	
<i>Subtotal NonRecurring</i>		1.101		0.976		0.914		0.780		0.000		62.949	
B Kits													
Recurring													
2.1.2) ASN-130A REPLACEMENT/2ND EGI - Organic	-	-	-	-	-	-	-	-	-	-	1	4.165	
2.1.3) DFCS - Organic	-	-	-	-	-	-	-	-	-	-	73	9.924	
2.1.4) EJECTION SEAT - Organic	-	-	-	-	-	-	-	-	-	-	1	0.261	
2.1.5) HYDRAULIC SYSTEM UPGRADE - PR - Organic	-	-	-	-	-	-	-	-	-	-	1	0.175	
2.1.6) MISSION REPROGRAMMING - Organic	-	-	-	-	-	-	-	-	-	-	-	11.200	
2.1.7) POWER PC INTEGRATION - Organic	-	-	-	-	-	-	-	-	-	-	4	3.964	
2.1.8) PRIOR YR EQUIPMENT (B Kits) - Organic	-	-	-	-	-	-	-	-	-	-	1,949	89.271	
2.1.9) USQ-113 EXT B KITS (SUPP) - Organic	-	-	-	-	-	-	-	-	-	-	1	1.620	
2.1.10) USQ-113 TOG B KITS (SUPP) - Organic	-	-	-	-	-	-	-	-	-	-	2	2.260	
2.1.11) AIRCRAFT SYSTEMS - Organic	-	-	-	-	-	-	-	-	-	-	-	1.500	
2.1.12) AIRCRAFT AVIONICS - Organic	-	-	-	-	-	-	-	-	-	-	-	1.500	
2.1.13) AIRCRAFT STRUCTURES - NonOrganic	-	-	-	-	-	-	-	-	-	-	-	1.500	
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		127.340	
NonRecurring													
2.2.1) Installation Equipment N/R - Organic	-	-	-	-	-	-	-	-	-	-	-	60.446	
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		60.446	

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0511 - EA-6 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): EA-6B AVIONICS AND STRUCTURAL IMPROVEMENTS (032-85) - 2

Models of Systems Affected: EA-6 SERIES	Type Modification: RELIABILITY/MISSION CAPABILITY	Related RDT&E PEs:
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
<i>Total, EA-6B AVIONICS AND STRUCTURAL IMPROVEMENTS (032-85)</i>	162	9.181	136	7.646	101	4.924	81	5.615	-	-	6,902	890.628
<i>Total, All Modifications</i>		9.181		7.646		4.924		5.615		0.000		890.628
Support												
3.1) Engineering Change Order	-	-	-	-	-	-	-	-	-	-	-	6.491
3.2) Data	-	-	-	-	-	-	-	-	-	-	-	14.451
3.3) Training Equipment	-	-	-	-	-	-	-	-	-	-	15	10.947
3.4) Support Equipment	-	0.010	-	-	-	-	-	-	-	-	-	18.083
3.5) ILS	-	-	-	-	-	-	-	-	-	-	-	5.137
3.6) Other Support	-	0.025	-	0.015	-	0.006	-	0.006	-	-	-	83.942
3.7) Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	0.504
3.8) PRIOR YR INSTALLATION COST	-	-	-	-	-	-	-	-	-	-	1,473	136.461
<i>Total Support Cost</i>		0.035		0.015		0.006		0.006		0.000		276.016
<i>Procurement Cost (Procurement + Support)</i>		9.216		7.661		4.930		5.621		0.000		1,166.644
<i>Total Installation Cost</i>		2.820		2.430		2.040		1.515		1.215		10.020
Total Cost (Procurement + Support + Installation)		12.036		10.091		6.970		7.136		1.215		1,176.664

Remarks:

Manufacturer Information: EA-6B AVIONICS AND STRUCTURAL IMPROVEMENTS (032-85)

Manufacturer Name: TBD-Aircraft Systems				Manufacturer Location: TBD			
Administrative Leadtime (in Months): 6				Production Leadtime (in Months): 6			
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates			Mar 2013	Mar 2014			
Delivery Dates			Oct 2013	Oct 2014			

Manufacturer Name: TBD-Aircraft Avionics				Manufacturer Location: TBD			
Administrative Leadtime (in Months): 6				Production Leadtime (in Months): 6			
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates			Mar 2013	Mar 2014			

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0511 - EA-6 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): EA-6B AVIONICS AND STRUCTURAL IMPROVEMENTS (032-85) - 2

Models of Systems Affected: EA-6 SERIES	Type Modification: RELIABILITY/MISSION CAPABILITY	Related RDT&E PEs:
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Manufacturer Information: EA-6B AVIONICS AND STRUCTURAL IMPROVEMENTS (032-85)

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Delivery Dates			Oct 2013	Oct 2014			

Manufacturer Name: TBD-Aircraft Structures Manufacturer Location: TBD

Administrative Leadtime (*in Months*): 6 Production Leadtime (*in Months*): 6

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates			Mar 2013	Mar 2014			
Delivery Dates			Oct 2013	Oct 2014			

Installation: EA-6B AVIONICS AND STRUCTURAL IMPROVEMENTS (032-85) **Method of Implementation:** DEPOT FIELD MOD TEAM **Installation Name:** AIRCRAFT SYSTEMS

Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	-	-

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0511 - EA-6 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): EA-6B AVIONICS AND STRUCTURAL IMPROVEMENTS (032-85) - 2
Models of Systems Affected: EA-6 SERIES	Type Modification: RELIABILITY/MISSION CAPABILITY	Related RDT&E PEs:

Installation: EA-6B AVIONICS AND STRUCTURAL IMPROVEMENTS (032-85)	Method of Implementation: DEPOT FIELD MOD TEAM	Installation Name: AIRCRAFT SYSTEMS
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Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	66	0.990	-	-	-	-	-	-	-	-	66	0.990
FY 2014	-	-	56	0.840	-	-	-	-	-	-	56	0.840
FY 2015	-	-	-	-	50	0.750	-	-	-	-	50	0.750
FY 2016	-	-	-	-	-	-	36	0.540	-	-	36	0.540
FY 2017	-	-	-	-	-	-	-	-	29	0.435	29	0.435
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	66	0.990	56	0.840	50	0.750	36	0.540	29	0.435	237	3.555

Installation Schedule																														
APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	-	-	-	-	-	-	-	-	17	17	16	16	14	14	14	14	13	13	12	12	9	9	9	9	29	237
Out	-	-	-	-	-	-	-	-	-	-	-	-	17	17	16	16	14	14	14	14	13	13	12	12	9	9	9	9	29	237

Installation: EA-6B AVIONICS AND STRUCTURAL IMPROVEMENTS (032-85)	Method of Implementation: DEPOT FIELD MOD TEAM	Installation Name: AIRCRAFT AVIONICS
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0511 - EA-6 Series
Modification Nomenclature (Modification Title, Modification Number): EA-6B AVIONICS AND STRUCTURAL IMPROVEMENTS (032-85) - 2		

Models of Systems Affected: EA-6 SERIES	Type Modification: RELIABILITY/MISSION CAPABILITY	Related RDT&E PEs:
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Installation: EA-6B AVIONICS AND STRUCTURAL IMPROVEMENTS (032-85)	Method of Implementation: DEPOT FIELD MOD TEAM	Installation Name: AIRCRAFT AVIONICS
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	-	-

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	66	0.990	-	-	-	-	-	-	-	-	66	0.990
FY 2014	-	-	56	0.840	-	-	-	-	-	-	56	0.840
FY 2015	-	-	-	-	50	0.750	-	-	-	-	50	0.750
FY 2016	-	-	-	-	-	-	36	0.540	-	-	36	0.540
FY 2017	-	-	-	-	-	-	-	-	29	0.435	29	0.435
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	66	0.990	56	0.840	50	0.750	36	0.540	29	0.435	237	3.555

Installation Schedule																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	-	-	-	-	-	-	-	-	-	17	17	16	16	14	14	14	14	13	13	12	12	9	9	9	9	29	237
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	17	17	16	16	14	14	14	14	13	13	12	12	9	9	9	9	29	237

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0511 - EA-6 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): EA-6B AVIONICS AND STRUCTURAL IMPROVEMENTS (032-85) - 2
Models of Systems Affected: EA-6 SERIES	Type Modification: RELIABILITY/MISSION CAPABILITY	Related RDT&E PEs:

Installation: EA-6B AVIONICS AND STRUCTURAL IMPROVEMENTS (032-85)	Method of Implementation: DEPOT FIELD MOD TEAM	Installation Name: AIRCRAFT STRUCTURES
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	-	-

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	56	0.840	-	-	-	-	-	-	-	-	56	0.840
FY 2014	-	-	50	0.750	-	-	-	-	-	-	50	0.750
FY 2015	-	-	-	-	36	0.540	-	-	-	-	36	0.540
FY 2016	-	-	-	-	-	-	29	0.435	-	-	29	0.435
FY 2017	-	-	-	-	-	-	-	-	23	0.345	23	0.345
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	56	0.840	50	0.750	36	0.540	29	0.435	23	0.345	194	2.910

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0511 - EA-6 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): EA-6B AVIONICS AND STRUCTURAL IMPROVEMENTS (032-85) - 2

Models of Systems Affected: EA-6 SERIES	Type Modification: RELIABILITY/MISSION CAPABILITY	Related RDT&E PEs:
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Installation: EA-6B AVIONICS AND STRUCTURAL IMPROVEMENTS (032-85)	Method of Implementation: DEPOT FIELD MOD TEAM	Installation Name: AIRCRAFT STRUCTURES
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Installation Schedule																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	-	-	-	-	-	-	-	-	-	14	14	14	14	13	13	12	12	9	9	9	9	8	7	7	7	23	194
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	14	14	14	14	13	13	12	12	9	9	9	9	8	7	7	7	23	194

Installation: EA-6B AVIONICS AND STRUCTURAL IMPROVEMENTS (032-85)	Method of Implementation: Not Installed - PRIOR YR (A KITS)	Installation Quantity: 3101
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Installation: EA-6B AVIONICS AND STRUCTURAL IMPROVEMENTS (032-85)	Method of Implementation: Not Installed - 2ND EGI/ ASN-130A REPLACEMENT	Installation Quantity: 113
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Installation: EA-6B AVIONICS AND STRUCTURAL IMPROVEMENTS (032-85)	Method of Implementation: Not Installed - AIRCRAFT WIRING UPGRADE	Installation Quantity: 60
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Installation: EA-6B AVIONICS AND STRUCTURAL IMPROVEMENTS (032-85)	Method of Implementation: Not Installed - AN/USQ-113 KITS	Installation Quantity: 257
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Installation: EA-6B AVIONICS AND STRUCTURAL IMPROVEMENTS (032-85)	Method of Implementation: Not Installed - DFCS	Installation Quantity: 112
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Installation: EA-6B AVIONICS AND STRUCTURAL IMPROVEMENTS (032-85)	Method of Implementation: Not Installed - FLIGHT CONTROL	Installation Quantity: 181
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Installation: EA-6B AVIONICS AND STRUCTURAL IMPROVEMENTS (032-85)	Method of Implementation: Not Installed - HYDRAULIC SYSTEMS UPGRADE	Installation Quantity: 88
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Installation: EA-6B AVIONICS AND STRUCTURAL IMPROVEMENTS (032-85)	Method of Implementation: Not Installed - OUTER WING PANEL	Installation Quantity: 1
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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0511 - EA-6 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): EA-6B AVIONICS AND STRUCTURAL IMPROVEMENTS (032-85) - 2
Models of Systems Affected: EA-6 SERIES	Type Modification: RELIABILITY/MISSION CAPABILITY	Related RDT&E PEs:
Installation: EA-6B AVIONICS AND STRUCTURAL IMPROVEMENTS (032-85)	Method of Implementation: Not Installed - OUTER WING PANEL (SUPP)	Installation Quantity: 47
Installation: EA-6B AVIONICS AND STRUCTURAL IMPROVEMENTS (032-85)	Method of Implementation: Not Installed - SDRS KIT	Installation Quantity: 122
Installation: EA-6B AVIONICS AND STRUCTURAL IMPROVEMENTS (032-85)	Method of Implementation: Not Installed - USQ-113 A KITS (SUPP)	Installation Quantity: 2
Installation: EA-6B AVIONICS AND STRUCTURAL IMPROVEMENTS (032-85)	Method of Implementation: Not Installed - WING CENTER SECTION	Installation Quantity: 114
Installation: EA-6B AVIONICS AND STRUCTURAL IMPROVEMENTS (032-85)	Method of Implementation: Not Installed - Installation Kits N/R	Installation Quantity: 4
Installation: EA-6B AVIONICS AND STRUCTURAL IMPROVEMENTS (032-85)	Method of Implementation: Not Installed - ASN-130A REPLACEMENT/2ND EGI	Installation Quantity: 1
Installation: EA-6B AVIONICS AND STRUCTURAL IMPROVEMENTS (032-85)	Method of Implementation: Not Installed - DFCS	Installation Quantity: 73
Installation: EA-6B AVIONICS AND STRUCTURAL IMPROVEMENTS (032-85)	Method of Implementation: Not Installed - EJECTION SEAT	Installation Quantity: 1
Installation: EA-6B AVIONICS AND STRUCTURAL IMPROVEMENTS (032-85)	Method of Implementation: Not Installed - HYDRAULIC SYSTEM UPGRADE - PR	Installation Quantity: 1
Installation: EA-6B AVIONICS AND STRUCTURAL IMPROVEMENTS (032-85)	Method of Implementation: Not Installed - POWER PC INTEGRATION	Installation Quantity: 4
Installation: EA-6B AVIONICS AND STRUCTURAL IMPROVEMENTS (032-85)	Method of Implementation: Not Installed - PRIOR YR EQUIPMENT (B Kits)	Installation Quantity: 1949
Installation: EA-6B AVIONICS AND STRUCTURAL IMPROVEMENTS (032-85)	Method of Implementation: Not Installed - USQ-113 EXT B KITS (SUPP)	Installation Quantity: 1

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0511 - EA-6 Series	Modification Nomenclature <i>(Modification Title, Modification Number):</i> EA-6B AVIONICS AND STRUCTURAL IMPROVEMENTS (032-85) - 2
Models of Systems Affected: EA-6 SERIES	Type Modification: RELIABILITY/MISSION CAPABILITY	Related RDT&E PEs:
Installation: EA-6B AVIONICS AND STRUCTURAL IMPROVEMENTS (032-85)	Method of Implementation: Not Installed - USQ-113 TOG B KITS (SUPP)	Installation Quantity: 2
Installation: EA-6B AVIONICS AND STRUCTURAL IMPROVEMENTS (032-85)	Method of Implementation: Not Installed - Training Equipment	Installation Quantity: 15
Installation: EA-6B AVIONICS AND STRUCTURAL IMPROVEMENTS (032-85)	Method of Implementation: Not Installed - PRIOR YR INSTALLATION COST	Installation Quantity: 1473

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0511 - EA-6 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): ICAP III (001-01) - 3

Models of Systems Affected: EA-6 SERIES	Type Modification: SAFETY OF FLIGHT / RELIABILITY	Related RDT&E PEs:
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	484.484	0.000	12.476	12.923	0.000	12.923	6.564	4.008	3.098	3.149	0.000	526.702
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	484.484	0.000	12.476	12.923	0.000	12.923	6.564	4.008	3.098	3.149	0.000	526.702
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	484.484	0.000	12.476	12.923	0.000	12.923	6.564	4.008	3.098	3.149	0.000	526.702

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

This Operational and Safety Improvement Program covers the EA-6B Improved Capabilities III (ICAP III) system modifications to install radar and improve communication receivers, displays, and connectivity. This modification removed over 70 aging and unreliable Weapons Replaceable Assemblies. Specifically, the modification program replaced the ALQ-99 Receiver System with the ALQ-218 receiver system, replaced the TDY-43 display system with a new COTS based display system for the Pilot and three Electronic Countermeasures Officers (ECMOs), upgraded the Recorder Reproducer Set with a new Digital Recorder, incorporated the Multi-Mission Advanced Tactical Terminal to provide reception of data links, incorporated the USQ-113 Communication Receiver/Jammer with the ALQ-218, updated mission planning for ICAP III to Joint Mission Planning System (JMPS), and incorporated Link-16 to include basic electronic warfare battle management capabilities. The plan to mature all 32 ICAP III to full potential consists of Block upgrades with deliveries approximately 24 months apart. LITENING Pod integration provides a demonstrated capability and usefulness to support integrated targeting and convoy protection when using the AN/AAQ-28 LITENING Pod system on AV/8B aircraft in conjunction with EA-6B aircraft.

AVIONICS KITS: Software/hardware modifications for capability improvements and to address obsolescence issues. Hardware modification kits include APX118 to APX123 conversion, MIDs block upgrades, MATT replacement, CRYPTO mod kits, and associated hardware for future block improvements to correct critical deficiencies in detection & identification of radar threats in 21st Century Electronic Warfare Environments.

ICAP III BLOCK MODIFICATION/UPGRADES: Efforts associated with the integration of future block upgrades to correct deficiencies and capitalization of advanced technology to improve performance.

MISSION PLANNING ENVIRONMENT (MPE): MPE requirements include upgrades to the MPE baseline as improvements via ICAP III Block upgrades arise. MPE requires framework integration upgrades to avoid Microsoft Operating System obsolescence and out of cycle technology refresh of Mission Planning laptops in a Windows 7 environment.

JAMMER MANAGEMENT REHOST (JMR):

Rehosting of mission software in Higher Order Language provides a significant reduction in cycle time and allows timely response to evolving threats. JMR reduces maintenance costs for future mission software updates, enables additional jammer control unachievable with current code, and greatly enhances our ability to respond to changing world threats at significantly reduced cost.

HARM BLOCK 5A MISSILE CONTROL: All HARM Block 5 missiles in the fleet are being converted to Block 5A. EA-6B aircraft requires software and control panel modifications as well as integration efforts for HARM Block 5A missile control.

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0511 - EA-6 Series	Modification Nomenclature <i>(Modification Title, Modification Number):</i> ICAP III (001-01) - 3
Models of Systems Affected: EA-6 SERIES	Type Modification: SAFETY OF FLIGHT / RELIABILITY	Related RDT&E PEs:
<p>Additional outyear funds are provided to ensure aircraft mission systems readiness and reliability to counter increasingly sophisticated and agile threats to Fleet and Operating Forces throughout the remaining airframe service. These must be applied to all ICAP II and ICAP III systems, to include; the avionics, mission system hardware, mission system software, mission planning environment, and all other aircraft mission sub-systems.</p> <p>DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: : Following a Full and Open Competition, Milestone II approval was received, and an Engineering and Manufacturing Development (EMD) RDT&E development contract was awarded to the Northrop Grumman Corporation in March 1998. Following a DT/OT test period, completion of an OA and an LRIP decision, an LRIP contract was awarded in FY03. Following completion of OPEVAL and a Milestone III decision, a full rate production contract was awarded in the 2nd quarter FY06. Additional Full Rate Production contracts designated for Lot 3 & Lot 4 were awarded in FY08.</p>		

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0511 - EA-6 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): ICAP III (001-01) - 3

Models of Systems Affected: EA-6 SERIES	Type Modification: SAFETY OF FLIGHT / RELIABILITY	Related RDT&E PEs:
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
ICAP III (001-01)												
A Kits												
Recurring												
1.1.1) ICAP III - NonOrganic	30	292.890	-	-	-	-	-	-	-	-	-	-
1.1.2) AVIONICS - NonOrganic	-	-	-	-	92	5.700	66	3.100	-	-	66	3.100
1.1.3) LITENING - Organic	-	0.848	-	-	-	-	-	-	-	-	-	-
<i>Subtotal Recurring</i>		293.738		0.000		5.700		3.100		0.000		3.100
NonRecurring												
1.2.1) Installation Kits N/R - Organic	-	5.972	-	-	-	-	-	1.500	-	-	-	1.500
<i>Subtotal NonRecurring</i>		5.972		0.000		0.000		1.500		0.000		1.500
B Kits												
Recurring												
2.1.1) Installation Equipment - Organic	-	9.650	-	-	-	-	-	-	-	-	-	-
<i>Subtotal Recurring</i>		9.650		0.000		0.000		0.000		0.000		0.000
NonRecurring												
2.2.1) Installation Equipment N/R - Organic	-	1.728	-	-	-	2.700	-	-	-	-	-	-
<i>Subtotal NonRecurring</i>		1.728		0.000		2.700		0.000		0.000		0.000
<i>Total, ICAP III (001-01)</i>	30	311.088	-	-	92	8.400	66	4.600	-	-	66	4.600
<i>Total, All Modifications</i>		311.088		0.000		8.400		4.600		0.000		4.600
Support												
3.1) Integration	-	-	-	-	-	-	-	2.760	-	-	-	2.760
3.2) Engineering Change Orders	-	0.000	-	-	-	-	-	-	-	-	-	-
3.3) Data	-	1.458	-	-	-	-	-	-	-	-	-	-
3.4) Training Equipment	2	79.118	-	-	-	-	10	0.500	-	-	10	0.500
3.5) Support Equipment	-	18.249	-	-	-	-	-	0.600	-	-	-	0.600
3.6) ILS	-	5.051	-	-	-	0.564	-	0.600	-	-	-	0.600
3.7) Other Support	-	36.122	-	-	-	3.512	-	2.563	-	-	-	2.563

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0511 - EA-6 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): ICAP III (001-01) - 3

Models of Systems Affected: EA-6 SERIES	Type Modification: SAFETY OF FLIGHT / RELIABILITY	Related RDT&E PEs:
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
3.8) Interim Contractor Support	-	0.058	-	-	-	-	-	-	-	-	-	-
Total Support Cost		140.056		0.000		4.076		7.023		0.000		7.023
Procurement Cost (Procurement + Support)		451.144		0.000		12.476		11.623		0.000		11.623
Total Installation Cost		33.340		0.000		0.000		1.300		0.000		1.300
Total Cost (Procurement + Support + Installation)		484.484		0.000		12.476		12.923		0.000		12.923

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
ICAP III (001-01)												
A Kits												
Recurring												
1.1.1) ICAP III - NonOrganic	-	-	-	-	-	-	-	-	-	-	30	292.890
1.1.2) AVIONICS - NonOrganic	32	1.600	32	1.600	32	1.600	-	-	-	-	254	13.600
1.1.3) LITENING - Organic	-	-	-	-	-	-	-	-	-	-	-	0.848
Subtotal Recurring		1.600		1.600		1.600		0.000		0.000		307.338
NonRecurring												
1.2.1) Installation Kits N/R - Organic	-	0.895	-	0.200	-	-	-	-	-	-	-	8.567
Subtotal NonRecurring		0.895		0.200		0.000		0.000		0.000		8.567
B Kits												
Recurring												
2.1.1) Installation Equipment - Organic	-	-	-	-	-	-	-	0.200	-	-	-	9.850
Subtotal Recurring		0.000		0.000		0.000		0.200		0.000		9.850
NonRecurring												
2.2.1) Installation Equipment N/R - Organic	-	-	-	-	-	-	-	-	-	-	-	4.428
Subtotal NonRecurring		0.000		0.000		0.000		0.000		0.000		4.428
Total, ICAP III (001-01)	32	2.495	32	1.800	32	1.600	-	0.200	-	-	284	330.183
Total, All Modifications		2.495		1.800		1.600		0.200		0.000		330.183

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0511 - EA-6 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): ICAP III (001-01) - 3
Models of Systems Affected: EA-6 SERIES	Type Modification: SAFETY OF FLIGHT / RELIABILITY	Related RDT&E PEs:

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Support												
3.1) Integration	-	0.742	-	0.500	-	0.477	-	0.554	-	-	-	5.033
3.2) Engineering Change Orders	-	-	-	-	-	-	-	-	-	-	-	-
3.3) Data	-	-	-	-	-	-	-	0.500	-	-	-	1.958
3.4) Training Equipment	-	-	-	-	-	-	-	-	-	-	12	79.618
3.5) Support Equipment	-	-	-	-	-	-	-	0.117	-	-	-	18.966
3.6) ILS	-	0.130	-	0.125	-	0.120	-	0.200	-	-	-	6.790
3.7) Other Support	-	2.357	-	1.083	-	0.401	-	1.078	-	-	-	47.116
3.8) Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	0.058
<i>Total Support Cost</i>		3.229		1.708		0.998		2.449		0.000		159.539
<i>Procurement Cost (Procurement + Support)</i>		5.724		3.508		2.598		2.649		0.000		489.722
<i>Total Installation Cost</i>		0.840		0.500		0.500		0.500		0.000		36.980
Total Cost (Procurement + Support + Installation)		6.564		4.008		3.098		3.149		0.000		526.702

Remarks:

Manufacturer Information: ICAP III (001-01)

Manufacturer Name: Northrup Grumman-ICAP III					Manufacturer Location: Not Specified		
Administrative Leadtime (in Months): 3					Production Leadtime (in Months): 6		
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates							
Delivery Dates							

Manufacturer Name: TBD-Avionics					Manufacturer Location: TBD		
Administrative Leadtime (in Months): 6					Production Leadtime (in Months): 6		
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates		Mar 2012	Mar 2013	Mar 2014			
Delivery Dates		Oct 2012	Oct 2013	Oct 2014			

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0511 - EA-6 Series
Models of Systems Affected: EA-6 SERIES		Modification Nomenclature (<i>Modification Title, Modification Number</i>): ICAP III (001-01) - 3
Type Modification: SAFETY OF FLIGHT / RELIABILITY		Related RDT&E PEs:

Installation: ICAP III (001-01)		Method of Implementation: COMMERCIAL				Installation Name: ICAP III						
Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	30	33.340	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	30	33.340	-	-	-	-	-	-	-	-	-	-

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	30	33.340
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	30	33.340

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0511 - EA-6 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): ICAP III (001-01) - 3

Models of Systems Affected: EA-6 SERIES	Type Modification: SAFETY OF FLIGHT / RELIABILITY	Related RDT&E PEs:
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Installation: ICAP III (001-01)	Method of Implementation: COMMERCIAL	Installation Name: ICAP III
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Installation Schedule

	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Out	19	2	2	3	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Installation: ICAP III (001-01)	Method of Implementation: DEPOT FIELD MOD TEAM	Installation Name: AVIONICS
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	92	1.300	0	0.000	92	1.300
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	92	1.300	0	0.000	92	1.300

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	92	1.300
FY 2013	66	0.840	-	-	-	-	-	-	-	-	66	0.840
FY 2014	-	-	32	0.500	-	-	-	-	-	-	32	0.500
FY 2015	-	-	-	-	32	0.500	-	-	-	-	32	0.500

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0511 - EA-6 Series
Models of Systems Affected: EA-6 SERIES		Modification Nomenclature (<i>Modification Title, Modification Number</i>): ICAP III (001-01) - 3
Type Modification: SAFETY OF FLIGHT / RELIABILITY		Related RDT&E PEs:

Installation: ICAP III (001-01)	Method of Implementation: DEPOT FIELD MOD TEAM	Installation Name: AVIONICS
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Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
FY 2016	-	-	-	-	-	-	32	0.500	-	-	32	0.500
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	66	0.840	32	0.500	32	0.500	32	0.500	-	-	254	3.640

Installation Schedule		FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot				
	APY	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4						
In	-	-	-	-	-	-	-	-	-	23	23	23	23	16	16	17	17	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	-	254
Out	-	-	-	-	-	-	-	-	-	23	23	23	23	16	16	17	17	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	-	254

Installation: ICAP III (001-01)	Method of Implementation: Not Installed - Training Equipment	Installation Quantity: 12
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Exhibit P-3A, Individual Modification: PB 2013 Navy							Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0511 - EA-6 Series				Modification Nomenclature (<i>Modification Title, Modification Number</i>): INACTIVE OSIPS - 4				
Models of Systems Affected: EA-6 SERIES			Type Modification: RELIABILITY / MISSION CAPABILITY				Related RDT&E PEs:					

Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	638.700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	638.700
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	638.700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	638.700
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	638.700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	638.700

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0511 - EA-6 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): INACTIVE OSIPS - 4

Models of Systems Affected: EA-6 SERIES	Type Modification: RELIABILITY / MISSION CAPABILITY	Related RDT&E PEs:
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
INACTIVE OSIPS												
A Kits												
Recurring												
1.1.1) INACTIVE OSIPS - Organic	-	638.700	-	-	-	-	-	-	-	-	-	-
<i>Subtotal Recurring</i>		638.700		0.000		0.000		0.000		0.000		0.000
<i>Total, INACTIVE OSIPS</i>	-	638.700	-	-	-	-	-	-	-	-	-	-
<i>Total, All Modifications</i>		638.700		0.000		0.000		0.000		0.000		0.000
<i>Procurement Cost (Procurement + Support)</i>		638.700		0.000		0.000		0.000		0.000		0.000
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		638.700		0.000		0.000		0.000		0.000		0.000

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
INACTIVE OSIPS												
A Kits												
Recurring												
1.1.1) INACTIVE OSIPS - Organic	-	-	-	-	-	-	-	-	-	-	-	638.700
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		638.700
<i>Total, INACTIVE OSIPS</i>	-	-	-	-	-	-	-	-	-	-	-	638.700
<i>Total, All Modifications</i>		0.000		0.000		0.000		0.000		0.000		638.700
<i>Procurement Cost (Procurement + Support)</i>		0.000		0.000		0.000		0.000		0.000		638.700
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		0.000		0.000		0.000		0.000		0.000		638.700

Remarks:

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Exhibit P-3A, Individual Modification: PB 2013 Navy					Date: February 2012		
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1			P-1 Line Item Nomenclature: 0511 - EA-6 Series			Modification Nomenclature (<i>Modification Title, Modification Number</i>): INACTIVE OSIPS - 4	
Models of Systems Affected: EA-6 SERIES		Type Modification: RELIABILITY / MISSION CAPABILITY			Related RDT&E PEs:		
Manufacturer Information: INACTIVE OSIPS							
Manufacturer Name: Manufacturer Name Not Provided.				Manufacturer Location: Manufacturer Location Not Provided.			
Administrative Leadtime (<i>in Months</i>):				Production Leadtime (<i>in Months</i>):			
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates							
Delivery Dates							
Installation: INACTIVE OSIPS		Method of Implementation: No Quantities Associated with Install			Installation Quantity: 0		

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Exhibit P-40, Budget Item Justification Sheet: PB 2013 Navy **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 1506N : Aircraft Procurement, Navy / BA 5 : Modification of Aircraft / BSA 1 : Modification Of Aircraft	P-1 Line Item Nomenclature: 0513 - AEA Systems
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ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	-	29.601	77.365	49.999	-	49.999	48.878	59.692	43.688	41.870	Continuing	Continuing
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	29.601	77.365	49.999	-	49.999	48.878	59.692	43.688	41.870	Continuing	Continuing
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	-	29.601	77.365	49.999	-	49.999	48.878	59.692	43.688	41.870	Continuing	Continuing

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

This line item funds modifications to Airborne Electronic Attack (AEA) products used on multiple platforms. Modifications budgeted and programmed include: procurement of Low Band Transmitter Antenna Group (LBT AG) inventory, AN/ALQ-99 Tactical Jamming System upgrades and related sustainability, capability, and viability modifications, Airborne Electronic Attack Expendable (AEAE) upgrades and integration, and Area Chaff Dispenser (ALE-43) upgrades and integration. AEA will support procurement of new technologies and equipment as needed to combat emerging electronic warfare (EW) technology and systems.

Item Schedule		Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total			
Item Nomenclature*	Exhibits	ID CD	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Airborne Electronic Attack (AEA) Systems (OSIP 007-11) - 1	P3A		-	-	0.000	-	-	29.601	-	-	69.665	-	-	49.799	-	-	0.000	-	-	49.799
Airborne Electronic Attack Expendable (AEAE) (OSIP 009-12) - 2	P3A		-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.200	-	-	0.000	-	-	0.200
Intrepid Tiger II (ALQ-231) (OSIP 022-12) - 3	P3A		-	-	0.000	-	-	0.000	-	-	7.700	-	-	0.000	-	-	0.000	-	-	0.000
Area Chaff Dispenser (OSIP 012-14) - 4	P3A		-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000
Total Gross/Weapon System Cost								29.601			77.365			49.999			-			49.999

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Exhibit P-40, Budget Item Justification Sheet: PB 2013 Navy **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity:
1506N : Aircraft Procurement, Navy / BA 5 : Modification of Aircraft / BSA 1 :
Modification Of Aircraft

P-1 Line Item Nomenclature:
0513 - AEA Systems

ID Code (A=Service Ready, B=Not Service Ready) : A **Program Elements for Code B Items:** **Other Related Program Elements:**

Item Nomenclature*	Exhibits	ID CD	FY 2014			FY 2015			FY 2016			FY 2017			To Complete			Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Airborne Electronic Attack (AEA) Systems (OSIP 007-11) - 1	P3A		-	-	40.078	-	-	28.892	-	-	35.963	-	-	30.945	-	-	-	-	-	-
Airborne Electronic Attack Expendable (AEAE) (OSIP 009-12) - 2	P3A		-	-	0.000	-	-	0.000	-	-	0.000	-	-	9.900	-	-	0.000	-	-	10.100
Intrepid Tiger II (ALQ-231) (OSIP 022-12) - 3	P3A		-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	7.700
Area Chaff Dispenser (OSIP 012-14) - 4	P3A		-	-	8.800	-	-	30.800	-	-	7.725	-	-	1.025	-	-	-	-	-	-
Total Gross/Weapon System Cost					48.878			59.692			43.688			41.870			-			-

*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.

Justification:

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0513 - AEA Systems	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Airborne Electronic Attack (AEA) Systems (OSIP 007-11) - 1

Models of Systems Affected: MULTIPLE PLATFORMS	Type Modification: RELIABILITY / MISSION CAPABILITY	Related RDT&E PEs:
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	0.000	29.601	69.665	49.799	0.000	49.799	40.078	28.892	35.963	30.945	Continuing	Continuing
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	0.000	29.601	69.665	49.799	0.000	49.799	40.078	28.892	35.963	30.945	Continuing	Continuing
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	0.000	29.601	69.665	49.799	0.000	49.799	40.078	28.892	35.963	30.945	Continuing	Continuing

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

LOW BAND TRANSMITTER Antenna Group (LBT AG): LBT AG provides an expanded jamming capability against Early Warning/Acquisition Radars and Communication Links of modern Integrated Air Defense Systems. LBT AG reliability and maintainability is greatly improved over current low band ALQ-99 Transmitters. ALQ-99 Transmitters are readily removed and installed Weapons Replaceable Assemblies within the ALQ-99 Tactical Jamming System (TJS) Pod. Aircraft Operational Flight Program changes are required to support aircraft integration of this transmitter.

LBT AG replaces three AN/ALQ-99 transmitters and experiences new and greatly expanded employment in Overseas Contingency Operations (OCO), providing protection to Coalition air and ground units in continuous and direct contact with enemy forces. LBT AG combines the functionality of the modified transmitters into a single, highly reliable, solid state transmitter that increases both availability and mission effectiveness. LBT AG increases reliability and flexibility. OCO support requires sustained jamming and results in high system failure rates; however, LBT AG is an O-Level remove and replace item that supports hi-tempo operations. This capability will be available for all EA-6B/EA-18G aircraft, which includes four Naval Air Reserve aircraft. The Extended Low Band Radome (ELBR) currently flown on the EA-6B is structurally incompatible with the EA-18G. Production of compatible EA-18G Extended Low Band Radomes (GELBRs) is required for integration of the ALQ-99 onto the EA-18G.

INSTALLATION EQUIPMENT N/R: ALQ-99 TJS obsolescence mitigation efforts and reliability enhancements require non-recurring engineering for ALQ-99 TJS components such as the Hardback, the Universal Exciter Upgrade (UEU), LBT AG, Band 5/6 Transmitters, Band 9/10 Transmitters, and Bands 4-8 Transmitters.

SUPPORT EQUIPMENT: Introduction of new/modified ALQ-99 pod equipment requires new/modified organizational, intermediate, and depot level support equipment; such as modifications and additions to the pod test set to support LBT AG and modifications to the High Power Device Test Set to extend frequency coverage to test Band 9/10 transmitters. Required changes to existing support equipment will improve reliability, maintainability, availability, address obsolescence issues, and correct deficiencies found in testing or in the field.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: Following a competitive acquisition and Milestone II approval, Engineering and Manufacturing Prototype and Low Rate Initial Production (LRIP) testing conducted at government and contractor facilities successfully demonstrated the key performance parameters identified in OPNAV/N88 ltr Ser No. N880C3/6S663399 of 26 JUL 96 can be attained with the present LBT design. LRIP unit Testing began in April 2007, Milestone III was achieved in April 2008 and a Full Rate Production (FRP) contract was awarded June 2008. In response to the increasing force protection requirement, an Early Operational Capability (EOC) for LBT was met in August 2006.

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0513 - AEA Systems	Modification Nomenclature <i>(Modification Title, Modification Number):</i> Airborne Electronic Attack (AEA) Systems (OSIP 007-11) - 1
Models of Systems Affected: MULTIPLE PLATFORMS	Type Modification: RELIABILITY / MISSION CAPABILITY	Related RDT&E PEs:

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Exhibit P-3A, Individual Modification: PB 2013 Navy								Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0513 - AEA Systems				Modification Nomenclature (<i>Modification Title, Modification Number</i>): Airborne Electronic Attack (AEA) Systems (OSIP 007-11) - 1					
Models of Systems Affected: MULTIPLE PLATFORMS				Type Modification: RELIABILITY / MISSION CAPABILITY				Related RDT&E PEs:					
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
Airborne Electronic Attack (AEA) Systems (OSIP 007-11)													
B Kits													
Recurring													
2.1.1) EXTENDED LOW BAND RADOME (GELBR) - Organic	-	-	28	3.278	26	3.100	18	2.300	-	-	18	2.300	
2.1.10) CALORIMETER CHILLER SYSTEM - Organic	-	-	-	-	-	-	-	-	-	-	-	-	
2.1.11) HARDBACK - Organic	-	-	-	-	-	-	-	-	-	-	-	-	
2.1.12) LOW BAND TRANSMITTER - Organic	-	-	9	11.200	45	60.854	22	30.226	-	-	22	30.226	
<i>Subtotal Recurring</i>		0.000		14.478		63.954		32.526		0.000		32.526	
NonRecurring													
2.2.1) Intallation Equipment N/R - Organic	-	-	-	6.397	-	2.100	-	11.004	-	-	-	11.004	
<i>Subtotal NonRecurring</i>		0.000		6.397		2.100		11.004		0.000		11.004	
<i>Total, Airborne Electronic Attack (AEA) Systems (OSIP 007-11)</i>	-	-	37	20.875	71	66.054	40	43.530	-	-	40	43.530	
<i>Total, All Modifications</i>		0.000		20.875		66.054		43.530		0.000		43.530	
Support													
3.1) Engineering Change Orders	-	-	-	4.132	-	1.805	-	-	-	-	-	-	
3.2) Data	-	-	-	0.027	-	-	-	0.047	-	-	-	0.047	
3.3) Training Equipment	-	0.000	-	-	-	-	-	-	-	-	-	-	
3.4) Support Equipment	-	-	-	0.025	-	-	-	2.085	-	-	-	2.085	
3.5) ILS	-	-	-	4.041	-	1.806	-	2.963	-	-	-	2.963	
3.6) Other Support	-	-	-	0.501	-	-	-	1.174	-	-	-	1.174	
3.7) Interim Contractor Support	-	0.000	-	-	-	-	-	-	-	-	-	-	
<i>Total Support Cost</i>		0.000		8.726		3.611		6.269		0.000		6.269	
<i>Procurement Cost (Procurement + Support)</i>		0.000		29.601		69.665		49.799		0.000		49.799	
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000	
Total Cost (Procurement + Support + Installation)		0.000		29.601		69.665		49.799		0.000		49.799	

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0513 - AEA Systems	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Airborne Electronic Attack (AEA) Systems (OSIP 007-11) - 1

Models of Systems Affected: MULTIPLE PLATFORMS	Type Modification: RELIABILITY / MISSION CAPABILITY	Related RDT&E PEs:
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
Airborne Electronic Attack (AEA) Systems (OSIP 007-11)												
B Kits												
Recurring												
2.1.1) EXTENDED LOW BAND RADOME (GELBR) - Organic	-	-	-	-	-	-	-	-	Continuing	Continuing	Continuing	Continuing
2.1.10) CALORIMETER CHILLER SYSTEM - Organic	8	0.638	14	0.956	7	0.531	-	-	-	-	29	2.125
2.1.11) HARDBACK - Organic	-	-	-	-	-	-	50	10.100	-	-	50	10.100
2.1.12) LOW BAND TRANSMITTER - Organic	12	17.873	-	-	-	-	-	-	-	-	88	120.153
<i>Subtotal Recurring</i>		18.511		0.956		0.531		10.100		0.000		132.378
NonRecurring												
2.2.1) Intallation Equipment N/R - Organic	-	11.904	-	14.947	-	23.959	-	14.632	-	-	-	84.943
<i>Subtotal NonRecurring</i>		11.904		14.947		23.959		14.632		0.000		84.943
<i>Total, Airborne Electronic Attack (AEA) Systems (OSIP 007-11)</i>	20	30.415	14	15.903	7	24.490	50	24.732	Continuing	Continuing	Continuing	Continuing
<i>Total, All Modifications</i>		30.415		15.903		24.490		24.732		0.000		0.000
Support												
3.1) Engineering Change Orders	-	-	-	-	-	-	-	-	-	-	-	5.937
3.2) Data	-	0.069	-	0.079	-	0.100	-	-	-	-	-	0.322
3.3) Training Equipment	-	-	-	-	-	-	-	-	-	-	-	-
3.4) Support Equipment	-	3.576	-	5.678	-	3.816	-	1.681	-	-	-	16.861
3.5) ILS	-	4.187	-	4.280	-	4.386	-	4.490	-	-	-	26.153
3.6) Other Support	-	1.831	-	2.952	-	3.171	-	0.042	-	-	-	9.671
3.7) Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		9.663		12.989		11.473		6.213		0.000		58.944
<i>Procurement Cost (Procurement + Support)</i>		40.078		28.892		35.963		30.945		0.000		58.944
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		40.078		28.892		35.963		30.945		0.000		58.944

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Exhibit P-3A, Individual Modification: PB 2013 Navy						Date: February 2012	
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1			P-1 Line Item Nomenclature: 0513 - AEA Systems			Modification Nomenclature (<i>Modification Title, Modification Number</i>): Airborne Electronic Attack (AEA) Systems (OSIP 007-11) - 1	
Models of Systems Affected: MULTIPLE PLATFORMS			Type Modification: RELIABILITY / MISSION CAPABILITY			Related RDT&E PEs:	
Remarks:							
Manufacturer Information: Airborne Electronic Attack (AEA) Systems (OSIP 007-11)							
Manufacturer Name: Manufacturer Name Not Provided.				Manufacturer Location: Manufacturer Location Not Provided.			
Administrative Leadtime (<i>in Months</i>):				Production Leadtime (<i>in Months</i>):			
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates							
Delivery Dates							
Installation: Airborne Electronic Attack (AEA) Systems (OSIP 007-11)							
Method of Implementation: Organic - EXTENDED LOW BAND RADOME (GELBR)			Installation Quantity: 72				
Installation: Airborne Electronic Attack (AEA) Systems (OSIP 007-11)							
Method of Implementation: Not Installed - CALORIMETER CHILLER SYSTEM			Installation Quantity: 29				
Installation: Airborne Electronic Attack (AEA) Systems (OSIP 007-11)							
Method of Implementation: Not Installed - HARDBACK			Installation Quantity: 50				
Installation: Airborne Electronic Attack (AEA) Systems (OSIP 007-11)							
Method of Implementation: Organic - LOW BAND TRANSMITTER			Installation Quantity: 88				

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0513 - AEA Systems	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Airborne Electronic Attack Expendable (AEAE) (OSIP 009-12) - 2

Models of Systems Affected: MULTIPLE PLATFORMS	Type Modification: RELIABILITY / MISSION CAPABILITY	Related RDT&E PEs: 0604270N
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	0.000	0.000	0.000	0.200	0.000	0.200	0.000	0.000	0.000	9.900	0.000	10.100
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	0.000	0.000	0.000	0.200	0.000	0.200	0.000	0.000	0.000	9.900	0.000	10.100
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	0.000	0.000	0.000	0.200	0.000	0.200	0.000	0.000	0.000	9.900	0.000	10.100

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The Airborne Electronic Attack Expendable (AEAE) program will address unmitigated Integrated Air Defense System (IADS) threats in the mid term by implementing ADM-160 Miniature Air Launched Decoy-Jammer(MALD-J) expendable active electronic attack variant platforms capable of deception and jamming against multi-function phased array Target Engagement Radars (TERs) and other EW threats. Additionally, the AEAE program will also field the CERBERUS payload for the MALD-J. This program will produce and field a tactical air launched decoy with jammer payloads capable of being supported and maintained in future years. Original efforts assessed the ITALD-J vehicle, and will now assess use and modifications of the MALD vehicle and payloads to meet operational requirements in naval scenario and environments, and to correct deficiencies.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES:

Modification of AEAE payload within ITALD-J capabilities complete. Efforts will purchase modified MALD platforms to support Electronic Attack System (EAS) jammer payload.

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0513 - AEA Systems	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Airborne Electronic Attack Expendable (AEAE) (OSIP 009-12) - 2

Models of Systems Affected: MULTIPLE PLATFORMS	Type Modification: RELIABILITY / MISSION CAPABILITY	Related RDT&E PEs: 0604270N
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
Airborne Electronic Attack Expendable (AEAE) (OSIP 009-12)												
B Kits												
Recurring												
2.1.1) Installation Equipment - Organic	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		0.000
NonRecurring												
2.2.1) Installation Equipment N/R - Organic	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		0.000
<i>Total, Airborne Electronic Attack Expendable (AEAE) (OSIP 009-12)</i>	-	-	-	-	-	-	-	-	-	-	-	-
<i>Total, All Modifications</i>		0.000		0.000		0.000		0.000		0.000		0.000
Support												
3.1) ECO	-	0.000	-	-	-	-	-	-	-	-	-	-
3.2) Data	-	0.000	-	-	-	-	-	-	-	-	-	-
3.3) Training Equipment	-	0.000	-	-	-	-	-	-	-	-	-	-
3.4) Support Equipment	-	0.000	-	-	-	-	-	-	-	-	-	-
3.5) ILS	-	0.000	-	-	-	-	-	-	-	-	-	-
3.6) Other Support	-	-	-	-	-	-	-	0.200	-	-	-	0.200
3.7) Interim Contractor Support	-	0.000	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		0.000		0.000		0.000		0.200		0.000		0.200
<i>Procurement Cost (Procurement + Support)</i>		0.000		0.000		0.000		0.200		0.000		0.200
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		0.000		0.000		0.000		0.200		0.000		0.200

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0513 - AEA Systems	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Airborne Electronic Attack Expendable (AEAE) (OSIP 009-12) - 2

Models of Systems Affected: MULTIPLE PLATFORMS	Type Modification: RELIABILITY / MISSION CAPABILITY	Related RDT&E PEs: 0604270N
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Airborne Electronic Attack Expendable (AEAE) (OSIP 009-12)												
B Kits												
Recurring												
2.1.1) Installation Equipment - Organic	-	-	-	-	-	-	18	9.000	-	-	18	9.000
<i>Subtotal Recurring</i>		0.000		0.000		0.000		9.000		0.000		9.000
NonRecurring												
2.2.1) Installation Equipment N/R - Organic	-	-	-	-	-	-	-	0.900	-	-	-	0.900
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.900		0.000		0.900
<i>Total, Airborne Electronic Attack Expendable (AEAE) (OSIP 009-12)</i>	-	-	-	-	-	-	18	9.900	-	-	18	9.900
<i>Total, All Modifications</i>		0.000		0.000		0.000		9.900		0.000		9.900
Support												
3.1) ECO	-	-	-	-	-	-	-	-	-	-	-	-
3.2) Data	-	-	-	-	-	-	-	-	-	-	-	-
3.3) Training Equipment	-	-	-	-	-	-	-	-	-	-	-	-
3.4) Support Equipment	-	-	-	-	-	-	-	-	-	-	-	-
3.5) ILS	-	-	-	-	-	-	-	-	-	-	-	-
3.6) Other Support	-	-	-	-	-	-	-	-	-	-	-	0.200
3.7) Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		0.000		0.000		0.000		0.000		0.000		0.200
<i>Procurement Cost (Procurement + Support)</i>		0.000		0.000		0.000		9.900		0.000		10.100
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		0.000		0.000		0.000		9.900		0.000		10.100

Remarks:

Manufacturer Information: Airborne Electronic Attack Expendable (AEAE) (OSIP 009-12)	
Manufacturer Name: TBD	Manufacturer Location: TBD
Administrative Leadtime (in Months): 0	Production Leadtime (in Months): 0

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Exhibit P-3A, Individual Modification: PB 2013 Navy						Date: February 2012	
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1			P-1 Line Item Nomenclature: 0513 - AEA Systems			Modification Nomenclature (<i>Modification Title, Modification Number</i>): Airborne Electronic Attack Expendable (AEAE) (OSIP 009-12) - 2	
Models of Systems Affected: MULTIPLE PLATFORMS			Type Modification: RELIABILITY / MISSION CAPABILITY			Related RDT&E PEs: 0604270N	
Manufacturer Information: Airborne Electronic Attack Expendable (AEAE) (OSIP 009-12)							
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates							
Delivery Dates							
Installation: Airborne Electronic Attack Expendable (AEAE) (OSIP 009-12)			Method of Implementation: Organic - Installation Equipment			Installation Quantity: 18	

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0513 - AEA Systems	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Intrepid Tiger II (ALQ-231) (OSIP 022-12) - 3

Models of Systems Affected: MULTIPLE PLATFORMS	Type Modification: RELIABILITY / MISSION CAPABILITY	Related RDT&E PEs:
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	0.000	0.000	7.700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.700
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	0.000	0.000	7.700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.700
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	0.000	0.000	7.700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.700

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

Effort for Intrepid Tiger II capability is designed to expand Electronic Warfare (EW) effectiveness against current threats and provide adaptability to future threats. Key to this capability is network accessibility that includes CORPORAL derived infrastructure and EW services for integration on multiple aviation platforms including the AV-8B Harrier, F/A-18, and UAS platforms.

The design includes Open Architecture compliant and easily expandable hardware and software. Technique Generator Upgrades: Upgrades will enable new techniques to provide additional capability that counters existing and anticipated threat systems while maintaining an open architecture to allow future counter threat upgrades. Antenna Upgrades: Upgrades will expand transmit and receive frequency coverage to that of current and anticipated threat systems dynamically operating in a broad spectrum. Network and EW Services Upgrade: Will enable a non-co-located operator access to pod functions and information exchanges via radio signals to enhance operational and tactical flexibility. Interface Upgrades: Will enable ground and air based users to configure and monitor pod status, operation and effectiveness. Other Supporting Upgrades: Includes hardware and software components that enable functions of power, cooling, status, control and connectivity as through processors, sensors, radios, RF components and support equipment critical to overall pod and system operation to include techniques, mission planning, operational execution, postflight analysis and shipping containers.

SUPPORT EQUIPMENT: Introduction of new/modified ALQ-231 equipment requires new/modified organizational, intermediate and depot level support equipment. Changes to existing support equipment will be needed to improve reliability/maintainability/availability, address obsolescence issues, and correct deficiencies found in testing or in the field.

ENGINEERING CHANGES: This ALQ-231 Program covers system modifications required to improve reliability/maintainability/availability, enhance mission capability, interface/integrate with evolving Electronic Attack systems, resolve obsolescence issues, and correct deficiencies found in testing or in the field.

In FY13, Intrepid Tiger II (ALQ-231) moved from PE 0204154N BLI 0513 to PE 0206143M BLI 0587 to align effort with Resource Sponsor.

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0513 - AEA Systems	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Intrepid Tiger II (ALQ-231) (OSIP 022-12) - 3

Models of Systems Affected: MULTIPLE PLATFORMS	Type Modification: RELIABILITY / MISSION CAPABILITY	Related RDT&E PEs:
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
Intrepid Tiger II (ALQ-231) (OSIP 022-12)												
B Kits												
Recurring												
2.1.1) Installation Equipment - Organic	-	-	-	-	8	4.900	-	-	-	-	-	-
<i>Subtotal Recurring</i>		0.000		0.000		4.900		0.000		0.000		0.000
NonRecurring												
2.2.1) Installation Equipment N/R - Organic	-	-	-	-	-	1.400	-	-	-	-	-	-
<i>Subtotal NonRecurring</i>		0.000		0.000		1.400		0.000		0.000		0.000
<i>Total, Intrepid Tiger II (ALQ-231) (OSIP 022-12)</i>	-	-	-	-	8	6.300	-	-	-	-	-	-
<i>Total, All Modifications</i>		0.000		0.000		6.300		0.000		0.000		0.000
Support												
3.1) ECO	-	0.000	-	-	-	-	-	-	-	-	-	-
3.2) Data	-	0.000	-	-	-	-	-	-	-	-	-	-
3.3) Training Equipment	-	0.000	-	-	-	-	-	-	-	-	-	-
3.4) Support Equipment	-	0.000	-	-	-	-	-	-	-	-	-	-
3.5) ILS	-	-	-	-	-	1.200	-	-	-	-	-	-
3.6) Other Support	-	-	-	-	-	0.200	-	-	-	-	-	-
3.7) Interim Contractor Support	-	0.000	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		0.000		0.000		1.400		0.000		0.000		0.000
<i>Procurement Cost (Procurement + Support)</i>		0.000		0.000		7.700		0.000		0.000		0.000
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		0.000		0.000		7.700		0.000		0.000		0.000

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0513 - AEA Systems	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Intrepid Tiger II (ALQ-231) (OSIP 022-12) - 3

Models of Systems Affected: MULTIPLE PLATFORMS	Type Modification: RELIABILITY / MISSION CAPABILITY	Related RDT&E PEs:
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Intrepid Tiger II (ALQ-231) (OSIP 022-12)												
B Kits												
Recurring												
2.1.1) Installation Equipment - Organic	-	-	-	-	-	-	-	-	-	-	8	4.900
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		4.900
NonRecurring												
2.2.1) Installation Equipment N/R - Organic	-	-	-	-	-	-	-	-	-	-	-	1.400
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		1.400
<i>Total, Intrepid Tiger II (ALQ-231) (OSIP 022-12)</i>	-	-	-	-	-	-	-	-	-	-	8	6.300
<i>Total, All Modifications</i>		0.000		0.000		0.000		0.000		0.000		6.300
Support												
3.1) ECO	-	-	-	-	-	-	-	-	-	-	-	-
3.2) Data	-	-	-	-	-	-	-	-	-	-	-	-
3.3) Training Equipment	-	-	-	-	-	-	-	-	-	-	-	-
3.4) Support Equipment	-	-	-	-	-	-	-	-	-	-	-	-
3.5) ILS	-	-	-	-	-	-	-	-	-	-	-	1.200
3.6) Other Support	-	-	-	-	-	-	-	-	-	-	-	0.200
3.7) Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		0.000		0.000		0.000		0.000		0.000		1.400
<i>Procurement Cost (Procurement + Support)</i>		0.000		0.000		0.000		0.000		0.000		7.700
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		0.000		0.000		0.000		0.000		0.000		7.700

Remarks:	
Manufacturer Information: Intrepid Tiger II (ALQ-231) (OSIP 022-12)	
Manufacturer Name: Manufacturer Name Not Provided.	Manufacturer Location: Manufacturer Location Not Provided.
Administrative Leadtime (in Months):	Production Leadtime (in Months):

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0513 - AEA Systems	Modification Nomenclature <i>(Modification Title, Modification Number):</i> Intrepid Tiger II (ALQ-231) (OSIP 022-12) - 3

Models of Systems Affected: MULTIPLE PLATFORMS	Type Modification: RELIABILITY / MISSION CAPABILITY	Related RDT&E PEs:
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Manufacturer Information: Intrepid Tiger II (ALQ-231) (OSIP 022-12)							
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates							
Delivery Dates							

Installation: Intrepid Tiger II (ALQ-231) (OSIP 022-12)	Method of Implementation: Organic - Installation Equipment	Installation Quantity: 8
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Exhibit P-3A, Individual Modification: PB 2013 Navy							Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1			P-1 Line Item Nomenclature: 0513 - AEA Systems				Modification Nomenclature <i>(Modification Title, Modification Number):</i> Area Chaff Dispenser (OSIP 012-14) - 4					
Models of Systems Affected: MULTIPLE PLATFORMS			Type Modification: RELIABILITY / MISSION CAPABILITY				Related RDT&E PEs:					

Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	0.000	0.000	0.000	0.000	0.000	0.000	8.800	30.800	7.725	1.025	Continuing	Continuing
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	0.000	0.000	0.000	0.000	0.000	0.000	8.800	30.800	7.725	1.025	Continuing	Continuing
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	0.000	0.000	0.000	0.000	0.000	0.000	8.800	30.800	7.725	1.025	Continuing	Continuing

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The ALE-43 Chaff Dispenser is the sole Area Chaff Dispenser approved for USN and USMC tactical aircraft. The current ALE-43 chaff dispenser, qualified on EA-6B and F/A-18C/D, requires form factor and control interface modifications to remain available for fleet usage due to the fleet migration to a common tactical airframe in the F/A-18 E/F. Modifications include a form factor change into a current F/A-18E/F approved pod shape such as the AN/ASD-12 Shared Reconnaissance Pod (SHARP) and pod level Operational Flight Program (OFP) changes. Associated internal structural and service modifications are also required. Capability, flexibility, and adaptability will improve via control interface and chaff cutter mechanism improvements.

SUPPORT EQUIPMENT: Introduction of new/modified Area Chaff Dispensing equipment requires new/modified organizational, intermediate and depot level support equipment. Changes to existing support equipment will be needed to improve reliability, maintainability, availability, address obsolescence issues, and correct deficiencies found in testing or in the field.

ENGINEERING CHANGES: This Area Chaff Dispensing Program covers system modifications required to improve reliability, maintainability, availability, enhance mission capability, interface and integrate with evolving Electronic Attack systems, resolve obsolescence issues, and correct deficiencies found in testing or in the field.

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Exhibit P-3A, Individual Modification: PB 2013 Navy								Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0513 - AEA Systems				Modification Nomenclature (<i>Modification Title, Modification Number</i>): Area Chaff Dispenser (OSIP 012-14) - 4					
Models of Systems Affected: MULTIPLE PLATFORMS				Type Modification: RELIABILITY / MISSION CAPABILITY				Related RDT&E PEs:					
Financial Plan		Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
		<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>
Procurement													
Area Chaff Dispenser (OSIP 012-14)													
B Kits													
Recurring													
1.1.1) Installation Equipment - Organic													
		-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal Recurring</i>			0.000		0.000		0.000		0.000		0.000		0.000
NonRecurring													
1.2.1) Installation Equipment N/R - Organic													
		-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal NonRecurring</i>			0.000		0.000		0.000		0.000		0.000		0.000
<i>Total, Area Chaff Dispenser (OSIP 012-14)</i>			-		-		-		-		-		-
<i>Total, All Modifications</i>			0.000		0.000		0.000		0.000		0.000		0.000
Support													
2.1) ECO													
		-	0.000	-	-	-	-	-	-	-	-	-	-
2.2) Data													
		-	0.000	-	-	-	-	-	-	-	-	-	-
2.3) Training Equipment													
		-	0.000	-	-	-	-	-	-	-	-	-	-
2.4) Support Equipment													
		-	-	-	-	-	-	-	-	-	-	-	-
2.5) ILS													
		-	-	-	-	-	-	-	-	-	-	-	-
2.6) Other Support													
		-	-	-	-	-	-	-	-	-	-	-	-
2.7) Interim Contractor Support													
		-	-	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>			0.000		0.000		0.000		0.000		0.000		0.000
<i>Procurement Cost (Procurement + Support)</i>			0.000		0.000		0.000		0.000		0.000		0.000
<i>Total Installation Cost</i>			0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)			0.000		0.000		0.000		0.000		0.000		0.000
Financial Plan		FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
		<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>
Procurement													
Area Chaff Dispenser (OSIP 012-14)													

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0513 - AEA Systems	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Area Chaff Dispenser (OSIP 012-14) - 4

Models of Systems Affected: MULTIPLE PLATFORMS	Type Modification: RELIABILITY / MISSION CAPABILITY	Related RDT&E PEs:
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
B Kits												
Recurring												
1.1.1) Installation Equipment - Organic	11	7.200	30	20.250	9	6.250	-	-	Continuing	Continuing	Continuing	Continuing
<i>Subtotal Recurring</i>		7.200		20.250		6.250		0.000		0.000		0.000
NonRecurring												
1.2.1) Installation Equipment N/R - Organic	-	0.800	-	2.300	-	0.725	-	-	-	-	-	3.825
<i>Subtotal NonRecurring</i>		0.800		2.300		0.725		0.000		0.000		3.825
<i>Total, Area Chaff Dispenser (OSIP 012-14)</i>	11	8.000	30	22.550	9	6.975	-	-	Continuing	Continuing	Continuing	Continuing
<i>Total, All Modifications</i>		8.000		22.550		6.975		0.000		0.000		0.000
Support												
2.1) ECO	-	-	-	-	-	-	-	-	-	-	-	-
2.2) Data	-	-	-	-	-	-	-	-	-	-	-	-
2.3) Training Equipment	-	-	-	-	-	-	-	-	-	-	-	-
2.4) Support Equipment	-	0.300	-	2.950	-	0.400	-	0.500	-	-	-	4.150
2.5) ILS	-	0.400	-	3.100	-	0.250	-	0.400	-	-	-	4.150
2.6) Other Support	-	0.100	-	0.600	-	0.100	-	0.125	-	-	-	0.925
2.7) Interim Contractor Support	-	-	-	1.600	-	-	-	-	-	-	-	1.600
<i>Total Support Cost</i>		0.800		8.250		0.750		1.025		0.000		10.825
<i>Procurement Cost (Procurement + Support)</i>		8.800		30.800		7.725		1.025		0.000		10.825
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		8.800		30.800		7.725		1.025		0.000		10.825

Remarks:

Manufacturer Information: Area Chaff Dispenser (OSIP 012-14)	
Manufacturer Name: TBD	Manufacturer Location: TBD
Administrative Leadtime (in Months): 0	Production Leadtime (in Months): 0

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates							

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Exhibit P-3A, Individual Modification: PB 2013 Navy						Date: February 2012	
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1			P-1 Line Item Nomenclature: 0513 - AEA Systems			Modification Nomenclature <i>(Modification Title, Modification Number):</i> Area Chaff Dispenser (OSIP 012-14) - 4	
Models of Systems Affected: MULTIPLE PLATFORMS			Type Modification: RELIABILITY / MISSION CAPABILITY			Related RDT&E PEs:	
Manufacturer Information: Area Chaff Dispenser (OSIP 012-14)							
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Delivery Dates							
Installation: Area Chaff Dispenser (OSIP 012-14)			Method of Implementation: Not Installed - Installation Equipment			Installation Quantity: 50	

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Exhibit P-40, Budget Item Justification Sheet: PB 2013 Navy **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 1506N : Aircraft Procurement, Navy / BA 5 : Modification of Aircraft / BSA 1 : Modification Of Aircraft	P-1 Line Item Nomenclature: 0514 - AV-8 Series
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ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	863.805	84.505	82.647	38.703	42.238	80.941	35.563	43.544	20.081	20.476	317.999	1,549.561
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	863.805	84.505	82.647	38.703	42.238	80.941	35.563	43.544	20.081	20.476	317.999	1,549.561
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	863.805	84.505	82.647	38.703	42.238	80.941	35.563	43.544	20.081	20.476	317.999	1,549.561

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

DESCRIPTION: This line item funds modifications to T/AV-8B aircraft. The AV-8B is a single engine, single crew member aircraft capable of vertical/short take-off and landing operations (V/STOL). The AV-8B meets the Marine Corps requirements for a light attack aircraft to provide responsive offensive air power that can operate from ships and austere forward bases in direct support of ground forces. The overall goal of the modifications budgeted in FY 2013 is to continue incorporation of Readiness Management Plan systems; electrical and structural changes; upgrade air-to-air weapon system employment and integration components; inventory sustainment and upgrade efforts to offset obsolescence and attrition; incorporation of Litening Pod upgrades; and incorporation of AV-8B F402-RR-408 engine safety and operational changes. FY11 OCO provides Expeditionary Litening Pod Upgrades to increase combat capability across USMC TACAIR platforms, to include AV-8B, F/A-18 A-D, and EA-6B. The FY12 OCO request continues Expeditionary Litening Pod procurements and upgrades and completes ALE-47 installations. The FY13 OCO request continues Expeditionary Litening Pod upgrades and software validation.

The AV-8B active inventory (16 May 2011) consists of 4 major configurations:

- 16 Two-Seat T/AV-8B Aircraft
- 5 Day Attack Aircraft
- 35 Night Attack Aircraft
- 88 Night Attack/RADAR Aircraft

Retrofit quantities of each ECP depend on the aircraft configuration type & when the change was introduced into production.

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Exhibit P-40, Budget Item Justification Sheet: PB 2013 Navy **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity:
1506N : Aircraft Procurement, Navy / BA 5 : Modification of Aircraft / BSA 1 :
Modification Of Aircraft

P-1 Line Item Nomenclature:
0514 - AV-8 Series

ID Code (A=Service Ready, B=Not Service Ready) : A **Program Elements for Code B Items:** **Other Related Program Elements:**

Item Schedule		ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
AV-8B LITENING POD (OSIP 023-00) - 1	P3A		-	-	294.706	-	-	67.217	-	-	53.361	-	-	2.001	-	-	42.238	-	-	44.239
ENGINE LIFE MANAGEMENT PROGRAM (OSIP 002-04) - 2	P3A		-	-	36.092	-	-	4.359	-	-	4.557	-	-	3.946	-	-	0.000	-	-	3.946
ALE-47 (OSIP 025-04) - 3	P3A		-	-	19.209	-	-	0.050	-	-	2.000	-	-	0.000	-	-	0.000	-	-	0.000
OBSOLESCENCE REPLACEMENT (OSIP 006-06) - 4	P3A		-	-	55.596	-	-	12.053	-	-	22.541	-	-	32.756	-	-	0.000	-	-	32.756
AV-8 ATTRITION RECOVERY DAY TO NIGHT (OSIP 015-07) - 5	P3A		-	-	51.556	-	-	0.826	-	-	0.188	-	-	0.000	-	-	0.000	-	-	0.000
Inactive Osips - 6	P3A		-	-	406.646	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000
Total Gross/Weapon System Cost					863.805			84.505			82.647			38.703			42.238			80.941

		ID CD	FY 2014			FY 2015			FY 2016			FY 2017			To Complete			Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
AV-8B LITENING POD (OSIP 023-00) - 1	P3A		-	-	2.073	-	-	2.191	-	-	2.227	-	-	2.266	-	-	162.141	-	-	630.421
ENGINE LIFE MANAGEMENT PROGRAM (OSIP 002-04) - 2	P3A		-	-	4.218	-	-	4.031	-	-	3.883	-	-	3.961	-	-	17.771	-	-	82.818
ALE-47 (OSIP 025-04) - 3	P3A		-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	21.259
OBSOLESCENCE REPLACEMENT (OSIP 006-06) - 4	P3A		-	-	29.272	-	-	37.322	-	-	13.971	-	-	14.249	-	-	138.087	-	-	355.847
AV-8 ATTRITION RECOVERY DAY TO NIGHT (OSIP 015-07) - 5	P3A		-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	52.570
Inactive Osips - 6	P3A		-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	406.646
Total Gross/Weapon System Cost					35.563			43.544			20.081			20.476			317.999			1,549.561

*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.

Justification:

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0514 - AV-8 Series	Modification Nomenclature (Modification Title, Modification Number): AV-8B LITENING POD (OSIP 023-00) - 1

Models of Systems Affected: AV-8B Night Attack & Radar/Reman	Type Modification: Upgrade	Related RDT&E PEs:
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	294.706	67.217	53.361	2.001	42.238	44.239	2.073	2.191	2.227	2.266	162.141	630.421
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	294.706	67.217	53.361	2.001	42.238	44.239	2.073	2.191	2.227	2.266	162.141	630.421
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	294.706	67.217	53.361	2.001	42.238	44.239	2.073	2.191	2.227	2.266	162.141	630.421

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

DESCRIPTION/JUSTIFICATION:

The system will integrate and procure an external targeting pod that includes an infrared and low-light TV targeting device capable of detecting, classifying, auto-tracking, and designating air-to-surface targets. The system will support first-pass autonomous delivery of conventional, precision guided and accurate munitions to include Laser Maverick, GBU-12, GBU-16, and Joint Direct Attack Munitions. The system will provide targeting capabilities for the AV-8B Fleet of Night Attack and Radar aircraft through the end of its service life. Since inception of the LITENING program, various upgrades have been achieved, such as the introduction of the LITENING II Targeting Pod which gave the AV-8B (Night and Radar) the capability to perform precision targeting; and the integration of LITENING capability on the AV-8B Station 4/ Centerline to support the movement of the LITENING targeting pod to the AV-8B centerline station allowing both carriage of both left and right hand configured pods, which increased AV-8B ordnance capacity by 200%. Reduced sensor masking and elimination of asymmetry problems associated with targeting pod carriage on a wing station will yield better aircraft handling, increased bring-back capability, and significantly increased combat effectiveness in support of Overseas Contingency Operations (OCO). In 2008, the AV-8B Program Office was designated as the single management authority in order to procure, integrate, and manage the LITENING Pod program on all USMC (AV-8B/F/A-18/EA-6B) platforms in order to maintain commonality within the USMC TACAIR for LITENING capabilities. Under this structure, the G4 LITENING pod is being procured and integrated on the AV-8B, F/A-18, and EA-6B platforms via aircraft Operational Flight Programs (OFPs), to include AV-8B H6.1, F/A-18 23X, 25X, and EA-6B Block 6. The FY11 OCO of \$65.4M supports the Common OFP integration into platform OFPs, along with associated trainer upgrades, required support equipment, associated mission planning updates, and software validation for all platforms. This funding also procures further G4 Pods and associated Datalink IIs to near the USMC required quantity of 191. The FY12 OCO request continues LITENING G4/Datalink II procurements, and begins upgrading Block 1 pods to G4 configuration. The G4 upgrade vastly improves combat capabilities through increased coverage, expanded IED detection capability, and expanding range of video downlink to support ground units equipped with R.O.V.E.R and Video Scout ground stations. Theater Joint Tactical Air Requests are specifically requesting LITENING Datalink capabilities for Intelligence, Surveillance, and Reconnaissance. The upgrade doubles the FLIR resolution, and adds Laser Target Image Processing (LTIP) for enhanced detection and targeting capability; increasing the survivability and effectiveness of ground forces. This funding will ensure that required upgrades for all three USMC TACAIR Expeditionary platforms that are currently supporting Operation Enduring Freedom and OCO combat operations, and all Commandant of the Marine Corps directed pre-deployment training requirements. FY13 OCO in the amount of \$42.2M continues the upgrade of Block 1 to G4 configured pods, and will fund required LITENING Pod software upgrade validation and integration.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES:

The LITENING Targeting Pod is a non-developmental item and has been in full production for several years. It was a winner of a targeting Forward Looking Infrared competition for the Air Force Reserve and the Air National Guard and put in service on their F-16s 2nd Qtr FY00. The design, integration, and testing of the Targeting Pod for the AV-8B was done on the Radar and/or Night Attack during 3rd Qtr FY00. The integration utilized existing aircraft software, a weapons station adapter, and Targeting Pod interface software. Additional full LITENING integration to utilize targeting information from the LITENING Pod to create aircraft targeting solutions was introduced under the H2.0 OFP program. Video Datalink with the ability to transmit LITENING Pod video (to Rover III ground stations utilized by Forward Air Controllers) was introduced as Rover upgrades. The ability to carry the LITENING Pod on AV-8B wing stations 2, 5, and 6 and multi-target cueing was introduced in the H4.0 OFP, and carriage was expanded to the AV-8B

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0514 - AV-8 Series	Modification Nomenclature <i>(Modification Title, Modification Number):</i> AV-8B LITENING POD (OSIP 023-00) - 1
Models of Systems Affected: AV-8B Night Attack & Radar/Reman	Type Modification: Upgrade	Related RDT&E PEs:
<p>centerline station 4 in the H5.0 OFP. FY11 OCO funding continues procurement of G4 LITENING Pod and associated Datalink II for USMC expeditionary platforms (AV-8B, F/A-18, and EA-6B) and also funds Litening Pod Common OFP development and integration on all USMC LITENING Pod capable platforms, as well as associated training equipment. This integration of the Common LITENING Pod OFP will be achieved via aircraft platform software OFPs. FY11 OCO will also procure LITENING Pod peculiar support equipment to enable the loading of Pods onto deployed aircraft and will update training equipment across platforms to support the Common LITENING OFP. FY12 requested OCO will continue G4 procurement and begin upgrades of Block 1 pods to G4 configuration. FY13 requested OCO will continue the upgrade effort.</p>		

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0514 - AV-8 Series
Models of Systems Affected: AV-8B Night Attack & Radar/Reman		Modification Nomenclature (Modification Title, Modification Number): AV-8B LITENING POD (OSIP 023-00) - 1
Type Modification: Upgrade		Related RDT&E PEs:

Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
AV-8B LITENING POD (OSIP 023-00)												
A Kits												
Recurring												
1.1.1) Litening PD/ROVER Upgrade - Organic	2	4.886	-	-	-	-	-	-	-	-	-	-
1.1.2) Night - Organic	44	0.106	-	-	-	-	-	-	-	-	-	-
1.1.3) Radar - Organic	47	0.097	-	-	-	-	-	-	-	-	-	-
1.1.4) Reman - Organic	47	0.097	-	-	-	-	-	-	-	-	-	-
1.1.5) Pod Retrofit Kits (ER to AT) - Organic	47	3.944	-	-	-	-	-	-	-	-	-	-
1.1.6) Station 2/5/6 Wiring Kits (multi station) - Organic	127	1.875	-	-	-	-	-	-	-	-	-	-
1.1.7) Station 4 Wiring Kits - NonOrganic	119	6.431	-	-	-	-	-	-	-	-	-	-
<i>Subtotal Recurring</i>		17.436		0.000		0.000		0.000		0.000		0.000
NonRecurring												
1.2.1) Installation Kits N/R - Organic	-	7.786	-	-	-	-	-	-	-	-	-	-
<i>Subtotal NonRecurring</i>		7.786		0.000		0.000		0.000		0.000		0.000
B Kits												
Recurring												
2.1.1) CFE Litening PODs - Organic	96	124.602	-	-	-	-	-	-	-	-	-	-
2.1.2) Pod Upgrade Kits (AV-8B) - Organic	43	10.276	-	-	-	-	-	-	-	-	-	-
2.1.3) Pod Upgrade Kits (BLOCK 1 to GEN4) - Organic	-	-	-	-	-	-	-	-	-	-	-	-
2.1.4) Pod Upgrade Kits (BLOCK 1 to GEN4) OCO - Organic	-	-	-	-	18	14.846	-	-	15	25.486	15	25.486
2.1.5) GEN4 LITENING PODs - Organic	21	39.678	-	-	-	-	-	-	-	-	-	-
2.1.6) GEN4 LITENING PODs (OCO) - Organic	-	-	5	11.670	12	28.853	-	-	-	-	-	-
2.1.7) Datalink II - Organic	36	5.246	-	-	-	-	-	-	-	-	-	-
2.1.8) Datalink II (OCO) - Organic	23	3.683	5	0.984	21	4.182	-	-	-	-	-	-
<i>Subtotal Recurring</i>		183.485		12.654		47.881		0.000		25.486		25.486
NonRecurring												
2.2.1) Installation Equipment N/R - Organic	-	9.953	-	-	-	-	-	-	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0514 - AV-8 Series
Models of Systems Affected: AV-8B Night Attack & Radar/Reman		Type Modification: Upgrade
Related RDT&E PEs:		

Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
2.2.2) Installation Equipment N/R (OCO) - Organic	-	11.423	-	35.126	-	2.360	-	-	-	9.922	-	9.922
<i>Subtotal NonRecurring</i>		21.376		35.126		2.360		0.000		9.922		9.922
<i>Total, AV-8B LITENING POD (OSIP 023-00)</i>	652	230.083	10	47.780	51	50.241	-	-	15	35.408	15	35.408
<i>Total, All Modifications</i>		230.083		47.780		50.241		0.000		35.408		35.408
Support												
3.1) Engineering Change Orders	-	1.748	-	-	-	-	-	-	-	-	-	-
3.2) Data	-	1.203	-	0.035	-	0.067	-	0.100	-	-	-	0.100
3.3) Data (OCO)	-	-	-	0.780	-	0.100	-	-	-	0.666	-	0.666
3.4) Training Equipment	-	7.492	-	0.143	-	-	-	-	-	-	-	-
3.5) Training Equipment (OCO)	-	-	-	11.102	-	-	-	-	-	1.076	-	1.076
3.6) Support Equipment	111	2.136	-	-	-	-	-	-	-	-	-	-
3.7) Support Equipment (OCO)	-	0.344	-	2.785	-	-	-	-	-	1.287	-	1.287
3.8) ILS	-	2.810	-	0.208	-	0.180	-	0.186	-	-	-	0.186
3.9) ILS (OCO)	-	-	-	0.552	-	-	-	-	-	-	-	-
3.10) Other Support	-	47.376	-	0.885	-	1.054	-	1.136	-	-	-	1.136
3.11) Other Support (OCO)	-	0.650	-	2.372	-	1.144	-	-	-	3.801	-	3.801
3.12) Interim Contractor Support	-	0.000	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		63.759		18.862		2.545		1.422		6.830		8.252
<i>Procurement Cost (Procurement + Support)</i>		293.842		66.642		52.786		1.422		42.238		43.660
<i>Total Installation Cost</i>		0.864		0.575		0.575		0.579		0.000		0.579
Total Cost (Procurement + Support + Installation)		294.706		67.217		53.361		2.001		42.238		44.239

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
AV-8B LITENING POD (OSIP 023-00)												
A Kits												
Recurring												

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0514 - AV-8 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): AV-8B LITENING POD (OSIP 023-00) - 1
Models of Systems Affected: AV-8B Night Attack & Radar/Reman	Type Modification: Upgrade	Related RDT&E PEs:

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
1.1.1) Litening PD/ROVER Upgrade - Organic	-	-	-	-	-	-	-	-	-	-	2	4.886
1.1.2) Night - Organic	-	-	-	-	-	-	-	-	-	-	44	0.106
1.1.3) Radar - Organic	-	-	-	-	-	-	-	-	-	-	47	0.097
1.1.4) Reman - Organic	-	-	-	-	-	-	-	-	-	-	47	0.097
1.1.5) Pod Retrofit Kits (ER to AT) - Organic	-	-	-	-	-	-	-	-	-	-	47	3.944
1.1.6) Station 2/5/6 Wiring Kits (multi station) - Organic	-	-	-	-	-	-	-	-	-	-	127	1.875
1.1.7) Station 4 Wiring Kits - NonOrganic	-	-	-	-	-	-	-	-	-	-	119	6.431
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		17.436
NonRecurring												
1.2.1) Installation Kits N/R - Organic	-	-	-	-	-	-	-	-	-	-	-	7.786
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		7.786
B Kits												
Recurring												
2.1.1) CFE Litening PODs - Organic	-	-	-	-	-	-	-	-	-	-	96	124.602
2.1.2) Pod Upgrade Kits (AV-8B) - Organic	-	-	-	-	-	-	-	-	-	-	43	10.276
2.1.3) Pod Upgrade Kits (BLOCK 1 to GEN4) - Organic	-	-	1	1.260	1	1.298	1	1.337	105	146.386	108	150.281
2.1.4) Pod Upgrade Kits (BLOCK 1 to GEN4) OCO - Organic	-	-	-	-	-	-	-	-	-	-	33	40.332
2.1.5) GEN4 LITENING PODs - Organic	-	-	-	-	-	-	-	-	-	-	21	39.678
2.1.6) GEN4 LITENING PODs (OCO) - Organic	-	-	-	-	-	-	-	-	-	-	17	40.523
2.1.7) Datalink II - Organic	-	-	-	-	-	-	-	-	-	-	36	5.246
2.1.8) Datalink II (OCO) - Organic	-	-	-	-	-	-	-	-	-	-	49	8.849
<i>Subtotal Recurring</i>		0.000		1.260		1.298		1.337		146.386		419.787
NonRecurring												
2.2.1) Installation Equipment N/R - Organic	-	-	-	-	-	-	-	-	-	-	-	9.953
2.2.2) Installation Equipment N/R (OCO) - Organic	-	-	-	-	-	-	-	-	-	-	-	58.831
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		68.784
<i>Total, AV-8B LITENING POD (OSIP 023-00)</i>	-	-	1	1.260	1	1.298	1	1.337	105	146.386	836	513.793
<i>Total, All Modifications</i>		0.000		1.260		1.298		1.337		146.386		513.793

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0514 - AV-8 Series
Models of Systems Affected: AV-8B Night Attack & Radar/Reman		Type Modification: Upgrade
Related RDT&E PEs:		

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Support												
3.1) Engineering Change Orders	-	-	-	-	-	-	-	-	-	-	-	1.748
3.2) Data	-	0.054	-	0.088	-	0.060	-	0.065	-	0.585	-	2.257
3.3) Data (OCO)	-	-	-	-	-	-	-	-	-	-	-	1.546
3.4) Training Equipment	-	-	-	-	-	-	-	-	-	-	-	7.635
3.5) Training Equipment (OCO)	-	-	-	-	-	-	-	-	-	-	-	12.178
3.6) Support Equipment	-	-	-	-	-	-	-	-	-	-	111	2.136
3.7) Support Equipment (OCO)	-	-	-	-	-	-	-	-	-	-	-	4.416
3.8) ILS	-	0.191	-	0.197	-	0.203	-	0.204	-	1.774	-	5.953
3.9) ILS (OCO)	-	-	-	-	-	-	-	-	-	-	-	0.552
3.10) Other Support	-	1.098	-	0.646	-	0.666	-	0.660	-	13.396	-	66.917
3.11) Other Support (OCO)	-	-	-	-	-	-	-	-	-	-	-	7.967
3.12) Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	-
Total Support Cost		1.343		0.931		0.929		0.929		15.755		113.305
Procurement Cost (Procurement + Support)		1.343		2.191		2.227		2.266		162.141		627.098
Total Installation Cost		0.730		0.000		0.000		0.000		0.000		3.323
Total Cost (Procurement + Support + Installation)		2.073		2.191		2.227		2.266		162.141		630.421

Remarks:

Manufacturer Information: AV-8B LITENING POD (OSIP 023-00)

Manufacturer Name: Various	Manufacturer Location: Various
Administrative Leadtime (in Months): 0	Production Leadtime (in Months): 0

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates							
Delivery Dates							

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0514 - AV-8 Series
Models of Systems Affected: AV-8B Night Attack & Radar/Reman		Type Modification: Upgrade
Related RDT&E PEs:		

Installation: AV-8B LITENING POD (OSIP 023-00)	Method of Implementation: Various	Installation Name: Station 4 Wiring Kits
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	34	0.864	24	0.575	22	0.575	19	0.579	0	0.000	19	0.579
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	34	0.864	24	0.575	22	0.575	19	0.579	0	0.000	19	0.579

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	20	0.730	-	-	-	-	-	-	-	-	119	3.323
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	20	0.730	-	-	-	-	-	-	-	-	119	3.323

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0514 - AV-8 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): AV-8B LITENING POD (OSIP 023-00) - 1
Models of Systems Affected: AV-8B Night Attack & Radar/Reman	Type Modification: Upgrade	Related RDT&E PEs:

Installation: AV-8B LITENING POD (OSIP 023-00)	Method of Implementation: Various	Installation Name: Station 4 Wiring Kits
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Installation Schedule

	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot	
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4			
In	34	6	6	6	6	6	6	5	5	5	5	5	4	5	5	5	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	119
Out	26	8	6	6	6	6	6	6	5	5	5	5	5	4	5	5	5	5	-	-	-	-	-	-	-	-	-	-	-	-	-	119

Installation: AV-8B LITENING POD (OSIP 023-00)	Method of Implementation: Organic - Litening PD/ROVER Upgrade	Installation Quantity: 2
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Installation: AV-8B LITENING POD (OSIP 023-00)	Method of Implementation: Organic - Night	Installation Quantity: 44
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Installation: AV-8B LITENING POD (OSIP 023-00)	Method of Implementation: Organic - Radar	Installation Quantity: 47
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Installation: AV-8B LITENING POD (OSIP 023-00)	Method of Implementation: Organic - Reman	Installation Quantity: 47
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Installation: AV-8B LITENING POD (OSIP 023-00)	Method of Implementation: Organic - Pod Retrofit Kits (ER to AT)	Installation Quantity: 47
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Installation: AV-8B LITENING POD (OSIP 023-00)	Method of Implementation: Organic - Station 2/5/6 Wiring Kits (multi station)	Installation Quantity: 127
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Installation: AV-8B LITENING POD (OSIP 023-00)	Method of Implementation: Not Installed - CFE Litening PODs	Installation Quantity: 96
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Installation: AV-8B LITENING POD (OSIP 023-00)	Method of Implementation: Not Installed - Pod Upgrade Kits (AV-8B)	Installation Quantity: 43
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Installation: AV-8B LITENING POD (OSIP 023-00)	Method of Implementation: Not Installed - Pod Upgrade Kits (BLOCK 1 to GEN4)	Installation Quantity: 108
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Installation: AV-8B LITENING POD (OSIP 023-00)	Method of Implementation: Not Installed - Pod Upgrade Kits (BLOCK 1 to GEN4) OCO	Installation Quantity: 33
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Installation: AV-8B LITENING POD (OSIP 023-00)	Method of Implementation: Not Installed - GEN4 LITENING PODs	Installation Quantity: 21
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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0514 - AV-8 Series	Modification Nomenclature <i>(Modification Title, Modification Number):</i> AV-8B LITENING POD (OSIP 023-00) - 1
Models of Systems Affected: AV-8B Night Attack & Radar/Reman	Type Modification: Upgrade	Related RDT&E PEs:
Installation: AV-8B LITENING POD (OSIP 023-00)	Method of Implementation: Not Installed - GEN4 LITENING PODs (OCO)	Installation Quantity: 17
Installation: AV-8B LITENING POD (OSIP 023-00)	Method of Implementation: Not Installed - Datalink II	Installation Quantity: 36
Installation: AV-8B LITENING POD (OSIP 023-00)	Method of Implementation: Not Installed - Datalink II (OCO)	Installation Quantity: 49
Installation: AV-8B LITENING POD (OSIP 023-00)	Method of Implementation: Not Installed - Support Equipment	Installation Quantity: 111

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0514 - AV-8 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): ENGINE LIFE MANAGEMENT PROGRAM (OSIP 002-04) - 2

Models of Systems Affected: AV-8B Night Attack & Radar/Reman	Type Modification: Upgrade	Related RDT&E PEs:
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	36.092	4.359	4.557	3.946	0.000	3.946	4.218	4.031	3.883	3.961	17.771	82.818
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	36.092	4.359	4.557	3.946	0.000	3.946	4.218	4.031	3.883	3.961	17.771	82.818
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	36.092	4.359	4.557	3.946	0.000	3.946	4.218	4.031	3.883	3.961	17.771	82.818
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

DESCRIPTION/JUSTIFICATION:

The AV-8B is a single engine aircraft with unique capabilities. The V/STOL environment is very unforgiving and allows no tolerance for engine problems. In the past, the Pegasus F402 has suffered from a sub-optimal safety and reliability record. The Engine Life Management Program is a comprehensive program to increase safety of flight and operational readiness of the AV-8B F402-RR-408 Engine. Funding provided is to incorporate Engineering Change Proposals to increase safety of flight and operational readiness of the F-402-RR-408 Engine.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES:

The Engine Life Management Program was developed in October 2000. OSIP 02-04 supports the Harrier AV-8B Engine Life Management Program (ELMP) through APN funding. Power Plant changes are required throughout the aircraft service life as the aircraft ages and operationally revealed deficiencies are discovered, researched, and solutions engineered. The Component Improvement Program, which is RDT&E funded, provides for the development and demonstration of the engineered solutions to these deficiencies and Power Plant changes are initiated through the Engineering Change Proposal (ECP) process. The power plant program procures the necessary kits, installation, non-recurring engineering, peculiar support equipment, and technical data. The kits provided are for engine and propulsion related hardware to support the AV-8B F402-RR-408 engine such as Nozzle Guide Vanes, Pilot Lever Angle Units, Fuel Control Units, Generator Turbine Starters and accessory components, rotors and vanes for compressor sections, power turbines, combustion sections, exhaust ducts, engine monitor systems, and blade and vane coatings and foils to improve Foreign Object Damage tolerance. The purpose of the program is to increase safety of flight and operational readiness of the AV-8B F402-RR-408 Engine. The ELMP is comprised of several Engineering Project Description (EPD) investigations and Engine Endurance Tests. The EPD investigations and Endurance Tests provide data points for existing Fleet problems and predict future engineering issues of the F402-RR-408 propulsion system. ECPs resulting from Engineering Investigations and Endurance Test results will be researched. Their development will be formalized under the development program and incorporated into the F402-RR-408 via OSIP 02-04. Integrated Logistics Support funds logistics support efforts in coordination with the AV-8B international partners.

- ECP-3532 Bulkhead Cracking
- ECP-3733 AYC 1366
- ECP-3843 Sand Tolerant NGV
- ECP-3881 FMU Shut Off Valve
- ECP-3892 LPC Rotor 2 Blade with Revised Stagger Angle
- ECP-3584 PPC 180
- ECP-3739 AYC 1376

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0514 - AV-8 Series	Modification Nomenclature <i>(Modification Title, Modification Number):</i> ENGINE LIFE MANAGEMENT PROGRAM (OSIP 002-04) - 2
Models of Systems Affected: AV-8B Night Attack & Radar/Reman	Type Modification: Upgrade	Related RDT&E PEs:
<p>ECP-3848R1 HPC Casing Manifold Bridge Pipe ECP-3883R1 Introduction of IBI ECP-3893 LPS 1, 2, & 3 Vane Serialization ECP-3629 PPC 231 Revised Oil Breather Vent Pipe ECP-3743 AYC 1377 ECP-3852 LPC Stage 2 Vanes Hard Coating ECP-3886 PDR Assembly ECP-3904 Encapsulated Revision ECP-3641C1/AYC-1365 ECP-3800 AYC 1374, QEC 3 ECP-3854R1 LPC3 Vane Sealing Strip ECP-3887 IGV Position Transmitter/Rev. Drive Shaft ECP-3911 F402 LPC 1 Blade Root LPB Production Processing ECP-3705R1 AYC1375 Two Piece Bottom Heat Shield ECP-3806 Rear Nozzle Trimmers ECP-3855 LPCI Dampening Foil ECP-3898 Replacement Gears ECP-3912 F402 LPC Stage 1 Disk Slots LPB Production Processing ECP- 3754 HP8 Pipe Clamps ECP-3813 Oil Piping #3 Vane ECP-3868R1 Improved GB Lubrication ECP-3903 Modified BOV to prevent stiction</p> <p>The following TBD ECP's are revisions to improve durability and increase component life and or introduce new parts due to obsolescence: ECP-TBD GTS PWR Turbine/Compressor RGV ECP-TBD EVICS HMU Pilot Valve ECP-TBD #2 Bearing redesign ECP-TBD Obsolescence, protection unit ECP-TBD SET 2006-F402-01 (LPB Vanes) ECP-TBD CCOC Thermocouples ECP-TBD DECU Obsolescence ECP-TBD LPC1 Vane Thick Trailing Edge ECP-TBD Obsolescence, starter motor ECP-TBD LPCI Redesign ECP-TBD HPC Vane Modification ECP-TBD Final Drive End ECP-TBD DECU/FMU WOW/ Improvements ECP-TBD New break-in box with expanded capability ECP-TBD DECU Phase Software ECP-TBD LPT1 Liner</p>		

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0514 - AV-8 Series	Modification Nomenclature <i>(Modification Title, Modification Number):</i> ENGINE LIFE MANAGEMENT PROGRAM (OSIP 002-04) - 2
Models of Systems Affected: AV-8B Night Attack & Radar/Reman	Type Modification: Upgrade	Related RDT&E PEs:
<p>ECP-TBD Hot Nozzle Redesign ECP-TBD LPC 1 Blade FOD Tolerance (LPB) ECP-TBD Power turbine rotor blade failure fix ECP-TBD Disk Slot Treatment (LPB) ECP-TBD Introduction of new HPT2 Blade ECP-TBD Exhaust Diffuser Redesign ECP-TBD LPC 1 Blade Dovetail Coatings (LPB) ECP-TBD New Starter Contactor - improved reliability ECP-TBD Nozzle and spigot ring assy reliability improvement ECP-TBD Fine Oil Filter ECP-TBD Thrust Push Improvements ECP-TBD GTS Break Seal ECP-TBD FMU Obsolescence ECP-TBD Engine Adapter Reliability Improvements ECP-TBD Control System Obsolescence ECP-TBD LPB Improvements ECP-TBD PLAU Shut Off Valve ECP-TBD DCU Redesign ECP-TBD EVICS IDEC POR Correction ECP-TBD GTS Improvements ECP-TBD Obsolescence, starter contactor ECP-TBD HPT Blade Coating (Aluminide) ECP-TBD EVICS Obsolescence ECP-TBD In Service Oil Analysis ECP-TBD Air Turbine Starter Obsolescence ECP-TBD Intermediate IGV Test Set Improvements</p>		

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0514 - AV-8 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): ENGINE LIFE MANAGEMENT PROGRAM (OSIP 002-04) - 2

Models of Systems Affected: AV-8B Night Attack & Radar/Reman	Type Modification: Upgrade	Related RDT&E PEs:
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
ENGINE LIFE MANAGEMENT PROGRAM (OSIP 002-04)												
A Kits												
Recurring												
1.1.1) ECP-3843 SAND TOLERANCE - Organic	129	8.967	6	0.643	-	-	-	-	-	-	-	-
1.1.2) ECP-589 MAGNETIC CHIP DETECTOR - Organic	309	1.439	-	-	-	-	-	-	-	-	-	-
<i>Subtotal Recurring</i>		10.406		0.643		0.000		0.000		0.000		0.000
NonRecurring												
1.2.1) Installation Kits N/R - Organic	-	0.104	-	-	-	-	-	-	-	-	-	-
<i>Subtotal NonRecurring</i>		0.104		0.000		0.000		0.000		0.000		0.000
B Kits												
NonRecurring												
2.2.1) Installation Equipment N/R - Organic	-	0.400	-	-	-	-	-	-	-	-	-	-
<i>Subtotal NonRecurring</i>		0.400		0.000		0.000		0.000		0.000		0.000
<i>Total, ENGINE LIFE MANAGEMENT PROGRAM (OSIP 002-04)</i>	438	10.910	6	0.643	-	-	-	-	-	-	-	-
<i>Total, All Modifications</i>		10.910		0.643		0.000		0.000		0.000		0.000
Support												
3.1) Engineering Change Orders	-	0.000	-	-	-	-	-	-	-	-	-	-
3.2) Data	-	2.727	-	0.421	-	0.438	-	0.456	-	-	-	0.456
3.3) Training Equipment	-	0.000	-	-	-	-	-	-	-	-	-	-
3.4) Support Equipment	-	9.321	-	1.540	-	1.490	-	0.959	-	-	-	0.959
3.5) ECP TBD LPC1 Redesign	-	-	-	-	-	-	-	-	-	-	-	-
3.6) ECP TBD CCOC Thermocouples	-	-	-	-	-	-	-	-	-	-	-	-
3.7) ECP TBD FMU Obsolescence	-	-	-	-	-	-	-	-	-	-	-	-
3.8) ECP TBD #2 Bearing Redesign	-	-	-	-	-	-	-	-	-	-	-	-
3.9) ECP TBD EVICS Obsolescence	-	-	-	-	-	-	-	-	-	-	-	-
3.10) Generator Control Unit Test Set Obsolescence	-	-	-	-	-	0.700	-	-	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0514 - AV-8 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): ENGINE LIFE MANAGEMENT PROGRAM (OSIP 002-04) - 2

Models of Systems Affected: AV-8B Night Attack & Radar/Reman	Type Modification: Upgrade	Related RDT&E PEs:
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
3.11) EVICS Interrogator	-	-	-	-	-	-	3	0.150	-	-	3	0.150
3.12) ECP-TBD GTS Improvements	-	-	-	-	-	-	-	0.500	-	-	-	0.500
3.13) ILS	-	9.510	-	1.605	-	1.615	-	1.571	-	-	-	1.571
3.14) Other Support	-	3.624	-	0.150	-	0.314	-	0.310	-	-	-	0.310
3.15) Interim Contractor Support	-	0.000	-	-	-	-	-	-	-	-	-	-
Total Support Cost		25.182		3.716		4.557		3.946		0.000		3.946
Procurement Cost (Procurement + Support)		36.092		4.359		4.557		3.946		0.000		3.946
Total Installation Cost		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		36.092		4.359		4.557		3.946		0.000		3.946

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
ENGINE LIFE MANAGEMENT PROGRAM (OSIP 002-04)												
A Kits												
Recurring												
1.1.1) ECP-3843 SAND TOLERANCE - Organic	-	-	-	-	-	-	-	-	-	-	135	9.610
1.1.2) ECP-589 MAGNETIC CHIP DETECTOR - Organic	-	-	-	-	-	-	-	-	-	-	309	1.439
Subtotal Recurring		0.000		0.000		0.000		0.000		0.000		11.049
NonRecurring												
1.2.1) Installation Kits N/R - Organic	-	-	-	-	-	-	-	-	-	-	-	0.104
Subtotal NonRecurring		0.000		0.000		0.000		0.000		0.000		0.104
B Kits												
NonRecurring												
2.2.1) Installation Equipment N/R - Organic	-	-	-	-	-	-	-	-	-	-	-	0.400
Subtotal NonRecurring		0.000		0.000		0.000		0.000		0.000		0.400
Total, ENGINE LIFE MANAGEMENT PROGRAM (OSIP 002-04)	-	-	-	-	-	-	-	-	-	-	444	11.553

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0514 - AV-8 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): ENGINE LIFE MANAGEMENT PROGRAM (OSIP 002-04) - 2

Models of Systems Affected: AV-8B Night Attack & Radar/Reman	Type Modification: Upgrade	Related RDT&E PEs:
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
<i>Total, All Modifications</i>		0.000		0.000		0.000		0.000		0.000		11.553
Support												
3.1) Engineering Change Orders	-	-	-	-	-	-	-	-	-	-	-	-
3.2) Data	-	0.475	-	0.500	-	0.525	-	0.525	-	2.231	-	8.298
3.3) Training Equipment	-	-	-	-	-	-	-	-	-	-	-	-
3.4) Support Equipment	-	1.230	-	1.054	-	1.013	-	1.023	-	0.523	-	18.153
3.5) ECP TBD LPC1 Redesign	-	-	-	-	-	-	-	0.000	-	0.300	-	0.300
3.6) ECP TBD CCOC Thermocouples	-	-	-	-	-	-	-	0.000	-	0.300	-	0.300
3.7) ECP TBD FMU Obsolescence	-	-	-	-	-	-	0	0.000	192	3.000	192	3.000
3.8) ECP TBD #2 Bearing Redesign	-	-	-	-	-	-	-	0.000	-	0.300	-	0.300
3.9) ECP TBD EVICS Obsolescence	-	-	-	-	-	-	0	0.000	194	6.000	194	6.000
3.10) Generator Control Unit Test Set Obsolescence	-	-	-	-	-	-	-	-	-	-	-	0.700
3.11) EVICS Interrogator	3	0.155	-	-	-	-	-	-	-	-	6	0.305
3.12) ECP-TBD GTS Improvements	-	0.525	-	0.577	-	0.600	-	0.630	-	-	-	2.832
3.13) ILS	-	1.535	-	1.593	-	1.478	-	1.498	-	3.583	-	23.988
3.14) Other Support	-	0.298	-	0.307	-	0.267	-	0.285	-	1.534	-	7.089
3.15) Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	-
Total Support Cost		4.218		4.031		3.883		3.961		17.771		71.265
Procurement Cost (Procurement + Support)		4.218		4.031		3.883		3.961		17.771		82.818
Total Installation Cost		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		4.218		4.031		3.883		3.961		17.771		82.818

Remarks:

Manufacturer Information: ENGINE LIFE MANAGEMENT PROGRAM (OSIP 002-04)	
Manufacturer Name: Manufacturer Name Not Provided.	Manufacturer Location: Manufacturer Location Not Provided.
Administrative Leadtime (in Months):	Production Leadtime (in Months):

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0514 - AV-8 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): ENGINE LIFE MANAGEMENT PROGRAM (OSIP 002-04) - 2

Models of Systems Affected: AV-8B Night Attack & Radar/Reman	Type Modification: Upgrade	Related RDT&E PEs:
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Manufacturer Information: ENGINE LIFE MANAGEMENT PROGRAM (OSIP 002-04)							
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates							
Delivery Dates							

Installation: ENGINE LIFE MANAGEMENT PROGRAM (OSIP 002-04)	Method of Implementation: Not Installed - ECP-3843 SAND TOLERANCE	Installation Quantity: 135
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Installation: ENGINE LIFE MANAGEMENT PROGRAM (OSIP 002-04)	Method of Implementation: Not Installed - ECP-589 MAGNETIC CHIP DETECTOR	Installation Quantity: 309
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Installation: ENGINE LIFE MANAGEMENT PROGRAM (OSIP 002-04)	Method of Implementation: Not Installed - ECP TBD FMU Obsolescence	Installation Quantity: 192
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Installation: ENGINE LIFE MANAGEMENT PROGRAM (OSIP 002-04)	Method of Implementation: Not Installed - ECP TBD EVICS Obsolescence	Installation Quantity: 194
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Installation: ENGINE LIFE MANAGEMENT PROGRAM (OSIP 002-04)	Method of Implementation: Not Installed - EVICS Interrogator	Installation Quantity: 6
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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0514 - AV-8 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): ALE-47 (OSIP 025-04) - 3

Models of Systems Affected: AV-8B	Type Modification: Upgrade	Related RDT&E PEs:
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	19.209	0.050	2.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	21.259
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	19.209	0.050	2.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	21.259
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	19.209	0.050	2.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	21.259

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

DESCRIPTION/JUSTIFICATION:

ALE-47 is a form-fit enhanced functionality countermeasures dispenser system replacement for the obsolete ALE-39. This OSIP installs more reliable digital sequencers and dispenser magazines to improve aircraft readiness. The Warfare Management Computer (WMC) software will be modified to allow full ALE-47 functionality. FY09 & FY12 OCO funds are provided for the procurement and installation of 125 ALE 47 wiring kits. These kits will provide the deployed fleet with increased readiness, reducing the risk associated with the limited electronic warfare capabilities that the current ALE-39 configuration provides. This effort provides for the update of the WMC Software and procurement of additional hardware to bring the present day system up to full ALE-47 functionality.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES:

Improves aircraft readiness by replacing failure prone analog sequencers and providing expanded countermeasures capability. Positions the AV-8B for future integration of advanced countermeasures expendables and programs.

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Exhibit P-3A, Individual Modification: PB 2013 Navy										Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1					P-1 Line Item Nomenclature: 0514 - AV-8 Series					Modification Nomenclature (<i>Modification Title, Modification Number</i>): ALE-47 (OSIP 025-04) - 3			
Models of Systems Affected: AV-8B				Type Modification: Upgrade				Related RDT&E PEs:					
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
ALE-47 (OSIP 025-04)													
A Kits													
Recurring													
1.1.1) ALE-47 Wiring ECP 311 - Organic													
	83	1.569	-	-	-	-	-	-	-	-	-	-	
1.1.2) ALE-47 Wiring ECP 311R1 - NonOrganic													
	125	1.156	-	-	-	-	-	-	-	-	-	-	
<i>Subtotal Recurring</i>													
		2.725		0.000		0.000		0.000		0.000		0.000	
NonRecurring													
1.2.1) Installation Kits N/R - Organic													
	-	3.344	-	-	-	-	-	-	-	-	-	-	
<i>Subtotal NonRecurring</i>													
		3.344		0.000		0.000		0.000		0.000		0.000	
<i>Total, ALE-47 (OSIP 025-04)</i>													
	208	6.069	-	-	-	-	-	-	-	-	-	-	
<i>Total, All Modifications</i>													
		6.069		0.000		0.000		0.000		0.000		0.000	
Support													
3.1) Engineering Change Orders													
	-	1.300	-	-	-	-	-	-	-	-	-	-	
3.2) Data													
	-	1.027	-	-	-	-	-	-	-	-	-	-	
3.3) Training Equipment													
	-	3.371	-	-	-	-	-	-	-	-	-	-	
3.4) Support Equipment													
	-	0.000	-	-	-	-	-	-	-	-	-	-	
3.5) ILS													
	-	5.394	-	-	-	-	-	-	-	-	-	-	
3.6) Other Support													
	-	2.048	-	0.050	-	-	-	-	-	-	-	-	
3.7) Interim Contractor Support													
	-	0.000	-	-	-	-	-	-	-	-	-	-	
<i>Total Support Cost</i>													
		13.140		0.050		0.000		0.000		0.000		0.000	
<i>Procurement Cost (Procurement + Support)</i>													
		19.209		0.050		0.000		0.000		0.000		0.000	
<i>Total Installation Cost</i>													
		0.000		0.000		2.000		0.000		0.000		0.000	
Total Cost (Procurement + Support + Installation)													
		19.209		0.050		2.000		0.000		0.000		0.000	
Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
ALE-47 (OSIP 025-04)													

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy										Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1					P-1 Line Item Nomenclature: 0514 - AV-8 Series					Modification Nomenclature (<i>Modification Title, Modification Number</i>): ALE-47 (OSIP 025-04) - 3			
Models of Systems Affected: AV-8B				Type Modification: Upgrade				Related RDT&E PEs:					
Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
A Kits													
Recurring													
1.1.1) ALE-47 Wiring ECP 311 - Organic	-	-	-	-	-	-	-	-	-	-	83	1.569	
1.1.2) ALE-47 Wiring ECP 311R1 - NonOrganic	-	-	-	-	-	-	-	-	-	-	125	1.156	
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		2.725	
NonRecurring													
1.2.1) Installation Kits N/R - Organic	-	-	-	-	-	-	-	-	-	-	-	3.344	
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		3.344	
<i>Total, ALE-47 (OSIP 025-04)</i>	-	-	-	-	-	-	-	-	-	-	208	6.069	
<i>Total, All Modifications</i>		0.000		0.000		0.000		0.000		0.000		6.069	
Support													
3.1) Engineering Change Orders	-	-	-	-	-	-	-	-	-	-	-	1.300	
3.2) Data	-	-	-	-	-	-	-	-	-	-	-	1.027	
3.3) Training Equipment	-	-	-	-	-	-	-	-	-	-	-	3.371	
3.4) Support Equipment	-	-	-	-	-	-	-	-	-	-	-	-	
3.5) ILS	-	-	-	-	-	-	-	-	-	-	-	5.394	
3.6) Other Support	-	-	-	-	-	-	-	-	-	-	-	2.098	
3.7) Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	-	
<i>Total Support Cost</i>		0.000		0.000		0.000		0.000		0.000		13.190	
<i>Procurement Cost (Procurement + Support)</i>		0.000		0.000		0.000		0.000		0.000		19.259	
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		2.000	
Total Cost (Procurement + Support + Installation)		0.000		0.000		0.000		0.000		0.000		21.259	
Remarks:													
Manufacturer Information: ALE-47 (OSIP 025-04)													
Manufacturer Name: Various						Manufacturer Location: Various							
Administrative Leadtime (in Months): 0						Production Leadtime (in Months): 0							
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017						
Contract Dates													

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0514 - AV-8 Series
		Modification Nomenclature (<i>Modification Title, Modification Number</i>): ALE-47 (OSIP 025-04) - 3

Models of Systems Affected: AV-8B	Type Modification: Upgrade	Related RDT&E PEs:
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Manufacturer Information: ALE-47 (OSIP 025-04)

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Delivery Dates							

Installation: ALE-47 (OSIP 025-04)	Method of Implementation: Installation will be accomplished by a field MOD team.	Installation Name: ALE-47 Wiring ECP 311R1
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	32	2.000	54	0.000	39	0.000	93	0.000
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	32	2.000	54	0.000	39	0.000	93	0.000

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	125	2.000
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0514 - AV-8 Series
Models of Systems Affected: AV-8B		Type Modification: Upgrade
Related RDT&E PEs:		

Installation: ALE-47 (OSIP 025-04)	Method of Implementation: Installation will be accomplished by a field MOD team.	Installation Name: ALE-47 Wiring ECP 311R1
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Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Total	-	-	-	-	-	-	-	-	-	-	125	2.000

Installation Schedule																																
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot	
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4			
In	-	-	-	-	-	8	8	8	8	23	23	23	24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	125
Out	-	-	-	-	-	8	8	8	8	23	23	23	24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	125

Installation: ALE-47 (OSIP 025-04)	Method of Implementation: Not Installed - ALE-47 Wiring ECP 311	Installation Quantity: 83
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UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0514 - AV-8 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): OBsolescence Replacement (OSIP 006-06) - 4

Models of Systems Affected: T/AV-8B	Type Modification: Safety	Related RDT&E PEs:
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	55.596	12.053	22.541	32.756	0.000	32.756	29.272	37.322	13.971	14.249	138.087	355.847
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	55.596	12.053	22.541	32.756	0.000	32.756	29.272	37.322	13.971	14.249	138.087	355.847
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	55.596	12.053	22.541	32.756	0.000	32.756	29.272	37.322	13.971	14.249	138.087	355.847

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

DESCRIPTION/JUSTIFICATION:

This OSIP provides for maintaining the readiness of the AV-8B weapons system until its projected end of service, which is now 2022 or until replaced by short take-off and vertical landing operations JSF. This requires the airframe and integrated systems to exceed planned service life and will require both systems modification and obsolescence solutions. Funds will be utilized to manage, prepare, process and incorporate Engineering Change Proposals (ECPs) and implement changes to sustain and improve AV-8B weapons system readiness including safety, mission availability, structural integrity, air-to-air weapon system employment, and component (avionics/systems) reliability, maintainability, and obsolescence conditions as they arise. This program may be required to provide timely remedial action for any aircraft system, component or structure. Due to Fleet aircraft PAA inventory shortfalls, all depot level modification installations must be planned and programmed concurrent with Integrated Maintenance Plan scheduled depot overhaul events to minimize aircraft out-of-service periods, unless safety or aircraft availability require stand alone installations.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES:

Non-recurring engineering and ILS work continues for ECPs, procurements and installations for new and ongoing obsolescence and readiness requirements. Key efforts include ongoing Center Tank modifications and Advanced Memory Unit, Display Computer and Single Card Programmer procurements. Various kit procurements and installations continue throughout the FYDP.

Notes: Quantities on the install schedules will not match kit procurement lines for ECP-282 Fuel Coupling and ECP-CP-042 Center Tank Mod due to "O" Level installs.

ECP-323 Nose Landing Gear Steering Dowel Pin, Frame-41 Yaw Post (Tailplane Guide)and Frame 43 Bushings install schedules will not match kit procurement due to Val / Ver units not installed.

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Exhibit P-3A, Individual Modification: PB 2013 Navy										Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1					P-1 Line Item Nomenclature: 0514 - AV-8 Series					Modification Nomenclature (<i>Modification Title, Modification Number</i>): OBSCOLESCENCE REPLACEMENT (OSIP 006-06) - 4			
Models of Systems Affected: T/AV-8B				Type Modification: Safety				Related RDT&E PEs:					
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
OBSCOLESCENCE REPLACEMENT (OSIP 006-06)													
A Kits													
Recurring													
1.1.1) ECP-282 Fuel Coupling P1 - Organic	151	0.331	-	-	-	-	-	-	-	-	-	-	
1.1.2) ECP-282 Fuel Coupling P2 - NonOrganic	81	0.984	31	0.555	30	0.557	-	-	-	-	-	-	
1.1.3) ECP-283 Water Tank Pre-Filter - Organic	149	0.526	-	-	-	-	-	-	-	-	-	-	
1.1.4) ECP-CP-042 Ctr Tank Mod - NonOrganic	29	1.429	16	0.478	20	0.560	50	1.325	-	-	50	1.325	
1.1.5) ECP-CP-044 PMI/EMU - Organic	150	0.093	-	-	-	-	-	-	-	-	-	-	
1.1.6) ECP-CP-045 DC Contactor - Organic	146	1.290	-	-	-	-	-	-	-	-	-	-	
1.1.7) ECP-PMA-001 Pylon Hooks - Organic	1,057	0.044	-	-	-	-	-	-	-	-	-	-	
1.1.8) ECP-321 MLG UTLP - Organic	146	0.584	-	-	-	-	-	-	-	-	-	-	
1.1.9) ECP-323 NLG Steering Dowel Pin - NonOrganic	98	0.127	48	0.037	37	0.114	-	-	-	-	-	-	
1.1.10) ECP-322 Blow-Down Bottle - Organic	148	0.091	-	-	-	-	-	-	-	-	-	-	
1.1.11) ECP-324 Forward ECS Ram Air Duct - Organic	89	0.670	-	-	-	-	-	-	-	-	-	-	
1.1.12) ECP-TBD Bullet Fairing Replacement - NonOrganic	-	-	-	-	-	-	2	0.300	-	-	2	0.300	
1.1.13) ECP-TBD Tail Plane Guide - NonOrganic	-	-	4	0.112	-	-	30	0.691	-	-	30	0.691	
1.1.14) ECP PMA-2009-0004 Frame 43 Bushings - NonOrganic	2	0.064	2	0.048	20	0.432	30	0.691	-	-	30	0.691	
1.1.15) ECP TBD Advanced Memory Unit (AMU) - Organic	-	-	-	-	-	-	139	1.780	-	-	139	1.780	
1.1.16) ADU-830 Adapters (OCO) - Organic	55	2.195	-	-	-	-	-	-	-	-	-	-	
1.1.17) LAU-127 Launcher - Organic	-	-	-	-	-	-	-	-	-	-	-	-	
1.1.18) ECP-TBD Frame 29 Replacement - NonOrganic	-	-	4	0.075	7	0.132	13	0.244	-	-	13	0.244	
1.1.19) ECP-TBD ECS System Improvement - NonOrganic	-	-	-	-	-	-	-	-	-	-	-	-	
<i>Subtotal Recurring</i>		8.428		1.305		1.795		5.031		0.000		5.031	
NonRecurring													
1.2.1) Installation Kits N/R - Organic	-	6.514	-	1.330	-	-	-	-	-	-	-	-	
1.2.2) Installation Kits N/R (OCO) - Organic	-	4.532	-	-	-	-	-	-	-	-	-	-	
<i>Subtotal NonRecurring</i>		11.046		1.330		0.000		0.000		0.000		0.000	

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Exhibit P-3A, Individual Modification: PB 2013 Navy										Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0514 - AV-8 Series						Modification Nomenclature (<i>Modification Title, Modification Number</i>): OBSOLESCENCE REPLACEMENT (OSIP 006-06) - 4			
Models of Systems Affected: T/AV-8B				Type Modification: Safety						Related RDT&E PEs:			
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
B Kits													
Recurring													
2.1.1) 30KVA Generators - Organic	18	4.057	-	-	-	-	-	-	-	-	-	-	
2.1.2) ECP-TBD Display Computer Kits - Organic	-	-	-	-	11	1.614	48	7.619	-	-	48	7.619	
2.1.3) ECP-303 EAAS - Organic	168	0.490	-	-	-	-	-	-	-	-	-	-	
2.1.4) ECP-TBD Rate Gyro Obsolescence - Organic	-	-	-	-	-	-	2	0.120	-	-	2	0.120	
2.1.5) ECP-TBD Thermal Battery P1 - Organic	-	-	43	0.320	28	0.149	27	0.148	-	-	27	0.148	
2.1.6) ECP-TBD Thermal Battery P2 - NonOrganic	2	0.038	27	0.306	28	0.317	27	0.306	-	-	27	0.306	
2.1.7) ECP-326 Struct Servicing Indicators - Organic	-	-	-	-	-	-	-	-	-	-	-	-	
2.1.8) FLE TRACKING - Organic	-	0.350	-	-	-	-	-	-	-	-	-	-	
2.1.9) ECP-PMA-002 Cargo Pods - Organic	36	1.106	-	-	-	-	-	-	-	-	-	-	
2.1.10) ECP-TBD Takeoff & Ldg Checklist - Organic	163	0.625	-	-	-	-	-	-	-	-	-	-	
2.1.11) ECP TBD Digital Video Recorder (DVR) - Organic	-	-	-	-	139	7.035	-	-	-	-	-	-	
2.1.12) ECP-TBD Flight Control Computer - Organic	-	-	-	-	-	-	-	-	-	-	-	-	
2.1.13) ECP-TBD Single Card Programmer - Organic	-	-	-	-	-	-	40	1.566	-	-	40	1.566	
2.1.14) ECP-TBD Airborne VMF Terminal - Organic	-	-	-	-	-	-	-	-	-	-	-	-	
<i>Subtotal Recurring</i>		6.666		0.626		9.115		9.759		0.000		9.759	
NonRecurring													
2.2.1) Installation Equipment N/R - Organic	-	6.054	-	1.376	-	2.440	-	7.267	-	-	-	7.267	
<i>Subtotal NonRecurring</i>		6.054		1.376		2.440		7.267		0.000		7.267	
<i>Total, OBSOLESCENCE REPLACEMENT (OSIP 006-06)</i>	2,688	32.194	175	4.637	320	13.350	408	22.057	-	-	408	22.057	
<i>Total, All Modifications</i>		32.194		4.637		13.350		22.057		0.000		22.057	
Support													
3.1) Engineering Change Orders	-	0.000	-	-	-	-	-	-	-	-	-	-	
3.2) Data	-	1.627	-	0.240	-	0.530	-	1.346	-	-	-	1.346	
3.3) Training Equipment	-	0.040	-	-	-	0.100	-	0.282	-	-	-	0.282	
3.4) Support Equipment	-	4.886	-	0.100	-	0.400	-	-	-	-	-	-	
3.5) Support Equipment (OCO)	-	0.000	-	-	-	-	-	-	-	-	-	-	

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0514 - AV-8 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): OBSOLESCENCE REPLACEMENT (OSIP 006-06) - 4

Models of Systems Affected: T/AV-8B	Type Modification: Safety	Related RDT&E PEs:
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
3.6) ILS	-	0.842	-	0.070	-	0.400	-	0.455	-	-	-	0.455
3.7) Other Support	-	10.313	-	4.706	-	4.113	-	3.479	-	-	-	3.479
3.8) Interim Contractor Support	-	0.000	-	-	-	-	-	-	-	-	-	-
Total Support Cost		17.708		5.116		5.543		5.562		0.000		5.562
Procurement Cost (Procurement + Support)		49.902		9.753		18.893		27.619		0.000		27.619
Total Installation Cost		5.694		2.300		3.648		5.137		0.000		5.137
Total Cost (Procurement + Support + Installation)		55.596		12.053		22.541		32.756		0.000		32.756

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
OBSOLESCENCE REPLACEMENT (OSIP 006-06)												
A Kits												
Recurring												
1.1.1) ECP-282 Fuel Coupling P1 - Organic	-	-	-	-	-	-	-	-	-	-	151	0.331
1.1.2) ECP-282 Fuel Coupling P2 - NonOrganic	-	-	-	-	-	-	-	-	-	-	142	2.096
1.1.3) ECP-283 Water Tank Pre-Filter - Organic	-	-	-	-	-	-	-	-	-	-	149	0.526
1.1.4) ECP-CP-042 Ctr Tank Mod - NonOrganic	56	1.512	20	0.550	26	0.736	36	1.020	-	-	253	7.610
1.1.5) ECP-CP-044 PMI/EMU - Organic	-	-	-	-	-	-	-	-	-	-	150	0.093
1.1.6) ECP-CP-045 DC Contactor - Organic	-	-	-	-	-	-	-	-	-	-	146	1.290
1.1.7) ECP-PMA-001 Pylon Hooks - Organic	-	-	-	-	-	-	-	-	-	-	1,057	0.044
1.1.8) ECP-321 MLG UTLP - Organic	-	-	-	-	-	-	-	-	-	-	146	0.584
1.1.9) ECP-323 NLG Steering Dowel Pin - NonOrganic	-	-	-	-	-	-	-	-	-	-	183	0.278
1.1.10) ECP-322 Blow-Down Bottle - Organic	-	-	-	-	-	-	-	-	-	-	148	0.091
1.1.11) ECP-324 Forward ECS Ram Air Duct - Organic	-	-	-	-	-	-	-	-	-	-	89	0.670
1.1.12) ECP-TBD Bullet Fairing Replacement - NonOrganic	-	-	4	0.600	-	-	8	1.236	86	14.061	100	16.197
1.1.13) ECP-TBD Tail Plane Guide - NonOrganic	28	0.664	24	0.586	16	0.379	28	0.659	16	0.404	146	3.495
1.1.14) ECP PMA-2009-0004 Frame 43 Bushings - NonOrganic	28	0.664	24	0.586	27	0.640	23	0.562	33	0.806	189	4.493

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Exhibit P-3A, Individual Modification: PB 2013 Navy								Date: February 2012				
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0514 - AV-8 Series				Modification Nomenclature (<i>Modification Title, Modification Number</i>): OBSOLESCENCE REPLACEMENT (OSIP 006-06) - 4				
Models of Systems Affected: T/AV-8B			Type Modification: Safety				Related RDT&E PEs:					
Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
1.1.15) ECP TBD Advanced Memory Unit (AMU) - Organic	-	-	-	-	-	-	-	-	-	-	139	1.780
1.1.16) ADU-830 Adapters (OCO) - Organic	-	-	-	-	-	-	-	-	-	-	55	2.195
1.1.17) LAU-127 Launcher - Organic	-	-	-	-	-	-	0	0.000	55	1.485	55	1.485
1.1.18) ECP-TBD Frame 29 Replacement - NonOrganic	6	0.113	7	0.131	12	0.226	-	-	-	-	49	0.921
1.1.19) ECP-TBD ECS System Improvement - NonOrganic	-	-	-	-	-	-	0	0.000	113	41.923	113	41.923
<i>Subtotal Recurring</i>		2.953		2.453		1.981		3.477		58.679		86.102
NonRecurring												
1.2.1) Installation Kits N/R - Organic	-	-	-	-	-	-	-	-	-	0.700	-	8.544
1.2.2) Installation Kits N/R (OCO) - Organic	-	-	-	-	-	-	-	-	-	-	-	4.532
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.700		13.076
B Kits												
Recurring												
2.1.1) 30KVA Generators - Organic	-	-	-	-	-	-	-	-	-	-	18	4.057
2.1.2) ECP-TBD Display Computer Kits - Organic	40	6.349	-	-	-	-	-	-	-	-	99	15.582
2.1.3) ECP-303 EAAS - Organic	-	-	-	-	-	-	-	-	-	-	168	0.490
2.1.4) ECP-TBD Rate Gyro Obsolescence - Organic	42	2.000	42	2.150	42	2.250	-	-	-	-	128	6.520
2.1.5) ECP-TBD Thermal Battery P1 - Organic	26	0.146	22	0.128	-	-	-	-	-	-	146	0.891
2.1.6) ECP-TBD Thermal Battery P2 - NonOrganic	26	0.313	22	0.272	-	-	-	-	-	-	132	1.552
2.1.7) ECP-326 Struct Servicing Indicators - Organic	-	-	-	-	-	-	0	0.000	97	2.455	97	2.455
2.1.8) FLE TRACKING - Organic	-	-	-	-	-	-	-	-	-	-	-	0.350
2.1.9) ECP-PMA-002 Cargo Pods - Organic	-	-	-	-	-	-	-	-	-	-	36	1.106
2.1.10) ECP-TBD Takeoff & Ldg Checklist - Organic	-	-	-	-	-	-	-	-	-	-	163	0.625
2.1.11) ECP TBD Digital Video Recorder (DVR) - Organic	-	-	-	-	-	-	-	-	-	-	139	7.035
2.1.12) ECP-TBD Flight Control Computer - Organic	3	0.485	130	15.990	-	-	-	-	-	-	133	16.475
2.1.13) ECP-TBD Single Card Programmer - Organic	40	1.611	69	2.779	-	-	-	-	-	-	149	5.956
2.1.14) ECP-TBD Airborne VMF Terminal - Organic	-	-	-	-	-	-	0	0.000	137	27.400	137	27.400
<i>Subtotal Recurring</i>		10.904		21.319		2.250		0.000		29.855		90.494
NonRecurring												

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0514 - AV-8 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): OBSOLESCENCE REPLACEMENT (OSIP 006-06) - 4

Models of Systems Affected: T/AV-8B	Type Modification: Safety	Related RDT&E PEs:
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
2.2.1) Installation Equipment N/R - Organic	-	1.259	-	0.934	-	0.101	-	0.100	-	0.700	-	20.231
<i>Subtotal NonRecurring</i>		1.259		0.934		0.101		0.100		0.700		20.231
<i>Total, OBSOLESCENCE REPLACEMENT (OSIP 006-06)</i>	295	15.116	364	24.706	123	4.332	95	3.577	537	89.934	5,005	209.903
<i>Total, All Modifications</i>		15.116		24.706		4.332		3.577		89.934		209.903
Support												
3.1) Engineering Change Orders	-	-	-	-	-	-	-	-	-	-	-	-
3.2) Data	-	0.058	-	0.380	-	-	-	-	-	0.500	-	4.681
3.3) Training Equipment	-	-	-	-	-	-	-	-	-	0.600	-	1.022
3.4) Support Equipment	-	-	-	-	-	-	-	-	-	0.300	-	5.686
3.5) Support Equipment (OCO)	-	-	-	-	-	-	-	-	-	-	-	-
3.6) ILS	-	0.150	-	0.150	-	-	-	-	-	0.300	-	2.367
3.7) Other Support	-	3.567	-	3.683	-	3.843	-	3.966	-	17.795	-	55.465
3.8) Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		3.775		4.213		3.843		3.966		19.495		69.221
<i>Procurement Cost (Procurement + Support)</i>		18.891		28.919		8.175		7.543		109.429		279.124
<i>Total Installation Cost</i>		10.381		8.403		5.796		6.706		28.658		76.723
Total Cost (Procurement + Support + Installation)		29.272		37.322		13.971		14.249		138.087		355.847

Remarks:

Manufacturer Information: OBSOLESCENCE REPLACEMENT (OSIP 006-06)

Manufacturer Name: Various	Manufacturer Location: Various
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Administrative Leadtime (in Months): 0	Production Leadtime (in Months): 0
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Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates							
Delivery Dates							

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0514 - AV-8 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): OBSOLESCENCE REPLACEMENT (OSIP 006-06) - 4

Models of Systems Affected: T/AV-8B	Type Modification: Safety	Related RDT&E PEs:
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Installation: OBSOLESCENCE REPLACEMENT (OSIP 006-06)	Method of Implementation: Safety	Installation Name: OBSOLESCENCE REPLACEMENT (OSIP 006-06)
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	136	5.694	66	0.441	10	0.164	-	-	-	-	-	-
FY 2011	-	-	12	1.859	102	3.469	16	0.380	0	0.000	16	0.380
FY 2012	-	-	-	-	5	0.015	121	4.378	0	0.000	121	4.378
FY 2013	-	-	-	-	-	-	4	0.379	0	0.000	4	0.379
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	136	5.694	78	2.300	117	3.648	141	5.137	0	0.000	141	5.137

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	212	6.299
FY 2011	-	-	-	-	-	-	-	-	-	-	130	5.708
FY 2012	16	0.212	-	-	-	-	-	-	-	-	142	4.605
FY 2013	146	9.146	2	0.028	-	-	-	-	-	-	152	9.553
FY 2014	10	1.023	114	8.375	12	3.043	8	1.781	-	-	144	14.222
FY 2015	-	-	-	-	79	2.753	7	1.141	15	8.840	101	12.734
FY 2016	-	-	-	-	-	-	53	3.784	9	4.154	62	7.938
FY 2017	-	-	-	-	-	-	-	-	59	0.914	59	0.914
To Complete	-	-	-	-	-	-	-	-	246	14.750	246	14.750
Total	172	10.381	116	8.403	91	5.796	68	6.706	329	28.658	1,248	76.723

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0514 - AV-8 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): OBSOLESCENCE REPLACEMENT (OSIP 006-06) - 4

Models of Systems Affected: T/AV-8B	Type Modification: Safety	Related RDT&E PEs:
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Installation: OBSOLESCENCE REPLACEMENT (OSIP 006-06)	Method of Implementation: Safety	Installation Name: OBSOLESCENCE REPLACEMENT (OSIP 006-06)
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Installation Schedule																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	136	19	20	21	18	27	31	30	29	35	36	35	35	43	43	44	42	29	29	29	29	22	23	24	22	17	17	17	17	329	1,248
Out	136	19	20	21	18	27	31	30	29	35	36	35	35	43	43	44	42	29	29	29	29	22	23	24	22	17	17	17	17	329	1,248

Installation: OBSOLESCENCE REPLACEMENT (OSIP 006-06)	Method of Implementation: Not Installed - ECP-282 Fuel Coupling P1	Installation Quantity: 151
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Installation: OBSOLESCENCE REPLACEMENT (OSIP 006-06)	Method of Implementation: Not Installed - ECP-283 Water Tank Pre-Filter	Installation Quantity: 149
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Installation: OBSOLESCENCE REPLACEMENT (OSIP 006-06)	Method of Implementation: Not Installed - ECP-CP-044 PMI/EMU	Installation Quantity: 150
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Installation: OBSOLESCENCE REPLACEMENT (OSIP 006-06)	Method of Implementation: Not Installed - ECP-CP-045 DC Contactor	Installation Quantity: 146
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Installation: OBSOLESCENCE REPLACEMENT (OSIP 006-06)	Method of Implementation: Not Installed - ECP-PMA-001 Pylon Hooks	Installation Quantity: 1057
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Installation: OBSOLESCENCE REPLACEMENT (OSIP 006-06)	Method of Implementation: Not Installed - ECP-321 MLG UTLF	Installation Quantity: 146
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Installation: OBSOLESCENCE REPLACEMENT (OSIP 006-06)	Method of Implementation: Not Installed - ECP-322 Blow-Down Bottle	Installation Quantity: 148
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Installation: OBSOLESCENCE REPLACEMENT (OSIP 006-06)	Method of Implementation: Not Installed - ECP-324 Forward ECS Ram Air Duct	Installation Quantity: 89
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Installation: OBSOLESCENCE REPLACEMENT (OSIP 006-06)	Method of Implementation: Not Installed - ECP TBD Advanced Memory Unit (AMU)	Installation Quantity: 139
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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0514 - AV-8 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): OBSCOLESCENCE REPLACEMENT (OSIP 006-06) - 4
Models of Systems Affected: T/AV-8B	Type Modification: Safety	Related RDT&E PEs:
Installation: OBSCOLESCENCE REPLACEMENT (OSIP 006-06)	Method of Implementation: Not Installed - ADU-830 Adapters (OCO)	Installation Quantity: 55
Installation: OBSCOLESCENCE REPLACEMENT (OSIP 006-06)	Method of Implementation: Not Installed - LAU-127 Launcher	Installation Quantity: 55
Installation: OBSCOLESCENCE REPLACEMENT (OSIP 006-06)	Method of Implementation: Not Installed - 30KVA Generators	Installation Quantity: 18
Installation: OBSCOLESCENCE REPLACEMENT (OSIP 006-06)	Method of Implementation: Not Installed - ECP-TBD Display Computer Kits	Installation Quantity: 99
Installation: OBSCOLESCENCE REPLACEMENT (OSIP 006-06)	Method of Implementation: Not Installed - ECP-303 EAAS	Installation Quantity: 168
Installation: OBSCOLESCENCE REPLACEMENT (OSIP 006-06)	Method of Implementation: Not Installed - ECP-TBD Rate Gyro Obsolescence	Installation Quantity: 128
Installation: OBSCOLESCENCE REPLACEMENT (OSIP 006-06)	Method of Implementation: Not Installed - ECP-TBD Thermal Battery P1	Installation Quantity: 146
Installation: OBSCOLESCENCE REPLACEMENT (OSIP 006-06)	Method of Implementation: Not Installed - ECP-326 Struct Servicing Indicators	Installation Quantity: 97
Installation: OBSCOLESCENCE REPLACEMENT (OSIP 006-06)	Method of Implementation: Not Installed - ECP-PMA-002 Cargo Pods	Installation Quantity: 36
Installation: OBSCOLESCENCE REPLACEMENT (OSIP 006-06)	Method of Implementation: Not Installed - ECP-TBD Takeoff & Ldg Checklist	Installation Quantity: 163
Installation: OBSCOLESCENCE REPLACEMENT (OSIP 006-06)	Method of Implementation: Not Installed - ECP TBD Digital Video Recorder (DVR)	Installation Quantity: 139
Installation: OBSCOLESCENCE REPLACEMENT (OSIP 006-06)	Method of Implementation: Not Installed - ECP-TBD Flight Control Computer	Installation Quantity: 133
Installation: OBSCOLESCENCE REPLACEMENT (OSIP 006-06)	Method of Implementation: Not Installed - ECP-TBD Single Card Programmer	Installation Quantity: 149

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0514 - AV-8 Series	Modification Nomenclature <i>(Modification Title, Modification Number):</i> OBSOLESCENCE REPLACEMENT (OSIP 006-06) - 4
Models of Systems Affected: T/AV-8B	Type Modification: Safety	Related RDT&E PEs:
Installation: OBSOLESCENCE REPLACEMENT (OSIP 006-06)	Method of Implementation: Not Installed - ECP-TBD Airborne VMF Terminal	Installation Quantity: 137

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0514 - AV-8 Series	Modification Nomenclature <i>(Modification Title, Modification Number):</i> AV-8 ATTRITION RECOVERY DAY TO NIGHT (OSIP 015-07) - 5

Models of Systems Affected: AV-8B	Type Modification: Upgrade	Related RDT&E PEs:
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	51.556	0.826	0.188	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	52.570
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	51.556	0.826	0.188	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	52.570
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	51.556	0.826	0.188	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	52.570

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

DESCRIPTION/JUSTIFICATION:

The present AV-8B inventory is insufficient to maintain Primary Authorized Aircraft (PAA), provide for an effective Integrated Maintenance Plan allow for crash damage repair and attrition, and accomplish timely reliability and capability upgrades through transition to JSF. Currently obsolete configured AV-8B Harrier aircraft will be restored to fleet representative configuration through modifications primarily integrated by the prime contractor to compensate for attrition and the resultant PAA shortfall. Individual aircraft kits will vary based on utilization and configuration at the time the aircraft was taken out of service. Rolls-Royce Pegasus-408B engines will be provided from current fleet inventory. Modification engineering integration and incorporation of components and systems are to be performed by the contractor, augmented by government field activity GFE component baselining and RFI certifications as required. Overseas Contingency Operations (OCO) supplemental funding was provided to accelerate upgrade of the first attrition recovery aircraft, a Day Attack configured aircraft, into a Night capable asset. Failure to address inventory shortfalls will progressively aggravate the effect of PAA deficiencies on mission availability and combat relevance to OCO, as well as operational safety. While this is not a total aircraft inventory solution, the additional aircraft will help sustain AV-8B operational aircraft in squadrons supporting OCO.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES:

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Exhibit P-3A, Individual Modification: PB 2013 Navy										Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1					P-1 Line Item Nomenclature: 0514 - AV-8 Series					Modification Nomenclature (<i>Modification Title, Modification Number</i>): AV-8 ATTRITION RECOVERY DAY TO NIGHT (OSIP 015-07) - 5			
Models of Systems Affected: AV-8B				Type Modification: Upgrade				Related RDT&E PEs:					
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
AV-8 ATTRITION RECOVERY DAY TO NIGHT (OSIP 015-07)													
A Kits													
Recurring													
1.1.1) Installation Kits - NonOrganic	4	7.231	-	-	-	-	-	-	-	-	-	-	
1.1.2) Installation Kits - GFE - Organic	4	5.474	-	-	-	-	-	-	-	-	-	-	
<i>Subtotal Recurring</i>		12.705		0.000		0.000		0.000		0.000		0.000	
NonRecurring													
1.2.1) Installation Kits N/R - Organic	-	16.157	-	-	-	-	-	-	-	-	-	-	
<i>Subtotal NonRecurring</i>		16.157		0.000		0.000		0.000		0.000		0.000	
B Kits													
Recurring													
2.1.1) Install Equipment - Organic	1	0.091	-	-	-	-	-	-	-	-	-	-	
2.1.2) Install Equipment - GFE - Organic	2	4.055	-	-	-	-	-	-	-	-	-	-	
<i>Subtotal Recurring</i>		4.146		0.000		0.000		0.000		0.000		0.000	
<i>Total, AV-8 ATTRITION RECOVERY DAY TO NIGHT (OSIP 015-07)</i>	11	33.008	-	-	-	-	-	-	-	-	-	-	
<i>Total, All Modifications</i>		33.008		0.000		0.000		0.000		0.000		0.000	
Support													
3.1) Engineering Change Orders	-	0.000	-	-	-	-	-	-	-	-	-	-	
3.2) Data	-	1.934	-	-	-	-	-	-	-	-	-	-	
3.3) Training Equipment	-	0.000	-	-	-	-	-	-	-	-	-	-	
3.4) Support Equipment	-	0.220	-	-	-	-	-	-	-	-	-	-	
3.5) ILS	-	0.994	-	-	-	-	-	-	-	-	-	-	
3.6) Other Support	-	4.712	-	0.826	-	0.188	-	-	-	-	-	-	
3.7) Interim Contractor Support	-	0.000	-	-	-	-	-	-	-	-	-	-	
<i>Total Support Cost</i>		7.860		0.826		0.188		0.000		0.000		0.000	
<i>Procurement Cost (Procurement + Support)</i>		40.868		0.826		0.188		0.000		0.000		0.000	
<i>Total Installation Cost</i>		10.688		0.000		0.000		0.000		0.000		0.000	

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Exhibit P-3A, Individual Modification: PB 2013 Navy										Date: February 2012															
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1					P-1 Line Item Nomenclature: 0514 - AV-8 Series					Modification Nomenclature (<i>Modification Title, Modification Number</i>): AV-8 ATTRITION RECOVERY DAY TO NIGHT (OSIP 015-07) - 5															
Models of Systems Affected: AV-8B				Type Modification: Upgrade						Related RDT&E PEs:															
Financial Plan													Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
													<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	
Total Cost (Procurement + Support + Installation)														51.556		0.826		0.188		0.000		0.000		0.000	
Financial Plan													FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total		
													<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	
Procurement																									
AV-8 ATTRITION RECOVERY DAY TO NIGHT (OSIP 015-07)																									
A Kits																									
Recurring																									
1.1.1) Installation Kits - NonOrganic													-	-	-	-	-	-	-	-	-	-	-	4	7.231
1.1.2) Installation Kits - GFE - Organic													-	-	-	-	-	-	-	-	-	-	-	4	5.474
<i>Subtotal Recurring</i>														0.000		0.000		0.000		0.000		0.000		12.705	
NonRecurring																									
1.2.1) Installation Kits N/R - Organic													-	-	-	-	-	-	-	-	-	-	-	-	16.157
<i>Subtotal NonRecurring</i>														0.000		0.000		0.000		0.000		0.000		16.157	
B Kits																									
Recurring																									
2.1.1) Install Equipment - Organic													-	-	-	-	-	-	-	-	-	-	-	1	0.091
2.1.2) Install Equipment - GFE - Organic													-	-	-	-	-	-	-	-	-	-	-	2	4.055
<i>Subtotal Recurring</i>														0.000		0.000		0.000		0.000		0.000		4.146	
<i>Total, AV-8 ATTRITION RECOVERY DAY TO NIGHT (OSIP 015-07)</i>													-	-	-	-	-	-	-	-	-	-	-	11	33.008
<i>Total, All Modifications</i>														0.000		0.000		0.000		0.000		0.000		33.008	
Support																									
3.1) Engineering Change Orders													-	-	-	-	-	-	-	-	-	-	-	-	-
3.2) Data													-	-	-	-	-	-	-	-	-	-	-	-	1.934
3.3) Training Equipment													-	-	-	-	-	-	-	-	-	-	-	-	-
3.4) Support Equipment													-	-	-	-	-	-	-	-	-	-	-	-	0.220
3.5) ILS													-	-	-	-	-	-	-	-	-	-	-	-	0.994
3.6) Other Support													-	-	-	-	-	-	-	-	-	-	-	-	5.726

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0514 - AV-8 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): AV-8 ATTRITION RECOVERY DAY TO NIGHT (OSIP 015-07) - 5

Models of Systems Affected: AV-8B	Type Modification: Upgrade	Related RDT&E PEs:										
Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
3.7) Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	-
Total Support Cost		0.000		0.000		0.000		0.000		0.000		8.874
Procurement Cost (Procurement + Support)		0.000		0.000		0.000		0.000		0.000		41.882
Total Installation Cost		0.000		0.000		0.000		0.000		0.000		10.688
Total Cost (Procurement + Support + Installation)		0.000		0.000		0.000		0.000		0.000		52.570

Remarks:

Manufacturer Information: AV-8 ATTRITION RECOVERY DAY TO NIGHT (OSIP 015-07)

Manufacturer Name: Manufacturer Name Not Provided. Manufacturer Location: Manufacturer Location Not Provided.

Administrative Leadtime (in Months): Production Leadtime (in Months):

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates							
Delivery Dates							

Installation: AV-8 ATTRITION RECOVERY DAY TO NIGHT (OSIP 015-07)

Method of Implementation: [none specified] **Installation Name:** Installation Kits

Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	4	10.688	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0514 - AV-8 Series
		Modification Nomenclature (<i>Modification Title, Modification Number</i>): AV-8 ATTRITION RECOVERY DAY TO NIGHT (OSIP 015-07) - 5

Models of Systems Affected: AV-8B	Type Modification: Upgrade	Related RDT&E PEs:
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Installation: AV-8 ATTRITION RECOVERY DAY TO NIGHT (OSIP 015-07)	Method of Implementation: [none specified]	Installation Name: Installation Kits
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Total	4	10.688	-	-	-	-	-	-	-	-	-	-

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	4	10.688
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	4	10.688

Installation Schedule																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4
Out	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4

Installation: AV-8 ATTRITION RECOVERY DAY TO NIGHT (OSIP 015-07)	Method of Implementation: Not Installed - Installation Kits - GFE	Installation Quantity: 4
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Installation: AV-8 ATTRITION RECOVERY DAY TO NIGHT (OSIP 015-07)	Method of Implementation: Not Installed - Install Equipment	Installation Quantity: 1
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UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0514 - AV-8 Series	Modification Nomenclature <i>(Modification Title, Modification Number):</i> AV-8 ATTRITION RECOVERY DAY TO NIGHT (OSIP 015-07) - 5
Models of Systems Affected: AV-8B	Type Modification: Upgrade	Related RDT&E PEs:
Installation: AV-8 ATTRITION RECOVERY DAY TO NIGHT (OSIP 015-07)	Method of Implementation: Not Installed - Install Equipment - GFE	Installation Quantity: 2

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy							Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0514 - AV-8 Series				Modification Nomenclature (<i>Modification Title, Modification Number</i>): Inactive Osips - 6				

Models of Systems Affected: [No Model Specified] **Type Modification:** [No Modification Type Specified] **Related RDT&E PEs:**

Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	406.646	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	406.646
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	406.646	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	406.646
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	406.646	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	406.646

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0514 - AV-8 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Inactive Osips - 6

Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs:
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
[Missing Data - No Procurement Cost Elements Entered Yet]												
B Kits												
Recurring												
[Missing Data - No Procurement Cost Elements Entered Yet]	-	-	0	0.000	-	-	-	-	-	-	-	-
Subtotal Recurring		0.000		0.000		0.000		0.000		0.000		0.000
Total, [Missing Data - No Procurement Cost Elements Entered Yet]	-	-	0	0.000	-	-	-	-	-	-	-	-
Total, All Modifications		0.000		0.000		0.000		0.000		0.000		0.000
Support												
3.1) Inactive Osips	-	406.646	-	-	-	-	-	-	-	-	-	-
3.2) Engineering Change Orders	-	0.000	-	-	-	-	-	-	-	-	-	-
3.3) Data	-	0.000	-	-	-	-	-	-	-	-	-	-
3.4) Training Equipment	-	0.000	-	-	-	-	-	-	-	-	-	-
3.5) Support Equipment	-	0.000	-	-	-	-	-	-	-	-	-	-
3.6) ILS	-	0.000	-	-	-	-	-	-	-	-	-	-
3.7) Other Support	-	0.000	-	-	-	-	-	-	-	-	-	-
3.8) Interim Contractor Support	-	0.000	-	-	-	-	-	-	-	-	-	-
Total Support Cost		406.646		0.000		0.000		0.000		0.000		0.000
Procurement Cost (Procurement + Support)		406.646		0.000		0.000		0.000		0.000		0.000
Total Installation Cost		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		406.646		0.000		0.000		0.000		0.000		0.000

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
[Missing Data - No Procurement Cost Elements Entered Yet]												
B Kits												
Recurring												
[Missing Data - No Procurement Cost Elements Entered Yet]	-	-	-	-	-	-	-	-	-	-	0	0.000

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy									Date: February 2012				
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0514 - AV-8 Series					Modification Nomenclature (<i>Modification Title, Modification Number</i>): Inactive Osips - 6				
Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]				Related RDT&E PEs:						
Financial Plan		FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
		<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>
<i>Subtotal Recurring</i>			0.000		0.000		0.000		0.000		0.000		0.000
<i>Total, [Missing Data - No Procurement Cost Elements Entered Yet]</i>		-	-	-	-	-	-	-	-	-	-	0	0.000
<i>Total, All Modifications</i>			0.000		0.000		0.000		0.000		0.000		0.000
Support													
3.1) Inactive Osips		-	-	-	-	-	-	-	-	-	-	-	406.646
3.2) Engineering Change Orders		-	-	-	-	-	-	-	-	-	-	-	-
3.3) Data		-	-	-	-	-	-	-	-	-	-	-	-
3.4) Training Equipment		-	-	-	-	-	-	-	-	-	-	-	-
3.5) Support Equipment		-	-	-	-	-	-	-	-	-	-	-	-
3.6) ILS		-	-	-	-	-	-	-	-	-	-	-	-
3.7) Other Support		-	-	-	-	-	-	-	-	-	-	-	-
3.8) Interim Contractor Support		-	-	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>			0.000		0.000		0.000		0.000		0.000		406.646
<i>Procurement Cost (Procurement + Support)</i>			0.000		0.000		0.000		0.000		0.000		406.646
<i>Total Installation Cost</i>			0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)			0.000		0.000		0.000		0.000		0.000		406.646
Remarks:													
Manufacturer Information: [Missing Data - No Procurement Cost Elements Entered Yet]													
Manufacturer Name: [Missing Data - No Procurement Cost Elements Entered Yet]							Manufacturer Location: [Missing Data - No Procurement Cost Elements Entered Yet]						
Administrative Leadtime (<i>in Months</i>):							Production Leadtime (<i>in Months</i>):						
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017						
Contract Dates													
Delivery Dates													
Installation: [Missing Data - No Procurement Cost Elements Entered Yet]			Method of Implementation: [Missing Data - No Procurement Cost Elements Entered Yet]					Installation Quantity: 0					

UNCLASSIFIED

Exhibit P-40, Budget Item Justification Sheet: PB 2013 Navy **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity:
1506N : Aircraft Procurement, Navy / BA 5 : Modification of Aircraft / BSA 1 :
Modification Of Aircraft

P-1 Line Item Nomenclature:
0522 - Adversary

ID Code (A=Service Ready, B=Not Service Ready) : A **Program Elements for Code B Items:** **Other Related Program Elements:**

Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	46.100	-	-	4.289	-	4.289	2.992	1.497	-	-	0.000	54.878
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	46.100	-	-	4.289	-	4.289	2.992	1.497	-	-	0.000	54.878
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	46.100	-	-	4.289	-	4.289	2.992	1.497	-	-	0.000	54.878

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

DESCRIPTION: This line item funds modifications to convert a total of 10 F-16A Aircraft, regenerated from the Aircraft Maintenance and Regeneration facility into a Navy approved configuration. It allows the U.S. Navy to maintain as close a standardized configuration with the Air Force as possible based on need. It also allows the Navy to initiate unique structural, avionics, and other safety related modifications. The overall goal of the modifications budgeted in 2013 is to incorporate airframe modifications and selected Air Force approved Time-Compliance Technical Orders (TCTO's) to improve safety and reliability. The specific modifications budgeted and programmed are for the F-16 Structural Enhancement Program.

Item Schedule		Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total			
Item Nomenclature*	Exhibits	ID CD	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Structural Enhancement Program (OSIP 009-13) - 1	P3A		-	-	0.000	-	-	0.000	-	-	0.000	-	-	4.289	-	-	0.000	-	-	4.289
Inactive OSIPs - 2	P3A		-	-	46.100	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000
Total Gross/Weapon System Cost					46.100			-			-			4.289			-			4.289

		FY 2014			FY 2015			FY 2016			FY 2017			To Complete			Total			
Item Nomenclature*	Exhibits	ID CD	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Structural Enhancement Program (OSIP 009-13) - 1	P3A		-	-	2.992	-	-	1.497	-	-	0.000	-	-	0.000	-	-	0.000	-	-	8.778
Inactive OSIPs - 2	P3A		-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	46.100

UNCLASSIFIED

Exhibit P-40, Budget Item Justification Sheet: PB 2013 Navy														Date: February 2012								
Appropriation / Budget Activity / Budget Sub Activity: 1506N : Aircraft Procurement, Navy / BA 5 : Modification of Aircraft / BSA 1 : Modification Of Aircraft										P-1 Line Item Nomenclature: 0522 - Adversary												
ID Code (A=Service Ready, B=Not Service Ready) : A				Program Elements for Code B Items:						Other Related Program Elements:												
Item Nomenclature*	Exhibits	ID CD	FY 2014			FY 2015			FY 2016			FY 2017			To Complete			Total				
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)		
Total Gross/Weapon System Cost					2.992				1.497			-			-				0.000			54.878
*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.																						

Justification:

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0522 - Adversary
Modification Nomenclature (<i>Modification Title, Modification Number</i>): Structural Enhancement Program (OSIP 009-13) - 1		

Models of Systems Affected: F-16 ADVERSARY SERIES	Type Modification: Safety/Reliability	Related RDT&E PEs:
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	0.000	0.000	0.000	4.289	0.000	4.289	2.992	1.497	0.000	0.000	0.000	8.778
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	0.000	0.000	0.000	4.289	0.000	4.289	2.992	1.497	0.000	0.000	0.000	8.778
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	0.000	0.000	0.000	4.289	0.000	4.289	2.992	1.497	0.000	0.000	0.000	8.778

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

DESCRIPTION/JUSTIFICATION: 10 DoN F-16As require FALCON UP Service Life Extension Program to mitigate expected structural cracking. Without FALCON UP, NAVAIR 4.3 expects less than half of the F-16As to remain in service through the FYDP. Action funds FALCON UP for all 10 F-16As.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: All components and systems required for this program are already qualified, and/or approved Navy use. No operational testing is envisioned under this program.

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0522 - Adversary	Modification Nomenclature <i>(Modification Title, Modification Number):</i> Structural Enhancement Program (OSIP 009-13) - 1

Models of Systems Affected: F-16 ADVERSARY SERIES	Type Modification: Safety/Reliability	Related RDT&E PEs:
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
Structural Enhancement Program (OSIP 009-13)												
A Kits												
Recurring												
1.1.1) Falcon UP Kits - NonOrganic	-	-	-	-	-	-	5	1.500	-	-	5	1.500
<i>Subtotal Recurring</i>		0.000		0.000		0.000		1.500		0.000		1.500
B Kits												
NonRecurring												
2.2.2) Non Recurring Engineering - Organic	-	-	-	-	-	-	-	2.000	-	-	-	2.000
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		2.000		0.000		2.000
<i>Total, Structural Enhancement Program (OSIP 009-13)</i>	-	-	-	-	-	-	5	3.500	-	-	5	3.500
<i>Total, All Modifications</i>		0.000		0.000		0.000		3.500		0.000		3.500
Support												
3.1) Data	-	0.000	-	-	-	-	-	-	-	-	-	-
3.2) Engineering Change Order	-	0.000	-	-	-	-	-	-	-	-	-	-
3.3) Training Equipment	-	0.000	-	-	-	-	-	-	-	-	-	-
3.4) Support Equipment	-	0.000	-	-	-	-	-	-	-	-	-	-
3.5) ILS	-	0.000	-	-	-	-	-	-	-	-	-	-
3.6) Other Support	-	-	-	-	-	-	-	0.789	-	-	-	0.789
3.7) Interim Contractor Support	-	0.000	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		0.000		0.000		0.000		0.789		0.000		0.789
<i>Procurement Cost (Procurement + Support)</i>		0.000		0.000		0.000		4.289		0.000		4.289
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		0.000		0.000		0.000		4.289		0.000		4.289

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0522 - Adversary	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Structural Enhancement Program (OSIP 009-13) - 1

Models of Systems Affected: F-16 ADVERSARY SERIES	Type Modification: Safety/Reliability	Related RDT&E PEs:
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
Structural Enhancement Program (OSIP 009-13)												
A Kits												
Recurring												
1.1.1) Falcon UP Kits - NonOrganic	5	1.500	-	-	-	-	-	-	-	-	10	3.000
<i>Subtotal Recurring</i>		1.500		0.000		0.000		0.000		0.000		3.000
NonRecurring												
2.2.2) Non Recurring Engineering - Organic	-	-	-	-	-	-	-	-	-	-	-	2.000
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		2.000
<i>Total, Structural Enhancement Program (OSIP 009-13)</i>	5	1.500	-	-	-	-	-	-	-	-	10	5.000
<i>Total, All Modifications</i>		1.500		0.000		0.000		0.000		0.000		5.000
Support												
3.1) Data	-	-	-	-	-	-	-	-	-	-	-	-
3.2) Engineering Change Order	-	-	-	-	-	-	-	-	-	-	-	-
3.3) Training Equipment	-	-	-	-	-	-	-	-	-	-	-	-
3.4) Support Equipment	-	-	-	-	-	-	-	-	-	-	-	-
3.5) ILS	-	-	-	-	-	-	-	-	-	-	-	-
3.6) Other Support	-	-	-	-	-	-	-	-	-	-	-	0.789
3.7) Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		0.000		0.000		0.000		0.000		0.000		0.789
<i>Procurement Cost (Procurement + Support)</i>		1.500		0.000		0.000		0.000		0.000		5.789
<i>Total Installation Cost</i>		1.492		1.497		0.000		0.000		0.000		2.989
Total Cost (Procurement + Support + Installation)		2.992		1.497		0.000		0.000		0.000		8.778

Remarks:

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0522 - Adversary	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Structural Enhancement Program (OSIP 009-13) - 1

Models of Systems Affected: F-16 ADVERSARY SERIES	Type Modification: Safety/Reliability	Related RDT&E PEs:
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Manufacturer Information: Structural Enhancement Program (OSIP 009-13)							
Manufacturer Name: TBD				Manufacturer Location: TBD			
Administrative Leadtime (<i>in Months</i>): 3				Production Leadtime (<i>in Months</i>): 12			
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates			Dec 2012	Dec 2013			
Delivery Dates			Dec 2013	Dec 2014			

Installation: Structural Enhancement Program (OSIP 009-13)		Method of Implementation: Depot Maintenance Contractor Facility				Installation Name: Falcon UP Kits						
Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	-	-

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	5	1.492	-	-	-	-	-	-	-	-	5	1.492
FY 2014	-	-	5	1.497	-	-	-	-	-	-	5	1.497

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0522 - Adversary
Models of Systems Affected: F-16 ADVERSARY SERIES		Type Modification: Safety/Reliability
		Related RDT&E PEs:

Installation: Structural Enhancement Program (OSIP 009-13)	Method of Implementation: Depot Maintenance Contractor Facility	Installation Name: Falcon UP Kits
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Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	5	1.492	5	1.497	-	-	-	-	-	-	10	2.989

Installation Schedule																																
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot	
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4			
In	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	2	-	3	-	2	-	-	-	-	-	-	-	-	-	-	-	10
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	2	-	3	-	2	-	-	-	-	-	-	-	-	-	-	10

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy								Date: February 2012				
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0522 - Adversary				Modification Nomenclature (<i>Modification Title, Modification Number</i>): Inactive OSIPs - 2				

Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]				Related RDT&E PEs:					
Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	46.100	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	46.100
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	46.100	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	46.100
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	46.100	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	46.100

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

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UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0522 - Adversary	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Inactive OSIPs - 2

Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs:
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
Inactive OSIPs												
B Kits												
NonRecurring												
2.2.1) Inactive OSIPs - Organic	-	46.100	-	-	-	-	-	-	-	-	-	-
<i>Subtotal NonRecurring</i>		46.100		0.000		0.000		0.000		0.000		0.000
<i>Total, Inactive OSIPs</i>	-	46.100	-	-	-	-	-	-	-	-	-	-
<i>Total, All Modifications</i>		46.100		0.000		0.000		0.000		0.000		0.000
<i>Procurement Cost (Procurement + Support)</i>		46.100		0.000		0.000		0.000		0.000		0.000
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		46.100		0.000		0.000		0.000		0.000		0.000

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
Inactive OSIPs												
B Kits												
NonRecurring												
2.2.1) Inactive OSIPs - Organic	-	-	-	-	-	-	-	-	-	-	-	46.100
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		46.100
<i>Total, Inactive OSIPs</i>	-	-	-	-	-	-	-	-	-	-	-	46.100
<i>Total, All Modifications</i>		0.000		0.000		0.000		0.000		0.000		46.100
<i>Procurement Cost (Procurement + Support)</i>		0.000		0.000		0.000		0.000		0.000		46.100
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		0.000		0.000		0.000		0.000		0.000		46.100

Remarks:

Manufacturer Information: Inactive OSIPs	
Manufacturer Name: Manufacturer Name Not Provided.	Manufacturer Location: Manufacturer Location Not Provided.

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Exhibit P-3A, Individual Modification: PB 2013 Navy						Date: February 2012	
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1			P-1 Line Item Nomenclature: 0522 - Adversary			Modification Nomenclature (<i>Modification Title, Modification Number</i>): Inactive OSIPs - 2	
Models of Systems Affected: [No Model Specified]		Type Modification: [No Modification Type Specified]			Related RDT&E PEs:		
Manufacturer Information: Inactive OSIPs							
Administrative Leadtime (<i>in Months</i>):				Production Leadtime (<i>in Months</i>):			
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates							
Delivery Dates							
Installation: Inactive OSIPs							
Method of Implementation: No Quantities Associated with Install				Installation Quantity: 0			

UNCLASSIFIED

Exhibit P-40, Budget Item Justification Sheet: PB 2013 Navy **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 1506N : Aircraft Procurement, Navy / BA 5 : Modification of Aircraft / BSA 1 : Modification Of Aircraft	P-1 Line Item Nomenclature: 0525 - F-18 Series
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Resource Summary	Prior Years	Program Elements for Code B Items:					Other Related Program Elements:						
		FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total	
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	4,456.336	482.020	472.159	647.306	41.243	688.549	996.458	1,246.249	1,495.489	1,495.104	3,966.922	15,299.286	
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-	
Net Procurement (P1) (\$ in Millions)	4,456.336	482.020	472.159	647.306	41.243	688.549	996.458	1,246.249	1,495.489	1,495.104	3,966.922	15,299.286	
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-	
Total Obligation Authority (\$ in Millions)	4,456.336	482.020	472.159	647.306	41.243	688.549	996.458	1,246.249	1,495.489	1,495.104	3,966.922	15,299.286	
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>													
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-	
Flyaway Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-	
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-	

Description:

This line item funds modifications to all models of the F/A-18 aircraft. The F/A-18 Naval Strike Fighter is a twin-engine, mid-wing, multi-mission tactical aircraft. The F/A-18 is employed in both Navy and Marine Corps squadrons. Commencing with the FY 1988 procurement, both the single seat and two-seat F/A-18's include a night attack capability. The F/A-18 can be missionized through selected use of external equipment to accomplish specific fighter or attack missions. This commonality provides the Operational Commander more flexibility in employing his tactical aircraft in a dynamic scenario. The primary design mission for the F/A-18 is a strike fighter which includes the traditional fighter applications, such as fighter escort and fleet air defense, combined with the attack applications, such as interdiction and close air support. Since fighter capabilities are available in either mission, a robust self-defense capability is retained.

The overall goal of the modifications budgeted in FY 2013 is to implement commonality/capability and structural safety and reliability improvements. The specific modifications budgeted and programmed are:

Item Schedule		ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Correction of Discrepancies (OSIP 11-84) - 1	P3A		-	-	849.658	-	-	68.349	-	-	22.499	-	-	68.013	-	-	0.000	-	-	68.013
Digital Communications System (DCS) (OSIP 10-99) - 2	P3A		-	-	26.826	-	-	3.885	-	-	10.880	-	-	13.505	-	-	0.000	-	-	13.505
F/A-18 Aircraft Structural Life Management Plan (SLMP) (OSIP 11-99) CBR+ - 3	P3A		-	-	700.163	-	-	84.328	-	-	109.409	-	-	151.418	-	-	0.000	-	-	151.418
Multi-Functional Information Distribution System (MIDS) (OSIP 12-99) - 4	P3A		-	-	384.658	-	-	0.009	-	-	0.000	-	-	0.094	-	-	0.000	-	-	0.094

UNCLASSIFIED

Exhibit P-40, Budget Item Justification Sheet: PB 2013 Navy **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity:
 1506N : Aircraft Procurement, Navy / BA 5 : Modification of Aircraft / BSA 1 :
 Modification Of Aircraft

P-1 Line Item Nomenclature:
 0525 - F-18 Series

ID Code (A=Service Ready, B=Not Service Ready) : A **Program Elements for Code B Items:** **Other Related Program Elements:**

Item Schedule		ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
USMC F/A-18 Upgrade ECP-583 (OSIP 21-00) - 5	P3A		-	-	301.978	-	-	13.711	-	-	38.224	-	-	36.162	-	-	0.000	-	-	36.162
Joint Helmet Mounted Cueing System (JHMCS) (OSIP 24-00) - 6	P3A		-	-	206.655	-	-	32.891	-	-	40.356	-	-	26.629	-	-	0.000	-	-	26.629
Advanced Targeting Forward Looking Infrared (ATFLIR) (OSIP 12-01) - 7	P3A		-	-	749.023	-	-	14.850	-	-	51.940	-	-	5.578	-	-	41.243	-	-	46.821
F/A-18C/D/E/F and EA-18G Training System (OSIP 006-02) - 8	P3A		-	-	107.276	-	-	9.121	-	-	12.620	-	-	11.683	-	-	0.000	-	-	11.683
E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03) - 9	P3A		-	-	239.140	-	-	40.897	-	-	49.042	-	-	115.354	-	-	0.000	-	-	115.354
Core Avionics Improvements / Upgrades (OSIP 023-04) - 10	P3A		-	-	84.021	-	-	13.440	-	-	5.303	-	-	48.980	-	-	0.000	-	-	48.980
AESA/AN-APG-65/AN-APG-73 (OSIP 002-07) - 11	P3A		-	-	253.378	-	-	122.729	-	-	67.548	-	-	119.586	-	-	0.000	-	-	119.586
EW Unique (OSIP 021-08) - 12	P3A		-	-	100.681	-	-	35.000	-	-	5.271	-	-	0.000	-	-	0.000	-	-	0.000
Network Centric Operations: OSIP 001-10 - 13	P3A		-	-	30.323	-	-	34.408	-	-	50.360	-	-	42.611	-	-	0.000	-	-	42.611
EA-18G Unique OSIP (011-10) - 14	P3A		-	-	1.251	-	-	8.402	-	-	8.707	-	-	6.693	-	-	0.000	-	-	6.693
Power and Propulsion (11-13) - 15	P3A		-	-	0.000	-	-	0.000	-	-	0.000	-	-	1.000	-	-	0.000	-	-	1.000
Infrared Search and Track (IRST) (04-14) - 16	P3A		-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000
Inactive OSIPs - 17	P3A		-	-	421.305	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000
Total Gross/Weapon System Cost					4,456.336			482.020			472.159			647.306			41.243			688.549

Item Nomenclature*	Exhibits	ID CD	FY 2014			FY 2015			FY 2016			FY 2017			To Complete			Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Correction of Discrepancies (OSIP 11-84) - 1	P3A		-	-	106.705	-	-	46.718	-	-	117.415	-	-	54.648	-	-	56.639	-	-	1,390.644
Digital Communications System (DCS) (OSIP 10-99) - 2	P3A		-	-	37.996	-	-	52.140	-	-	2.489	-	-	19.320	-	-	0.000	-	-	167.041

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Exhibit P-40, Budget Item Justification Sheet: PB 2013 Navy **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity:
 1506N : Aircraft Procurement, Navy / BA 5 : Modification of Aircraft / BSA 1 :
 Modification Of Aircraft

P-1 Line Item Nomenclature:
 0525 - F-18 Series

ID Code (A=Service Ready, B=Not Service Ready) : A **Program Elements for Code B Items:** **Other Related Program Elements:**

Item Nomenclature*	Exhibits	ID CD	FY 2014			FY 2015			FY 2016			FY 2017			To Complete			Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
F/A-18 Aircraft Structural Life Management Plan (SLMP) (OSIP 11-99) CBR+ - 3	P3A		-	-	204.406	-	-	314.493	-	-	491.057	-	-	413.080	-	-	105.665	-	-	2,574.019
Multi-Functional Information Distribution System (MIDS) (OSIP 12-99) - 4	P3A		-	-	0.402	-	-	20.788	-	-	27.304	-	-	98.176	-	-	111.130	-	-	642.561
USMC F/A-18 Upgrade ECP-583 (OSIP 21-00) - 5	P3A		-	-	15.134	-	-	15.418	-	-	5.737	-	-	0.000	-	-	0.000	-	-	426.364
Joint Helmet Mounted Cueing System (JHMCS) (OSIP 24-00) - 6	P3A		-	-	12.704	-	-	8.384	-	-	0.000	-	-	0.000	-	-	0.000	-	-	327.619
Advanced Targeting Forward Looking Infrared (ATFLIR) (OSIP 12-01) - 7	P3A		-	-	6.710	-	-	5.865	-	-	5.332	-	-	0.000	-	-	0.000	-	-	880.541
F/A-18C/D/E/F and EA-18G Training System (OSIP 006-02) - 8	P3A		-	-	27.767	-	-	24.366	-	-	36.434	-	-	32.986	-	-	355.942	-	-	618.195
E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03) - 9	P3A		-	-	166.360	-	-	180.757	-	-	152.758	-	-	216.892	-	-	202.599	-	-	1,363.799
Core Avionics Improvements / Upgrades (OSIP 023-04) - 10	P3A		-	-	68.125	-	-	100.052	-	-	79.828	-	-	169.653	-	-	1,245.500	-	-	1,814.902
AESA/AN-APG-65/AN-APG-73 (OSIP 002-07) - 11	P3A		-	-	192.359	-	-	217.080	-	-	295.183	-	-	197.038	-	-	432.291	-	-	1,897.192
EW Unique (OSIP 021-08) - 12	P3A		-	-	0.574	-	-	0.772	-	-	0.774	-	-	0.000	-	-	0.000	-	-	143.072
Network Centric Operations: OSIP 001-10 - 13	P3A		-	-	50.456	-	-	53.892	-	-	35.975	-	-	34.547	-	-	68.746	-	-	401.318
EA-18G Unique OSIP (011-10) - 14	P3A		-	-	6.912	-	-	22.779	-	-	16.555	-	-	16.746	-	-	204.000	-	-	292.045
Power and Propulsion (11-13) - 15	P3A		-	-	1.000	-	-	30.033	-	-	70.000	-	-	20.567	-	-	394.120	-	-	516.720
Infrared Search and Track (IRST) (04-14) - 16	P3A		-	-	98.848	-	-	152.712	-	-	158.648	-	-	221.451	-	-	790.290	-	-	1,421.949
Inactive OSIPs - 17	P3A		-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	421.305
Total Gross/Weapon System Cost					996.458			1,246.249			1,495.489			1,495.104			3,966.922			15,299.286

*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.

Justification:

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature <i>(Modification Title, Modification Number):</i> Correction of Discrepancies (OSIP 11-84) - 1

Models of Systems Affected: F/A-18 A/B/C/D	Type Modification: SAFETY /RELIABILITY/ IMPROVEMENT	Related RDT&E PEs:
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	849.658	68.349	22.499	68.013	0.000	68.013	106.705	46.718	117.415	54.648	56.639	1,390.644
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	849.658	68.349	22.499	68.013	0.000	68.013	106.705	46.718	117.415	54.648	56.639	1,390.644
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	849.658	68.349	22.499	68.013	0.000	68.013	106.705	46.718	117.415	54.648	56.639	1,390.644

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

Corrections to discrepancies found during testing and evaluation can sometimes be incorporated into production aircraft, effective with the physical configuration audit which establishes the product baseline of the aircraft. However, when this cannot be done due to time constraints, retrofit of the changes into already delivered aircraft requires funding through the Aircraft Modification Program. Additionally, deficiencies discovered during fleet operations must be corrected. The unacceptable alternative to retrofitting would be multiple configurations in the fleet, which will create maintenance and supply problems, and in many cases the mission capability of the aircraft would be adversely affected as well as reduced service life. Modifications for the F/A-18 A/B/C/D aircraft include: flight controls, forward fuselage, aft fuselage, wing, critical structures, electrical, hydraulic, environmental control systems (ECS), launch and recovery, fuel, mechanical, secondary power, and other sustainment activities. Corrections to the following items/conditions are required:

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: Each change has been or will be tested prior to installation in the F/A-18.

- ECP 087S1 External Stores EMI Protection Provide for the application of external stores EMI Protection. This ECP includes Installation Costs ONLY.
- ECP 592 - Side Fuselage Crack Safety improvement to the fatigue life of the forward skin section of the chem.-milled panels.
- ECP 608 - Crease Longeron Restores the load path lost when the Crease Longeron cracks at FS 453.
- ECP MB9425 Modified NACES Backplate Modification to the NACES backplate to prevent cracks
- ECP 536 ST-16 Failures Modifies aircraft between Lot VI and Lot XVI or realize Full Life Airframe (6000 Fatigue Hours)
- ECP592 AFT Fuselage Skin Crack Safety improvement to the fatigue life of the forward skin section of the chem.-milled panels.
- ECP XXX5 Wing SPAR Crack Strengthens the existing front inner wing SPAR to improve fatigue life.
- ECP NI 931 Forward Lower Keel Modification Improves fatigue life of the Nose Landing Gear (NLG) Drag Brace.
- ECP 974NI MLG Y488 Bulkhead Restores Full Life to Y488 Bulkhead due to cracks around MLG Uplock hardware holes
- ECP 590 OBOGS Solid-State Oxygen Monitor (SSOM), CRU-99/A Safety improvement to the OBOGS oxygen system, providing an additional monitoring capabilities against Hypoxia resulting in safer flight operation.
- ECP 608 Crease Longeron Restores the load path lost when the Crease Longeron cracks at FS 453.
- ECP 609 F/A-18 A-D INNER WING CONVERSION Convert Lots 5 through 9 Inner Wings to be used on Lot 10 and above F/A-18C/D aircraft, and convert Lot 10 and 11 InnerWings to be used on Lot 12 and above F/A-18C/D aircraft.
- ECP-JAX-F18-001 NFDS Mods, C&D Conversion Removing the weapon systems from the aircraft, install Smoke Generation System and install Auxiliary Fuel Pumps for extended inverted flight.

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Correction of Discrepancies (OSIP 11-84) - 1
Models of Systems Affected: F/A-18 A/B/C/D	Type Modification: SAFETY /RELIABILITY/ IMPROVEMENT	Related RDT&E PEs:
<p>ECP-609 (Bundled in) Interwing Conversion ECP XXX-21 (Bundled in ECP-609) Converting Lot 10/11 Wings to Lot 12 and above configuration.</p> <p>ECP-1022NI Inner Wing Structure Fatigue Improvement Improving inner wing fatigue life Front SPAR.</p> <p>ECP-1034NI TEF-Aileron Attach Lug Bushing To prevent electronic magnetic interference (EMI) tabs from gouging TEF/AIL hinges causing life limited restrictions.</p> <p>ECP-1054NI LEF Stop Module & Torque Limiter Improvement Modification to correct failures in the LEF Torque Tubes Drive System Failures</p> <p>ECP 1071 NI F/A-18 A-D MLG Planing Mechanism Assembly Perf Upgrade Modification to provide the fleet with upgraded MLG planing mechanism components by replacing hollow piston with a solid piston to increase the resistance to bending/buckling</p> <p>ECP MB9431 NACES Bracket Interim Support Kits Modification to upgrade the NACES alloy catapult mounting bracket with stainless steel mounting bracket eliminating recurring periodic inspections</p> <p>ECP XXX13 Bay 3 Shelf Redesign Modify avionic shelves to withstand catapult fatigue loads.</p> <p>ECP XXX14 Bay 4 Shelf Redesign Modify avionic shelves to withstand catapult fatigue loads.</p> <p>ECP XXX-16 Vertical Tail Modify vertical tail former and spars to prevent fatigue cracking.</p> <p>ECP XXX-17 Canopy/Windscreen Modify canopy/windscreen frames and address delamination.</p> <p>ECP-XXX18 NLG/MLG Fatigue Improvements Fatigue Improvements to include arresting gear planning link redesign</p> <p>ECP-XXX23 AFT Fuselage Structure Failures Modification to correct failed AFT fuselage areas</p> <p>ECP-XXX24 NACES Improved Upper Catapult Sleeve, Safety ECP Modification to incorporate a redesigned NACES upper catapult sleeve</p> <p>ECP XXX25 F/A-18 B/D Canopy Sill Longeron Crack Modification to beef up the canopy sill Longeron to prevent severing condition</p> <p>ECP XXX26 F/A-18 A-D Structural Stress Corrosion Cracking Issues Modification to correct structural stress corrosion issues during fleet usage</p> <p>ECP XXX27 F/A-18 A-D Subsystems Retrofit Upgrades Issues Modification to correct discrepancies in the aircraft mechanical, hydraulic, electrical, and cooling systems</p> <p>ECP XXX28 F/A-18 A-D ECS Subsystems Upgrade Issues Modification to correct discrepancies within the ECS components and sub-component elements</p> <p>ECP XXX29 F/A-18 A-D Fuel Related Updgrade Issues Modification to correct discrepancies within the internal and external fuel tanks and fuel plumbing, including electrical components</p> <p>ECP XXX30 F/A-18 A-D Flight Control Surfaces Issue Modification to flight control surfaces issues during fleet usage</p> <p>ECP XXX31 F/A-18 A-D KAPTON Wiring Modification Improvement Modification to upgrade aircraft electrical wiring</p> <p>ECP-1086 NI F/A-18 A-D Modification of A/C (ECS) Test Set Publication related updates</p> <p>ECP 1088 F/A-18 A-D Fuel Valve Interchangeability Modification to upgrade fuel valves for configuration purposes</p> <p>ECP 1095 F/A-18 A-D MLG Side Brace Downlock Actuator Connection Link Modification to upgrade the MLG Actuator link</p> <p>ECP 6343 F/A-18 A-D External Fuel Tank Air Pressure Regulator (ETPR) Modification to upgrade the external fuel tank air pressure regulator for the A-D fleet</p> <p>ECP MB9445 Replacement of NACES Radio Beacon Actuator Modification to Incorporate a new and improved radio beacon signal in order to comply with new satellite requirements</p> <p>ECP 1058 F/A-18 A-D Lox Switch Retrofit Modification to the Lox Switch Retrofit</p> <p>ECP 1101 F/A-18 A-D Inner Wing Aft Closure Rib Retrofit Modification to the Inner Wing Aft Closure Rib</p> <p>ECP 1119 F/A-18 A-D Retrofit of Lower Center Keel ECS Bleed Air Ducts & Insulation Modification to the Lower Center Keel ECS Bleed Air Ducts & Insulation</p> <p>ECP 1121 F/A-18 A-D MLG Critical Components Retrofit Modification to Main Landing Gear Critical Components</p> <p>ECP 1122 F/A-18 A-D NLG Critical Components Retrofit Modification to Nose Landing Gear Critical Components</p> <p>ECP 6339 F/A-18 A-D Incorporation of GFE Improved SSOM System (ECP590) Publication related updates</p> <p>ECP 6376 F/A-18 A-D NACES Ejection Seat Improvements (ECP MB9431) Publication related updates</p> <p>ECP XXX32 F/A-18 A-D Y470 Inner Wing Panel Lug Modification to the Y470 Inner Wing Panel Lug</p>		

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Correction of Discrepancies (OSIP 11-84) - 1

Models of Systems Affected: F/A-18 A/B/C/D	Type Modification: SAFETY /RELIABILITY/ IMPROVEMENT	Related RDT&E PEs:
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
Correction of Discrepancies (OSIP 11-84)												
A Kits												
Recurring												
1.1.1) ECP 121R1/Auto AC Bus Isolation - Organic ⁽¹⁾	356	0.683	-	-	-	-	-	-	-	-	-	-
1.1.2) ECP 165R1/Battery Control Relay Unit - Organic	251	0.527	-	-	-	-	-	-	-	-	-	-
1.1.3) ECP 178/FY86 Block Upgrade - Organic	82	4.726	-	-	-	-	-	-	-	-	-	-
1.1.4) ECP 241R1/Center Fuselage Structural Mods - Organic	1,719	0.605	-	-	-	-	-	-	-	-	-	-
1.1.5) ECP 251/Dorsal Longeron - Organic	1,926	0.814	-	-	-	-	-	-	-	-	-	-
1.1.6) ECP 251R1/Dorsal Longeron - Organic	443	8.624	-	-	-	-	-	-	-	-	-	-
1.1.7) ECP 262/470.5 Bulkhead - Organic	494	0.000	-	-	-	-	-	-	-	-	-	-
1.1.8) ECP 267R1/Righthand AMAD Bay - Organic	287	0.000	-	-	-	-	-	-	-	-	-	-
1.1.9) ECP 276/Y508 Former - Organic	836	0.994	-	-	-	-	-	-	-	-	-	-
1.1.10) ECP 305/AFT Engine Mount - Organic	619	0.000	-	-	-	-	-	-	-	-	-	-
1.1.11) ECP 306/Y657.35 Engine Bay Door Former - Organic	688	0.858	-	-	-	-	-	-	-	-	-	-
1.1.12) ECP 311/Main Landing Gear (MLG) Planing Link - Organic	10	0.034	-	-	-	-	-	-	-	-	-	-
1.1.13) ECP 319/MLG Trunnion Upgrade - Organic	1,405	0.000	-	-	-	-	-	-	-	-	-	-
1.1.14) ECP 320/Y488 Bulkhead - Organic	473	1.163	-	-	-	-	-	-	-	-	-	-
1.1.15) ECP 353/Wing Fatigue Repair - Organic	98	0.653	-	-	-	-	-	-	-	-	-	-
1.1.16) ECP 355/MLG Shoulder Belt - Organic	350	0.181	-	-	-	-	-	-	-	-	-	-
1.1.17) ECP 364/ASPJ System Improvement - Organic	225	0.000	-	-	-	-	-	-	-	-	-	-
1.1.18) ECP 365/Y470 Bulkhead Improvement - Organic	982	1.015	-	-	-	-	-	-	-	-	-	-
1.1.19) ECP 367/#1 Fuel Cell Floor - Organic	557	0.286	-	-	-	-	-	-	-	-	-	-
1.1.20) ECP 375/MLG Retract Actuator - Organic	1,323	5.745	-	-	-	-	-	-	-	-	-	-
1.1.21) ECP 391/Fretting on Formers & Spindles - Organic	582	0.262	-	-	-	-	-	-	-	-	-	-
1.1.22) ECP 402/Fuselage Skin, Y518 to Y533 - Organic	638	0.005	-	-	-	-	-	-	-	-	-	-
1.1.23) ECP 402R1/Fuselage Skin, Y518 to Y534 - Organic	720	2.123	-	-	-	-	-	-	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Correction of Discrepancies (OSIP 11-84) - 1

Models of Systems Affected: F/A-18 A/B/C/D	Type Modification: SAFETY /RELIABILITY/ IMPROVEMENT	Related RDT&E PEs:
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
1.1.24) ECP 417/Inlet Duct Skin at Y453 - Organic	575	2.011	-	-	-	-	-	-	-	-	-	-
1.1.25) ECP 428/Y470.5 Bulkhead MLG Trunnion - Organic	2	0.100	-	-	-	-	-	-	-	-	-	-
1.1.26) ECP 440/Speed Brake Trough - Organic	591	1.022	-	-	-	-	-	-	-	-	-	-
1.1.27) ECP 488/SUU-63 Wing Pylon Door Panel - Organic	1,351	0.829	-	-	-	-	-	-	-	-	-	-
1.1.28) ECP 492/Y470.5 Bulkhead Fatigue Change - Organic	688	1.369	-	-	-	-	-	-	-	-	-	-
1.1.29) ECP 498/Fuselage Skin at Y453 - Organic	696	0.723	-	-	-	-	-	-	-	-	-	-
1.1.30) ECP 501/Nacelle Skin Fatigue Improvements - Organic	663	3.728	-	-	-	-	-	-	-	-	-	-
1.1.31) ECP 506/LAU-115 Sparrow Mod - Organic	935	0.000	-	-	-	-	-	-	-	-	-	-
1.1.32) ECP 536/ST-16 Failures - Organic	187	28.460	-	-	25	5.375	-	-	-	-	-	-
1.1.33) ECP 544/Improvement of Inner Wing SPAR - Organic	29	0.282	-	-	-	-	-	-	-	-	-	-
1.1.34) ECP 548/Fuel Barrier Web - Organic	750	1.353	-	-	-	-	-	-	-	-	-	-
1.1.35) ECP 550/Wing Drag Longeron - Organic	119	0.220	-	-	-	-	-	-	-	-	-	-
1.1.36) ECP 561/Y326.5 Plate Nut - Organic	532	0.189	-	-	-	-	-	-	-	-	-	-
1.1.37) ECP 562/Lower Center Keel Fire Hazard - Organic	798	0.359	-	-	-	-	-	-	-	-	-	-
1.1.38) ECP 574/Trailing Edge Flaps - Organic	1,026	26.787	-	-	-	-	-	-	-	-	-	-
1.1.39) ECP 574/Aileron - Organic	707	18.157	-	-	-	-	-	-	-	-	-	-
1.1.40) ECP 598 Servocylinder Test Station - Organic	9	1.362	-	-	-	-	-	-	-	-	-	-
1.1.41) NI 879/Hydraulic Temp Guages - Organic	150	0.150	-	-	-	-	-	-	-	-	-	-
1.1.42) NI 742/Environment Control System Wiring - Organic	150	0.150	-	-	-	-	-	-	-	-	-	-
1.1.43) NI 796/Wing Fuel Dams - Organic	515	0.787	-	-	-	-	-	-	-	-	-	-
1.1.44) NI 824/MLG Trunnion Assembly - Organic	425	13.353	-	-	-	-	-	-	-	-	-	-
1.1.45) NI 827/Heat Exchanger - Organic	37	0.409	-	-	-	-	-	-	-	-	-	-
1.1.46) NI 830/Night Vision Display System (NVDS) - Organic	14	0.302	-	-	-	-	-	-	-	-	-	-
1.1.47) NI 839/Trailing Edge Flap - Organic	1,150	9.383	-	-	-	-	-	-	-	-	-	-
1.1.48) ECP XXX - Anti G Valve - Organic	800	0.964	-	-	-	-	-	-	-	-	-	-
1.1.49) ECP 973 Fuel Cell Floor Crack - Organic	200	2.871	-	-	-	-	-	-	-	-	-	-
1.1.50) ECP 952 - MLG Axle - Organic	688	17.110	-	-	-	-	-	-	-	-	-	-

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Correction of Discrepancies (OSIP 11-84) - 1

Models of Systems Affected: F/A-18 A/B/C/D	Type Modification: SAFETY /RELIABILITY/ IMPROVEMENT	Related RDT&E PEs:
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
1.1.51) ECP 974 NI MLG Y488 Bulkhead - Organic	-	-	-	-	-	-	120	1.095	-	-	120	1.095
1.1.52) ECP 590 OBOGS SSOM, Safety ECP - Organic	-	-	56	0.556	200	0.756	-	-	-	-	-	-
1.1.53) ECP NI-1013-05 Heat Derrent - Organic	630	8.848	-	-	-	-	-	-	-	-	-	-
1.1.54) ECP 1057 NI MLG Planning Mechanism Improvements - Organic	623	8.806	-	-	-	-	-	-	-	-	-	-
1.1.55) ECP 6217 Cockpit Pressurization Warning System (CPWS) - Organic	641	9.689	-	-	-	-	-	-	-	-	-	-
1.1.56) ECP 609 Inner Wing Conversion/ Modification - Fuel Improvements - Organic	3	0.037	-	-	-	-	40	0.134	-	-	40	0.134
1.1.57) ECP 609 Inner Wing Conversion/ Modification - Organic	3	1.668	-	-	-	-	-	-	-	-	-	-
1.1.58) ECP JAX F-18-001 NFDS MODS, C&D Conversion - Organic	12	5.258	-	-	-	-	-	-	-	-	-	-
1.1.59) ECP 0147 Repeatable Release Holdback Bar - Organic	285	1.518	-	-	-	-	-	-	-	-	-	-
1.1.60) ECP 9384 Redesign of Backrest Operation Plunger, Safety ECP - Organic	443	0.028	-	-	-	-	-	-	-	-	-	-
1.1.61) ECP 1022 NI Inner Wing Fatigue Improvement - Organic	-	-	100	0.955	-	-	100	0.994	-	-	100	0.994
1.1.62) ECP 1034 NI Trailing Edge Flap/Aileron Attach Log Bushing - Organic	-	-	100	0.058	150	0.088	150	0.090	-	-	150	0.090
1.1.63) ECP 1054 NI LEF Stop Module & Torque Limiter Improvement (2 per a/c) - Organic	1,260	14.628	-	-	-	-	-	-	-	-	-	-
1.1.64) ECP XXX23 AFT Fuselage Structure Failure - Organic	-	-	-	-	80	0.849	-	-	-	-	-	-
1.1.65) ECP 1036 NI Onboard Oxygen System (OBOGS), Safety ECP - Organic	331	0.123	-	-	-	-	-	-	-	-	-	-
1.1.66) ECP 1071 NI F/A-18 A-D MLG Planing Mechanism Assembly Perf Upgrade - Organic	649	2.975	-	-	-	-	-	-	-	-	-	-
1.1.67) ECP 6321R1 F/A-18 A-D MLG Doors Hing Pins Hdw Conv - Organic	640	0.157	-	-	-	-	-	-	-	-	-	-
1.1.68) ECP MB9431 NACES Bracket Interim Support Kits - Organic	46	0.074	-	-	-	-	-	-	-	-	-	-

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Correction of Discrepancies (OSIP 11-84) - 1

Models of Systems Affected: F/A-18 A/B/C/D	Type Modification: SAFETY /RELIABILITY/ IMPROVEMENT	Related RDT&E PEs:
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
1.1.69) ECP XXX26 F/A-18 A-D Structural Stress Corrosion Cracking Issues - Organic	-	-	-	-	-	-	50	2.551	-	-	50	2.551
1.1.70) ECP XXX27 F/A-18 A-D Subsystems Retrofit Upgrades Issues - Organic	-	-	-	-	-	-	100	4.080	-	-	100	4.080
1.1.71) ECP XXX28 F/A-18 A-D ECS Subsystems Upgrade Issues - Organic	-	-	-	-	-	-	100	2.500	-	-	100	2.500
1.1.72) ECP XXX29 F/A-18 A-D Fuel Related Upgrade Issues - Organic	-	-	-	-	-	-	150	1.500	-	-	150	1.500
1.1.73) ECP-XXX30 F/A-18 A-D Flight Control Surfaces Issues - Organic	-	-	-	-	-	-	100	1.020	-	-	100	1.020
1.1.74) ECP-1094 NI F/A-18 A-D AFT Fuselage Insulation Blankets Upgrade - Organic	-	0.123	-	-	-	-	-	-	-	-	-	-
1.1.75) ECP-1095 NI F/A-18 A-D MLG side Brace Downlock Actuator Upgrade - Organic	-	-	683	1.171	-	-	-	-	-	-	-	-
1.1.76) ECP-6343 F/A-18 A-D External Fuel Tank Air Pressure Regulator - Organic	150	0.252	-	-	155	0.313	150	0.265	-	-	150	0.265
1.1.77) ECP 1058 F/A-18 A-D Lox Switch Retrofit - Organic	-	-	12	0.040	-	-	-	-	-	-	-	-
1.1.78) ECP 1101 F/A-18 A-D Inner Wing Aft Closure Rib Retrofit - Organic	-	-	4	0.145	-	-	18	0.430	-	-	18	0.430
1.1.79) ECP 1119 F/A-18 A-D Retrofit of Lower Center Keel ECS Bleed Air Ducts & Insulation - Organic	-	-	300	2.133	-	-	-	-	-	-	-	-
1.1.80) ECP 1121 F/A-18 A-D MLG Critical Components Retrofit - Organic	-	-	4	0.048	-	-	120	1.498	-	-	120	1.498
1.1.81) ECP 1122 F/A-18 A-D NLG Critical Components Retrofit - Organic	-	-	4	0.040	-	-	-	-	-	-	-	-
1.1.82) ECP 1125 F/A-18 A-D Y470 Inner Wing Panel Lug - Organic	-	-	4	0.028	-	-	80	2.081	-	-	80	2.081
Subtotal Recurring		215.912		5.174		7.381		18.238		0.000		18.238
NonRecurring												
1.2.1) Installation Kits N/R - Organic	-	61.422	-	6.859	-	-	-	-	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Navy										Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1					P-1 Line Item Nomenclature: 0525 - F-18 Series					Modification Nomenclature (<i>Modification Title, Modification Number</i>): Correction of Discrepancies (OSIP 11-84) - 1			
Models of Systems Affected: F/A-18 A/B/C/D				Type Modification: SAFETY /RELIABILITY/ IMPROVEMENT					Related RDT&E PEs:				
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
<i>Subtotal NonRecurring</i>		61.422		6.859		0.000		0.000		0.000		0.000	
B Kits													
Recurring													
2.1.1) Installation Equipment - Organic	-	2.267	-	-	-	-	-	-	-	-	-	-	
<i>Subtotal Recurring</i>		2.267		0.000		0.000		0.000		0.000		0.000	
NonRecurring													
2.2.1) Installation Equipment N/R - Organic	-	0.120	-	-	-	-	-	-	-	-	-	-	
<i>Subtotal NonRecurring</i>		0.120		0.000		0.000		0.000		0.000		0.000	
<i>Total, Correction of Discrepancies (OSIP 11-84)</i>	34,567	279.721	1,267	12.033	610	7.381	1,278	18.238	-	-	1,278	18.238	
<i>Total, All Modifications</i>		279.721		12.033		7.381		18.238		0.000		18.238	
Support													
3.1) Engineering Change Orders	-	0.000	-	-	-	-	-	-	-	-	-	-	
3.2) Data	-	14.815	-	0.746	-	0.002	-	-	-	-	-	-	
3.3) Training Equipment	-	0.000	-	-	-	-	-	-	-	-	-	-	
3.4) Support Equipment	-	1.501	-	-	-	-	-	-	-	-	-	-	
3.5) ILS	-	311.718	-	44.556	-	9.154	-	29.784	-	-	-	29.784	
3.6) Other Support	-	0.000	-	-	-	-	-	-	-	-	-	-	
3.7) Interim Contractor Support	-	0.000	-	-	-	-	-	-	-	-	-	-	
3.8) Installation Cost	29,555	241.903	246	11.014	184	5.962	902	19.991	-	-	902	19.991	
<i>Total Support Cost</i>		569.937		56.316		15.118		49.775		0.000		49.775	
<i>Procurement Cost (Procurement + Support)</i>		849.658		68.349		22.499		68.013		0.000		68.013	
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000	
Total Cost (Procurement + Support + Installation)		849.658		68.349		22.499		68.013		0.000		68.013	
Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature <i>(Modification Title, Modification Number):</i> Correction of Discrepancies (OSIP 11-84) - 1

Models of Systems Affected: F/A-18 A/B/C/D	Type Modification: SAFETY /RELIABILITY/ IMPROVEMENT	Related RDT&E PEs:
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Correction of Discrepancies (OSIP 11-84)												
A Kits												
Recurring												
1.1.1) ECP 121R1/Auto AC Bus Isolation - Organic ⁽¹⁾	-	-	-	-	-	-	-	-	-	-	356	0.683
1.1.2) ECP 165R1/Battery Control Relay Unit - Organic	-	-	-	-	-	-	-	-	-	-	251	0.527
1.1.3) ECP 178/FY86 Block Upgrade - Organic	-	-	-	-	-	-	-	-	-	-	82	4.726
1.1.4) ECP 241R1/Center Fuselage Structural Mods - Organic	-	-	-	-	-	-	-	-	-	-	1,719	0.605
1.1.5) ECP 251/Dorsal Longeron - Organic	-	-	-	-	-	-	-	-	-	-	1,926	0.814
1.1.6) ECP 251R1/Dorsal Longeron - Organic	-	-	-	-	-	-	-	-	-	-	443	8.624
1.1.7) ECP 262/470.5 Bulkhead - Organic	-	-	-	-	-	-	-	-	-	-	494	0.000
1.1.8) ECP 267R1/Righthand AMAD Bay - Organic	-	-	-	-	-	-	-	-	-	-	287	0.000
1.1.9) ECP 276/Y508 Former - Organic	-	-	-	-	-	-	-	-	-	-	836	0.994
1.1.10) ECP 305/AFT Engine Mount - Organic	-	-	-	-	-	-	-	-	-	-	619	0.000
1.1.11) ECP 306/Y657.35 Engine Bay Door Former - Organic	-	-	-	-	-	-	-	-	-	-	688	0.858
1.1.12) ECP 311/Main Landing Gear (MLG) Planing Link - Organic	-	-	-	-	-	-	-	-	-	-	10	0.034
1.1.13) ECP 319/MLG Trunnion Upgrade - Organic	-	-	-	-	-	-	-	-	-	-	1,405	0.000
1.1.14) ECP 320/Y488 Bulkhead - Organic	-	-	-	-	-	-	-	-	-	-	473	1.163
1.1.15) ECP 353/Wing Fatigue Repair - Organic	-	-	-	-	-	-	-	-	-	-	98	0.653
1.1.16) ECP 355/MLG Shoulder Belt - Organic	-	-	-	-	-	-	-	-	-	-	350	0.181
1.1.17) ECP 364/ASPJ System Improvement - Organic	-	-	-	-	-	-	-	-	-	-	225	0.000
1.1.18) ECP 365/Y470 Bulkhead Improvement - Organic	-	-	-	-	-	-	-	-	-	-	982	1.015
1.1.19) ECP 367/#1 Fuel Cell Floor - Organic	-	-	-	-	-	-	-	-	-	-	557	0.286
1.1.20) ECP 375/MLG Retract Actuator - Organic	-	-	-	-	-	-	-	-	-	-	1,323	5.745
1.1.21) ECP 391/Fretting on Formers & Spindles - Organic	-	-	-	-	-	-	-	-	-	-	582	0.262
1.1.22) ECP 402/Fuselage Skin, Y518 to Y533 - Organic	-	-	-	-	-	-	-	-	-	-	638	0.005
1.1.23) ECP 402R1/Fuselage Skin, Y518 to Y534 - Organic	-	-	-	-	-	-	-	-	-	-	720	2.123
1.1.24) ECP 417/Inlet Duct Skin at Y453 - Organic	-	-	-	-	-	-	-	-	-	-	575	2.011

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Correction of Discrepancies (OSIP 11-84) - 1

Models of Systems Affected: F/A-18 A/B/C/D	Type Modification: SAFETY /RELIABILITY/ IMPROVEMENT	Related RDT&E PEs:
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
1.1.25) ECP 428/Y470.5 Bulkhead MLG Trunnion - Organic	-	-	-	-	-	-	-	-	-	-	2	0.100
1.1.26) ECP 440/Speed Brake Trough - Organic	-	-	-	-	-	-	-	-	-	-	591	1.022
1.1.27) ECP 488/SUU-63 Wing Pylon Door Panel - Organic	-	-	-	-	-	-	-	-	-	-	1,351	0.829
1.1.28) ECP 492/Y470.5 Bulkhead Fatigue Change - Organic	-	-	-	-	-	-	-	-	-	-	688	1.369
1.1.29) ECP 498/Fuselage Skin at Y453 - Organic	-	-	-	-	-	-	-	-	-	-	696	0.723
1.1.30) ECP 501/Nacelle Skin Fatigue Improvements - Organic	-	-	-	-	-	-	-	-	-	-	663	3.728
1.1.31) ECP 506/LAU-115 Sparrow Mod - Organic	-	-	-	-	-	-	-	-	-	-	935	0.000
1.1.32) ECP 536/ST-16 Failures - Organic	-	-	-	-	-	-	-	-	-	-	212	33.835
1.1.33) ECP 544/Improvement of Inner Wing SPAR - Organic	-	-	-	-	-	-	-	-	-	-	29	0.282
1.1.34) ECP 548/Fuel Barrier Web - Organic	-	-	-	-	-	-	-	-	-	-	750	1.353
1.1.35) ECP 550/Wing Drag Longeron - Organic	-	-	-	-	-	-	-	-	-	-	119	0.220
1.1.36) ECP 561/Y326.5 Plate Nut - Organic	-	-	-	-	-	-	-	-	-	-	532	0.189
1.1.37) ECP 562/Lower Center Keel Fire Hazard - Organic	-	-	-	-	-	-	-	-	-	-	798	0.359
1.1.38) ECP 574/Trailing Edge Flaps - Organic	-	-	-	-	-	-	-	-	-	-	1,026	26.787
1.1.39) ECP 574/Aileron - Organic	-	-	-	-	-	-	-	-	-	-	707	18.157
1.1.40) ECP 598 Servocylinder Test Station - Organic	-	-	-	-	-	-	-	-	-	-	9	1.362
1.1.41) NI 879/Hydraulic Temp Guages - Organic	-	-	-	-	-	-	-	-	-	-	150	0.150
1.1.42) NI 742/Environment Control System Wiring - Organic	-	-	-	-	-	-	-	-	-	-	150	0.150
1.1.43) NI 796/Wing Fuel Dams - Organic	-	-	-	-	-	-	-	-	-	-	515	0.787
1.1.44) NI 824/MLG Trunnion Assembly - Organic	-	-	-	-	-	-	-	-	-	-	425	13.353
1.1.45) NI 827/Heat Exchanger - Organic	-	-	-	-	-	-	-	-	-	-	37	0.409
1.1.46) NI 830/Night Vision Display System (NVDS) - Organic	-	-	-	-	-	-	-	-	-	-	14	0.302
1.1.47) NI 839/Trailing Edge Flap - Organic	-	-	-	-	-	-	-	-	-	-	1,150	9.383
1.1.48) ECP XXX - Anti G Valve - Organic	-	-	-	-	-	-	-	-	-	-	800	0.964
1.1.49) ECP 973 Fuel Cell Floor Crack - Organic	-	-	-	-	-	-	-	-	-	-	200	2.871
1.1.50) ECP 952 - MLG Axle - Organic	-	-	-	-	-	-	-	-	-	-	688	17.110
1.1.51) ECP 974 NI MLG Y488 Bulkhead - Organic	-	-	-	-	-	-	-	-	-	-	120	1.095

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Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature <i>(Modification Title, Modification Number):</i> Correction of Discrepancies (OSIP 11-84) - 1

Models of Systems Affected: F/A-18 A/B/C/D	Type Modification: SAFETY /RELIABILITY/ IMPROVEMENT	Related RDT&E PEs:
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
1.1.52) ECP 590 OBOGS SSOM, Safety ECP - Organic	-	-	-	-	-	-	-	-	-	-	256	1.312
1.1.53) ECP NI-1013-05 Heat Derrent - Organic	-	-	-	-	-	-	-	-	-	-	630	8.848
1.1.54) ECP 1057 NI MLG Planning Mechanism Improvements - Organic	-	-	-	-	-	-	-	-	-	-	623	8.806
1.1.55) ECP 6217 Cockpit Pressurization Warning System (CPWS) - Organic	-	-	-	-	-	-	-	-	-	-	641	9.689
1.1.56) ECP 609 Inner Wing Conversion/ Modification - Fuel Improvements - Organic	42	0.835	-	-	-	-	-	-	-	-	85	1.006
1.1.57) ECP 609 Inner Wing Conversion/ Modification - Organic	-	-	-	-	-	-	-	-	-	-	3	1.668
1.1.58) ECP JAX F-18-001 NFDS MODS, C&D Conversion - Organic	-	-	-	-	-	-	-	-	-	-	12	5.258
1.1.59) ECP 0147 Repeatable Release Holdback Bar - Organic	-	-	-	-	-	-	-	-	-	-	285	1.518
1.1.60) ECP 9384 Redesign of Backrest Operation Plunger, Safety ECP - Organic	-	-	-	-	-	-	-	-	-	-	443	0.028
1.1.61) ECP 1022 NI Inner Wing Fatigue Improvement - Organic	150	1.520	150	1.551	30	0.316	-	-	-	-	530	5.336
1.1.62) ECP 1034 NI Trailing Edge Flap/Aileron Attach Log Bushing - Organic	120	0.358	120	0.365	120	0.372	28	0.089	-	-	788	1.420
1.1.63) ECP 1054 NI LEF Stop Module & Torque Limiter Improvement (2 per a/c) - Organic	-	-	-	-	-	-	-	-	-	-	1,260	14.628
1.1.64) ECP XXX23 AFT Fuselage Structure Failure - Organic	-	-	-	-	-	-	-	-	-	-	80	0.849
1.1.65) ECP 1036 NI Onboard Oxygen System (OBOGS), Safety ECP - Organic	-	-	-	-	-	-	-	-	-	-	331	0.123
1.1.66) ECP 1071 NI F/A-18 A-D MLG Planing Mechanism Assembly Perf Upgrade - Organic	580	26.030	-	-	40	1.868	-	-	-	-	1,269	30.873
1.1.67) ECP 6321R1 F/A-18 A-D MLG Doors Hing Pins Hdw Conv - Organic	-	-	-	-	-	-	-	-	-	-	640	0.157
1.1.68) ECP MB9431 NACES Bracket Interim Support Kits - Organic	-	-	-	-	-	-	-	-	-	-	46	0.074
1.1.69) ECP XXX26 F/A-18 A-D Structural Stress Corrosion Cracking Issues - Organic	100	5.202	-	-	200	10.824	75	4.140	-	-	425	22.717

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Correction of Discrepancies (OSIP 11-84) - 1

Models of Systems Affected: F/A-18 A/B/C/D	Type Modification: SAFETY /RELIABILITY/ IMPROVEMENT	Related RDT&E PEs:
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
1.1.70) ECP XXX27 F/A-18 A-D Subsystems Retrofit Upgrades Issues - Organic	100	4.162	-	-	200	8.659	-	-	75	3.378	475	20.279
1.1.71) ECP XXX28 F/A-18 A-D ECS Subsystems Upgrade Issues - Organic	100	2.550	-	-	275	7.296	-	-	-	-	475	12.346
1.1.72) ECP XXX29 F/A-18 A-D Fuel Related Upgrade Issues - Organic	175	1.785	-	-	-	-	-	-	150	1.656	475	4.941
1.1.73) ECP-XXX30 F/A-18 A-D Flight Control Surfaces Issues - Organic	100	1.040	-	-	200	2.165	75	0.828	-	-	475	5.053
1.1.74) ECP-1094 NI F/A-18 A-D AFT Fuselage Insulation Blankets Upgrade - Organic	-	-	-	-	-	-	-	-	-	-	-	0.123
1.1.75) ECP-1095 NI F/A-18 A-D MLG side Brace Downlock Actuator Upgrade - Organic	-	-	-	-	-	-	-	-	-	-	683	1.171
1.1.76) ECP-6343 F/A-18 A-D External Fuel Tank Air Pressure Regulator - Organic	180	0.328	-	-	-	-	-	-	-	-	635	1.158
1.1.77) ECP 1058 F/A-18 A-D Lox Switch Retrofit - Organic	-	-	-	-	-	-	-	-	-	-	12	0.040
1.1.78) ECP 1101 F/A-18 A-D Inner Wing Aft Closure Rib Retrofit - Organic	18	0.438	18	0.447	18	0.456	17	0.439	-	-	93	2.355
1.1.79) ECP 1119 F/A-18 A-D Retrofit of Lower Center Keel ECS Bleed Air Ducts & Insulation - Organic	-	-	-	-	-	-	-	-	-	-	300	2.133
1.1.80) ECP 1121 F/A-18 A-D MLG Critical Components Retrofit - Organic	-	-	-	-	-	-	-	-	-	-	124	1.546
1.1.81) ECP 1122 F/A-18 A-D NLG Critical Components Retrofit - Organic	-	-	-	-	-	-	-	-	-	-	4	0.040
1.1.82) ECP 1125 F/A-18 A-D Y470 Inner Wing Panel Lug - Organic	-	-	-	-	-	-	-	-	-	-	84	2.109
<i>Subtotal Recurring</i>		44.248		2.363		31.956		5.496		5.034		335.802
<i>NonRecurring</i>												
1.2.1) Installation Kits N/R - Organic	-	-	-	-	-	-	-	-	-	-	-	68.281
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		68.281
B Kits												

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Correction of Discrepancies (OSIP 11-84) - 1

Models of Systems Affected: F/A-18 A/B/C/D	Type Modification: SAFETY /RELIABILITY/ IMPROVEMENT	Related RDT&E PEs:
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Recurring												
2.1.1) Installation Equipment - Organic	-	-	-	-	-	-	-	-	-	-	-	2.267
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		2.267
NonRecurring												
2.2.1) Installation Equipment N/R - Organic	-	-	-	-	-	-	-	-	-	-	-	0.120
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		0.120
<i>Total, Correction of Discrepancies (OSIP 11-84)</i>	1,665	44.248	288	2.363	1,083	31.956	195	5.496	225	5.034	41,178	406.470
<i>Total, All Modifications</i>		44.248		2.363		31.956		5.496		5.034		406.470
Support												
3.1) Engineering Change Orders	-	-	-	-	-	-	-	-	-	-	-	-
3.2) Data	-	-	-	-	-	-	-	-	-	-	-	15.563
3.3) Training Equipment	-	-	-	-	-	-	-	-	-	-	-	-
3.4) Support Equipment	-	-	-	-	-	-	-	-	-	-	-	1.501
3.5) ILS	-	31.674	-	31.356	-	46.692	-	37.567	-	42.922	-	585.423
3.6) Other Support	-	-	-	-	-	-	-	-	-	-	-	-
3.7) Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	-
3.8) Installation Cost	1,001	30.783	720	12.999	937	38.767	451	11.585	445	8.683	34,441	381.687
<i>Total Support Cost</i>		62.457		44.355		85.459		49.152		51.605		984.174
<i>Procurement Cost (Procurement + Support)</i>		106.705		46.718		117.415		54.648		56.639		1,390.644
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		106.705		46.718		117.415		54.648		56.639		1,390.644

Remarks:

(1)All ECPs: Unit cost variances are due to (a) many ECP Kits provided to the Navy at no additional cost (warranty kits), (b) some ECPs have numerous Technical Directives with different unit costs, and (c) some ECPs require no kits, installs only.

Manufacturer Information: Correction of Discrepancies (OSIP 11-84)	
Manufacturer Name: Manufacturer Name Not Provided.	Manufacturer Location: Manufacturer Location Not Provided.
Administrative Leadtime (<i>in Months</i>):	Production Leadtime (<i>in Months</i>):

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Correction of Discrepancies (OSIP 11-84) - 1

Models of Systems Affected: F/A-18 A/B/C/D	Type Modification: SAFETY /RELIABILITY/ IMPROVEMENT	Related RDT&E PEs:
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Manufacturer Information: Correction of Discrepancies (OSIP 11-84)							
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates							
Delivery Dates							

Installation: Correction of Discrepancies (OSIP 11-84)	Method of Implementation: Not Installed - ECP 121R1/Auto AC Bus Isolation	Installation Quantity: 356
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Installation: Correction of Discrepancies (OSIP 11-84)	Method of Implementation: Not Installed - ECP 165R1/Battery Control Relay Unit	Installation Quantity: 251
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Installation: Correction of Discrepancies (OSIP 11-84)	Method of Implementation: Not Installed - ECP 178/FY86 Block Upgrade	Installation Quantity: 82
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Installation: Correction of Discrepancies (OSIP 11-84)	Method of Implementation: Not Installed - ECP 241R1/Center Fuselage Structural Mods	Installation Quantity: 1719
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Installation: Correction of Discrepancies (OSIP 11-84)	Method of Implementation: Not Installed - ECP 251/Dorsal Longeron	Installation Quantity: 1926
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Installation: Correction of Discrepancies (OSIP 11-84)	Method of Implementation: Not Installed - ECP 251R1/Dorsal Longeron	Installation Quantity: 443
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Installation: Correction of Discrepancies (OSIP 11-84)	Method of Implementation: Not Installed - ECP 262/470.5 Bulkhead	Installation Quantity: 494
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Installation: Correction of Discrepancies (OSIP 11-84)	Method of Implementation: Not Installed - ECP 267R1/Righthand AMAD Bay	Installation Quantity: 287
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Installation: Correction of Discrepancies (OSIP 11-84)	Method of Implementation: Not Installed - ECP 276/Y508 Former	Installation Quantity: 836
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Installation: Correction of Discrepancies (OSIP 11-84)	Method of Implementation: Not Installed - ECP 305/AFT Engine Mount	Installation Quantity: 619
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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Correction of Discrepancies (OSIP 11-84) - 1
Models of Systems Affected: F/A-18 A/B/C/D	Type Modification: SAFETY /RELIABILITY/ IMPROVEMENT	Related RDT&E PEs:
Installation: Correction of Discrepancies (OSIP 11-84)	Method of Implementation: Not Installed - ECP 306/Y657.35 Engine Bay Door Former	Installation Quantity: 688
Installation: Correction of Discrepancies (OSIP 11-84)	Method of Implementation: Not Installed - ECP 311/Main Landing Gear (MLG) Planing Link	Installation Quantity: 10
Installation: Correction of Discrepancies (OSIP 11-84)	Method of Implementation: Not Installed - ECP 319/MLG Trunnion Upgrade	Installation Quantity: 1405
Installation: Correction of Discrepancies (OSIP 11-84)	Method of Implementation: Not Installed - ECP 320/Y488 Bulkhead	Installation Quantity: 473
Installation: Correction of Discrepancies (OSIP 11-84)	Method of Implementation: Not Installed - ECP 353/Wing Fatigue Repair	Installation Quantity: 98
Installation: Correction of Discrepancies (OSIP 11-84)	Method of Implementation: Not Installed - ECP 355/MLG Shoulder Belt	Installation Quantity: 350
Installation: Correction of Discrepancies (OSIP 11-84)	Method of Implementation: Not Installed - ECP 364/ASPJ System Improvement	Installation Quantity: 225
Installation: Correction of Discrepancies (OSIP 11-84)	Method of Implementation: Not Installed - ECP 365/Y470 Bulkhead Improvement	Installation Quantity: 982
Installation: Correction of Discrepancies (OSIP 11-84)	Method of Implementation: Not Installed - ECP 367/#1 Fuel Cell Floor	Installation Quantity: 557
Installation: Correction of Discrepancies (OSIP 11-84)	Method of Implementation: Not Installed - ECP 375/MLG Retract Actuator	Installation Quantity: 1323
Installation: Correction of Discrepancies (OSIP 11-84)	Method of Implementation: Not Installed - ECP 391/Fretting on Formers & Spindles	Installation Quantity: 582
Installation: Correction of Discrepancies (OSIP 11-84)	Method of Implementation: Not Installed - ECP 402/Fuselage Skin, Y518 to Y533	Installation Quantity: 638

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Correction of Discrepancies (OSIP 11-84) - 1
Models of Systems Affected: F/A-18 A/B/C/D	Type Modification: SAFETY /RELIABILITY/ IMPROVEMENT	Related RDT&E PEs:
Installation: Correction of Discrepancies (OSIP 11-84)	Method of Implementation: Not Installed - ECP 402R1/Fuselage Skin, Y518 to Y534	Installation Quantity: 720
Installation: Correction of Discrepancies (OSIP 11-84)	Method of Implementation: Not Installed - ECP 417/Inlet Duct Skin at Y453	Installation Quantity: 575
Installation: Correction of Discrepancies (OSIP 11-84)	Method of Implementation: Not Installed - ECP 428/Y470.5 Bulkhead MLG Trunnion	Installation Quantity: 2
Installation: Correction of Discrepancies (OSIP 11-84)	Method of Implementation: Not Installed - ECP 440/Speed Brake Trough	Installation Quantity: 591
Installation: Correction of Discrepancies (OSIP 11-84)	Method of Implementation: Not Installed - ECP 488/SUU-63 Wing Pylon Door Panel	Installation Quantity: 1351
Installation: Correction of Discrepancies (OSIP 11-84)	Method of Implementation: Not Installed - ECP 492/Y470.5 Bulkhead Fatigue Change	Installation Quantity: 688
Installation: Correction of Discrepancies (OSIP 11-84)	Method of Implementation: Not Installed - ECP 498/Fuselage Skin at Y453	Installation Quantity: 696
Installation: Correction of Discrepancies (OSIP 11-84)	Method of Implementation: Not Installed - ECP 501/Nacelle Skin Fatigue Improvements	Installation Quantity: 663
Installation: Correction of Discrepancies (OSIP 11-84)	Method of Implementation: Not Installed - ECP 506/LAU-115 Sparrow Mod	Installation Quantity: 935
Installation: Correction of Discrepancies (OSIP 11-84)	Method of Implementation: Not Installed - ECP 536/ST-16 Failures	Installation Quantity: 212
Installation: Correction of Discrepancies (OSIP 11-84)	Method of Implementation: Not Installed - ECP 544/Improvement of Inner Wing SPAR	Installation Quantity: 29
Installation: Correction of Discrepancies (OSIP 11-84)	Method of Implementation: Not Installed - ECP 548/Fuel Barrier Web	Installation Quantity: 750

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Correction of Discrepancies (OSIP 11-84) - 1
Models of Systems Affected: F/A-18 A/B/C/D	Type Modification: SAFETY /RELIABILITY/ IMPROVEMENT	Related RDT&E PEs:
Installation: Correction of Discrepancies (OSIP 11-84)	Method of Implementation: Not Installed - ECP 550/Wing Drag Longeron	Installation Quantity: 119
Installation: Correction of Discrepancies (OSIP 11-84)	Method of Implementation: Not Installed - ECP 561/Y326.5 Plate Nut	Installation Quantity: 532
Installation: Correction of Discrepancies (OSIP 11-84)	Method of Implementation: Not Installed - ECP 562/Lower Center Keel Fire Hazard	Installation Quantity: 798
Installation: Correction of Discrepancies (OSIP 11-84)	Method of Implementation: Not Installed - ECP 574/Trailing Edge Flaps	Installation Quantity: 1026
Installation: Correction of Discrepancies (OSIP 11-84)	Method of Implementation: Not Installed - ECP 574/Aileron	Installation Quantity: 707
Installation: Correction of Discrepancies (OSIP 11-84)	Method of Implementation: Not Installed - ECP 598 Servocylinder Test Station	Installation Quantity: 9
Installation: Correction of Discrepancies (OSIP 11-84)	Method of Implementation: Not Installed - NI 879/Hydraulic Temp Guages	Installation Quantity: 150
Installation: Correction of Discrepancies (OSIP 11-84)	Method of Implementation: Not Installed - NI 742/Environment Control System Wiring	Installation Quantity: 150
Installation: Correction of Discrepancies (OSIP 11-84)	Method of Implementation: Not Installed - NI 796/Wing Fuel Dams	Installation Quantity: 515
Installation: Correction of Discrepancies (OSIP 11-84)	Method of Implementation: Not Installed - NI 824/MLG Trunnion Assembly	Installation Quantity: 425
Installation: Correction of Discrepancies (OSIP 11-84)	Method of Implementation: Not Installed - NI 827/Heat Exchanger	Installation Quantity: 37
Installation: Correction of Discrepancies (OSIP 11-84)	Method of Implementation: Not Installed - NI 830/Night Vision Display System (NVDS)	Installation Quantity: 14
Installation: Correction of Discrepancies (OSIP 11-84)	Method of Implementation: Not Installed - NI 839/Trailing Edge Flap	Installation Quantity: 1150

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Correction of Discrepancies (OSIP 11-84) - 1
Models of Systems Affected: F/A-18 A/B/C/D	Type Modification: SAFETY /RELIABILITY/ IMPROVEMENT	Related RDT&E PEs:
Installation: Correction of Discrepancies (OSIP 11-84)	Method of Implementation: Not Installed - ECP XXX - Anti G Valve	Installation Quantity: 800
Installation: Correction of Discrepancies (OSIP 11-84)	Method of Implementation: Not Installed - ECP 973 Fuel Cell Floor Crack	Installation Quantity: 200
Installation: Correction of Discrepancies (OSIP 11-84)	Method of Implementation: Not Installed - ECP 952 - MLG Axle	Installation Quantity: 688
Installation: Correction of Discrepancies (OSIP 11-84)	Method of Implementation: Not Installed - ECP 974 NI MLG Y488 Bulkhead	Installation Quantity: 120
Installation: Correction of Discrepancies (OSIP 11-84)	Method of Implementation: Not Installed - ECP 590 OBOGS SSOM, Safety ECP	Installation Quantity: 256
Installation: Correction of Discrepancies (OSIP 11-84)	Method of Implementation: Not Installed - ECP NI-1013-05 Heat Derrent	Installation Quantity: 630
Installation: Correction of Discrepancies (OSIP 11-84)	Method of Implementation: Not Installed - ECP 1057 NI MLG Planning Mechanism Improvements	Installation Quantity: 623
Installation: Correction of Discrepancies (OSIP 11-84)	Method of Implementation: Not Installed - ECP 6217 Cockpit Pressurization Warning System (CPWS)	Installation Quantity: 641
Installation: Correction of Discrepancies (OSIP 11-84)	Method of Implementation: Not Installed - ECP 609 Inner Wing Conversion/ Modification - Fuel Improvements	Installation Quantity: 85
Installation: Correction of Discrepancies (OSIP 11-84)	Method of Implementation: Not Installed - ECP 609 Inner Wing Conversion/ Modification	Installation Quantity: 3
Installation: Correction of Discrepancies (OSIP 11-84)	Method of Implementation: Not Installed - ECP JAX F-18-001 NFDS MODS, C&D Conversion	Installation Quantity: 12
Installation: Correction of Discrepancies (OSIP 11-84)	Method of Implementation: Not Installed - ECP 0147 Repeatable Release Holdback Bar	Installation Quantity: 285

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Correction of Discrepancies (OSIP 11-84) - 1
Models of Systems Affected: F/A-18 A/B/C/D	Type Modification: SAFETY /RELIABILITY/ IMPROVEMENT	Related RDT&E PEs:
Installation: Correction of Discrepancies (OSIP 11-84)	Method of Implementation: Not Installed - ECP 9384 Redesign of Backrest Operation Plunger, Safety ECP	Installation Quantity: 443
Installation: Correction of Discrepancies (OSIP 11-84)	Method of Implementation: Not Installed - ECP 1022 NI Inner Wing Fatigue Improvement	Installation Quantity: 530
Installation: Correction of Discrepancies (OSIP 11-84)	Method of Implementation: Not Installed - ECP 1034 NI Trailing Edge Flap/Aileron Attach Log Bushing	Installation Quantity: 788
Installation: Correction of Discrepancies (OSIP 11-84)	Method of Implementation: Not Installed - ECP 1054 NI LEF Stop Module & Torque Limiter Improvement (2 per a/c)	Installation Quantity: 1260
Installation: Correction of Discrepancies (OSIP 11-84)	Method of Implementation: Not Installed - ECP XXX23 AFT Fuselage Structure Failure	Installation Quantity: 80
Installation: Correction of Discrepancies (OSIP 11-84)	Method of Implementation: Not Installed - ECP 1036 NI Onboard Oxygen System (OBOGS), Safety ECP	Installation Quantity: 331
Installation: Correction of Discrepancies (OSIP 11-84)	Method of Implementation: Not Installed - ECP 1071 NI F/A-18 A-D MLG Planing Mechanism Assembly Perf Upgrade	Installation Quantity: 1269
Installation: Correction of Discrepancies (OSIP 11-84)	Method of Implementation: Not Installed - ECP 6321R1 F/A-18 A-D MLG Doors Hing Pins Hdw Conv	Installation Quantity: 640
Installation: Correction of Discrepancies (OSIP 11-84)	Method of Implementation: Not Installed - ECP MB9431 NACES Bracket Interim Support Kits	Installation Quantity: 46
Installation: Correction of Discrepancies (OSIP 11-84)	Method of Implementation: Not Installed - ECP XXX26 F/A-18 A-D Structural Stress Corrosion Cracking Issues	Installation Quantity: 425
Installation: Correction of Discrepancies (OSIP 11-84)	Method of Implementation: Not Installed - ECP XXX27 F/A-18 A-D Subsystems Retrofit Upgrades Issues	Installation Quantity: 475
Installation: Correction of Discrepancies (OSIP 11-84)	Method of Implementation: Not Installed - ECP XXX28 F/A-18 A-D ECS Subsystems Upgrade Issues	Installation Quantity: 475

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Correction of Discrepancies (OSIP 11-84) - 1
Models of Systems Affected: F/A-18 A/B/C/D	Type Modification: SAFETY /RELIABILITY/ IMPROVEMENT	Related RDT&E PEs:
Installation: Correction of Discrepancies (OSIP 11-84)	Method of Implementation: Not Installed - ECP XXX29 F/A-18 A-D Fuel Related Upgrade Issues	Installation Quantity: 475
Installation: Correction of Discrepancies (OSIP 11-84)	Method of Implementation: Not Installed - ECP-XXX30 F/A-18 A-D Flight Control Surfaces Issues	Installation Quantity: 475
Installation: Correction of Discrepancies (OSIP 11-84)	Method of Implementation: Not Installed - ECP-1095 NI F/A-18 A-D MLG side Brace Downlock Actuator Upgrade	Installation Quantity: 683
Installation: Correction of Discrepancies (OSIP 11-84)	Method of Implementation: Not Installed - ECP-6343 F/A-18 A-D External Fuel Tank Air Pressure Regulator	Installation Quantity: 635
Installation: Correction of Discrepancies (OSIP 11-84)	Method of Implementation: Not Installed - ECP 1058 F/A-18 A-D Lox Switch Retrofit	Installation Quantity: 12
Installation: Correction of Discrepancies (OSIP 11-84)	Method of Implementation: Not Installed - ECP 1101 F/A-18 A-D Inner Wing Aft Closure Rib Retrofit	Installation Quantity: 93
Installation: Correction of Discrepancies (OSIP 11-84)	Method of Implementation: Not Installed - ECP 1119 F/A-18 A-D Retrofit of Lower Center Keel ECS Bleed Air Ducts & In	Installation Quantity: 300
Installation: Correction of Discrepancies (OSIP 11-84)	Method of Implementation: Not Installed - ECP 1121 F/A-18 A-D MLG Critical Components Retrofit	Installation Quantity: 124
Installation: Correction of Discrepancies (OSIP 11-84)	Method of Implementation: Not Installed - ECP 1122 F/A-18 A-D NLG Critical Components Retrofit	Installation Quantity: 4
Installation: Correction of Discrepancies (OSIP 11-84)	Method of Implementation: Not Installed - ECP 1125 F/A-18 A-D Y470 Inner Wing Panel Lug	Installation Quantity: 84
Installation: Correction of Discrepancies (OSIP 11-84)	Method of Implementation: Not Installed - Installation Cost	Installation Quantity: 34441

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature <i>(Modification Title, Modification Number):</i> Digital Communications System (DCS) (OSIP 10-99) - 2

Models of Systems Affected: F/A-18 and EA-18G	Type Modification: CAPABILITY IMPROVEMENT	Related RDT&E PEs:
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	26.826	3.885	10.880	13.505	0.000	13.505	37.996	52.140	2.489	19.320	0.000	167.041
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	26.826	3.885	10.880	13.505	0.000	13.505	37.996	52.140	2.489	19.320	0.000	167.041
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	26.826	3.885	10.880	13.505	0.000	13.505	37.996	52.140	2.489	19.320	0.000	167.041

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

DESCRIPTION/JUSTIFICATION:

The Digital Communications System (DCS) consists of an upgraded AN/ARC-210 Receiver Transmitter (RT) (with embedded digital message transfer capability and embedded Communications Security (COMSEC)) installed in the F/A-18 and integrated with the F/A-18 weapons system (mission computer, controls and displays, and communication subsystem). The DCS utilizes preformatted messages to communicate with standard United States Marine Corps (USMC), United States Navy (USN), and United States Air Force (USAF) digital communications devices to facilitate Close Air Support (CAS), Deep Air Strike (DAS), and Tactical Air Control (TAC) missions. DCS reduces voice communications requirements which tend to be slow, inaccurate, and susceptible to Meaconing, Interference, Jamming, and Intrusion (MIJI). DCS will enhance mission effectiveness by decreasing pilot workload which allows the pilot more time to counter increased threat capabilities (ORD# 486-88-98). This Operational Safety Improvement Program (OSIP) will also be used to address parts obsolescence issues and to perform non-recurring work associated with Network Centric operations and Interoperability requirements.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES:

The AN/ARC-210 RT is being upgraded to a DCS RT. The Initial Engineering Developmental Model (EDM) was delivered (using RDT&E,N resources) in FY1998 as scheduled. The F/A-18C/D requirements will be satisfied by retrofitting DCS into Lot X through Lot XXI. Functionality was provided in the Operational Flight Program (OFP) 15C fleet release in FY2000. Initial procurement of installation kits was awarded May 1999. F/A-18C/D Lots X and XI require an ACI and DCS radio. Additional ACI requirements for increased install provisions are currently funded under OSIP 12-99.

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Exhibit P-3A, Individual Modification: PB 2013 Navy										Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1					P-1 Line Item Nomenclature: 0525 - F-18 Series					Modification Nomenclature (<i>Modification Title, Modification Number</i>): Digital Communications System (DCS) (OSIP 10-99) - 2			
Models of Systems Affected: F/A-18 and EA-18G			Type Modification: CAPABILITY IMPROVEMENT					Related RDT&E PEs:					
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
Digital Communications System (DCS) (OSIP 10-99)													
A Kits													
Recurring													
1.1.1) Lot XII through XXI Kit - Organic													
	360	1.086	-	-	-	-	-	-	-	-	-	-	
1.1.2) Lot X through XI Kit - Organic													
	123	0.709	-	-	-	-	-	-	-	-	-	-	
<i>Subtotal Recurring</i>													
		1.795		0.000		0.000		0.000		0.000		0.000	
NonRecurring													
1.2.1) Installation Kits N/R - Organic													
	-	0.603	-	-	-	-	-	-	-	-	-	-	
<i>Subtotal NonRecurring</i>													
		0.603		0.000		0.000		0.000		0.000		0.000	
B Kits													
Recurring													
2.1.1) SCS Integration USMC DCS - Organic													
	-	-	-	-	-	-	-	1.200	-	-	-	1.200	
2.1.2) DCS (WRA) - Organic ⁽²⁾													
	-	-	-	-	99	10.100	84	8.600	-	-	84	8.600	
2.1.3) DCS B kits - Organic													
	8	0.680	-	-	-	-	-	-	-	-	-	-	
2.1.4) Lot XII through XXI Kit ("B" Kit) - Organic													
	40	1.904	-	-	-	-	-	-	-	-	-	-	
2.1.5) Lot X through XI Kit (ACI) - Organic													
	128	8.685	-	-	-	-	-	-	-	-	-	-	
2.1.6) DCS SCS B-kits - Organic													
	-	-	-	-	-	-	-	1.769	-	-	-	1.769	
2.1.7) Prior Year Installation Costs - Organic													
	528	6.644	-	-	-	-	-	-	-	-	-	-	
<i>Subtotal Recurring</i>													
		17.913		0.000		10.100		11.569		0.000		11.569	
NonRecurring													
2.2.1) Install Equipment N/R - Organic													
	-	-	-	2.000	-	-	-	-	-	-	-	-	
<i>Subtotal NonRecurring</i>													
		0.000		2.000		0.000		0.000		0.000		0.000	
<i>Total, Digital Communications System (DCS) (OSIP 10-99)</i>													
	1,187	20.311	-	2.000	99	10.100	84	11.569	-	-	84	11.569	
<i>Total, All Modifications</i>													
		20.311		2.000		10.100		11.569		0.000		11.569	
Support													
3.1) Engineering Change Orders													
	-	0.483	-	-	-	-	-	-	-	-	-	-	
3.2) Data													
	-	0.028	-	-	-	-	-	-	-	-	-	-	

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Digital Communications System (DCS) (OSIP 10-99) - 2

Models of Systems Affected: F/A-18 and EA-18G	Type Modification: CAPABILITY IMPROVEMENT	Related RDT&E PEs:
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
3.3) Training Equipment	-	0.615	-	-	-	-	-	-	-	-	-	-
3.4) Support Equipment	-	1.013	-	-	-	-	-	-	-	-	-	-
3.5) ILS	-	2.553	-	-	-	-	-	-	-	-	-	-
3.6) Other Support	-	1.823	-	1.885	-	0.780	-	1.936	-	-	-	1.936
3.7) Interim Contractor Support	-	0.000	-	-	-	-	-	-	-	-	-	-
Total Support Cost		6.515		1.885		0.780		1.936		0.000		1.936
Procurement Cost (Procurement + Support)		26.826		3.885		10.880		13.505		0.000		13.505
Total Installation Cost		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		26.826		3.885		10.880		13.505		0.000		13.505

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
Digital Communications System (DCS) (OSIP 10-99)												
A Kits												
Recurring												
1.1.1) Lot XII through XXI Kit - Organic	-	-	-	-	-	-	-	-	-	-	360	1.086
1.1.2) Lot X through XI Kit - Organic	-	-	-	-	-	-	-	-	-	-	123	0.709
Subtotal Recurring		0.000		0.000		0.000		0.000		0.000		1.795
NonRecurring												
1.2.1) Installation Kits N/R - Organic	-	-	-	-	-	-	-	-	-	-	-	0.603
Subtotal NonRecurring		0.000		0.000		0.000		0.000		0.000		0.603
B Kits												
Recurring												
2.1.1) SCS Integration USMC DCS - Organic	-	8.300	-	7.588	-	2.423	-	-	-	-	-	19.511
2.1.2) DCS (WRA) - Organic ⁽²⁾	149	15.200	419	42.770	-	-	160	16.320	-	-	911	92.990
2.1.3) DCS B kits - Organic	-	-	-	-	-	-	-	-	-	-	8	0.680

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Digital Communications System (DCS) (OSIP 10-99) - 2

Models of Systems Affected: F/A-18 and EA-18G	Type Modification: CAPABILITY IMPROVEMENT	Related RDT&E PEs:
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
2.1.4) Lot XII through XXI Kit ("B" Kit) - Organic	-	-	-	-	-	-	-	-	-	-	40	1.904
2.1.5) Lot X through XI Kit (ACI) - Organic	-	-	-	-	-	-	-	-	-	-	128	8.685
2.1.6) DCS SCS B-kits - Organic	-	4.710	-	1.570	-	-	-	-	-	-	-	8.049
2.1.7) Prior Year Installation Costs - Organic	-	-	-	-	-	-	-	-	-	-	528	6.644
<i>Subtotal Recurring</i>		28.210		51.928		2.423		16.320		0.000		138.463
NonRecurring												
2.2.1) Install Equipment N/R - Organic	-	-	-	-	-	-	-	3.000	-	-	-	5.000
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		3.000		0.000		5.000
<i>Total, Digital Communications System (DCS) (OSIP 10-99)</i>	149	28.210	419	51.928	-	2.423	160	19.320	-	-	2,098	145.861
<i>Total, All Modifications</i>		28.210		51.928		2.423		19.320		0.000		145.861
Support												
3.1) Engineering Change Orders	-	-	-	-	-	-	-	-	-	-	-	0.483
3.2) Data	-	-	-	-	-	-	-	-	-	-	-	0.028
3.3) Training Equipment	-	-	-	-	-	-	-	-	-	-	-	0.615
3.4) Support Equipment	-	-	-	-	-	-	-	-	-	-	-	1.013
3.5) ILS	-	-	-	-	-	-	-	-	-	-	-	2.553
3.6) Other Support	-	9.786	-	0.212	-	0.066	-	-	-	-	-	16.488
3.7) Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		9.786		0.212		0.066		0.000		0.000		21.180
<i>Procurement Cost (Procurement + Support)</i>		37.996		52.140		2.489		19.320		0.000		167.041
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		37.996		52.140		2.489		19.320		0.000		167.041

Remarks:
(2)DCS (WRAs) are O-level install items and have no related install cost/schedule.

Manufacturer Information: Digital Communications System (DCS) (OSIP 10-99)	
Manufacturer Name: Manufacturer Name Not Provided.	Manufacturer Location: Manufacturer Location Not Provided.
Administrative Leadtime (<i>in Months</i>):	Production Leadtime (<i>in Months</i>):

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Exhibit P-3A, Individual Modification: PB 2013 Navy						Date: February 2012	
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1			P-1 Line Item Nomenclature: 0525 - F-18 Series			Modification Nomenclature (<i>Modification Title, Modification Number</i>): Digital Communications System (DCS) (OSIP 10-99) - 2	
Models of Systems Affected: F/A-18 and EA-18G		Type Modification: CAPABILITY IMPROVEMENT			Related RDT&E PEs:		
Manufacturer Information: Digital Communications System (DCS) (OSIP 10-99)							
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates							
Delivery Dates							
Installation: Digital Communications System (DCS) (OSIP 10-99) Method of Implementation: Not Installed - Lot XII through XXI Kit Installation Quantity: 360							
Installation: Digital Communications System (DCS) (OSIP 10-99) Method of Implementation: Not Installed - Lot X through XI Kit Installation Quantity: 123							
Installation: Digital Communications System (DCS) (OSIP 10-99) Method of Implementation: Not Installed - DCS (WRA) Installation Quantity: 911							
Installation: Digital Communications System (DCS) (OSIP 10-99) Method of Implementation: Not Installed - DCS B kits Installation Quantity: 8							
Installation: Digital Communications System (DCS) (OSIP 10-99) Method of Implementation: Not Installed - Lot XII through XXI Kit ("B" Kit) Installation Quantity: 40							
Installation: Digital Communications System (DCS) (OSIP 10-99) Method of Implementation: Not Installed - Lot X through XI Kit (ACI) Installation Quantity: 128							
Installation: Digital Communications System (DCS) (OSIP 10-99) Method of Implementation: Not Installed - Prior Year Installation Costs Installation Quantity: 528							

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): F/A-18 Aircraft Structural Life Management Plan (SLMP) (OSIP 11-99) CBR+ - 3

Models of Systems Affected: F/A-18 A/B/C/D	Type Modification: SAFETY / LIFE EXTENSION	Related RDT&E PEs:
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	700.163	84.328	109.409	151.418	0.000	151.418	204.406	314.493	491.057	413.080	105.665	2,574.019
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	700.163	84.328	109.409	151.418	0.000	151.418	204.406	314.493	491.057	413.080	105.665	2,574.019
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	700.163	84.328	109.409	151.418	0.000	151.418	204.406	314.493	491.057	413.080	105.665	2,574.019

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

DESCRIPTION/JUSTIFICATION:

Incorporation of structural enhancements and changes is required to attain F/A-18 service life and maintain sufficient aircraft inventory to meet fleet operational requirements through FY 2023. Structural enhancements and changes include resolution of discrepancies identified as a result of Structural Test (ST-16) and in-service experience. These enhancements and changes include: modifications to allow the entire airframe to extend flight hours; modifications to ensure structures currently limited to 78% of design life can achieve 100% life; modifications to ensure landing gear, catapult and attachment components can extend total landings. The unacceptable alternative to retrofitting would be the failure to reach full fatigue life for these aircraft and to not correct the structural defects discovered on fatigue test articles. In many cases, the mission capability of the aircraft would be adversely affected in addition to its reduced service life. As a result, aircraft may be prematurely removed from useful service. Center Barrel Replacement Plus (CBR+) is applicable to F/A-18A/B/C/Ds. ECP 904 Part 1 is the basic center barrel kit. ECP 904 Part 2 is required to extend Wing Root FLE and is not required for all aircraft. ECP 904 Part 3 is required to extend CAT & TRAPs and does not have to be installed concurrently with Part 1 and 2. Part 4 is to extend flight hours associated with flight control surfaces, wings, vertical tails and the forward/aft fuselage and does not have to be installed concurrently with Part 1, 2, or 3.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES:

Currently all Lot VI through XVII aircraft have 78% life limits without the SLMP modifications to bring them to 100% airframe life. McDonnell Douglas Corporation (MDC) and Northrop Grumman Corporation (NGC) developed ECP536 retrofit repair to modify these aircraft so they could restore the airframe to full life. ECP 536 was approved and Validation was completed May 2001. The FRC North Island developed ECP 904NI (CBR+) which was approved on 27 April 2000, ECP 904NI supersedes ECP 536. Validation started October 2000 and was completed in August 2001. Verification started August 2001 and was completed June 2002. ECP 536 moved from OSIP 11-99 to OSIP 11-84 in FY2002.

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Exhibit P-3A, Individual Modification: PB 2013 Navy										Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0525 - F-18 Series						Modification Nomenclature (<i>Modification Title, Modification Number</i>): F/A-18 Aircraft Structural Life Management Plan (SLMP) (OSIP 11-99) CBR+ - 3			
Models of Systems Affected: F/A-18 A/B/C/D				Type Modification: SAFETY / LIFE EXTENSION						Related RDT&E PEs:			
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
F/A-18 Aircraft Structural Life Management Plan (SLMP) (OSIP 11-99) CBR+													
A Kits													
Recurring													
1.1.1) ECP 904 Part 1 (Basic) WRFLE SLEP - NonOrganic ⁽³⁾	316	278.760	-	-	14	17.093	6	7.515	-	-	6	7.515	
1.1.2) ECP 904 Part 2 (Need Part 1) - Organic	131	58.074	-	-	10	0.187	10	0.190	-	-	10	0.190	
1.1.3) ECP 904 Part 3 - Organic	25	1.284	-	-	10	0.300	10	0.929	-	-	10	0.929	
1.1.4) ECP XXXX FWD Fuselage SLEP - NonOrganic	-	-	2	0.896	5	2.240	10	4.570	-	-	10	4.570	
1.1.5) ECP XXXX CTR Fuselage SLEP - NonOrganic	-	-	2	1.180	10	6.500	10	6.630	-	-	10	6.630	
1.1.6) ECP XXXX AFT Fuselage SLEP - NonOrganic	-	-	2	1.418	10	7.091	10	7.232	-	-	10	7.232	
1.1.7) ECP XXXX Sub-System SLEP - NonOrganic	-	-	-	-	10	4.500	-	-	-	-	-	-	
<i>Subtotal Recurring</i>		338.118		3.494		37.911		27.066		0.000		27.066	
NonRecurring													
1.2.1) Installation Kits N/R - Organic	-	43.362	-	25.716	-	17.896	-	36.419	-	-	-	36.419	
<i>Subtotal NonRecurring</i>		43.362		25.716		17.896		36.419		0.000		36.419	
B Kits													
Recurring													
2.1.1) Fuel Cell Refurb & RIM (RIM start FY08) - Organic	184	17.008	30	4.950	26	4.290	26	5.200	-	-	26	5.200	
2.1.2) Prior Year Installation costs - Organic ⁽⁴⁾	126	10.357	-	-	-	-	-	-	-	-	-	-	
<i>Subtotal Recurring</i>		27.365		4.950		4.290		5.200		0.000		5.200	
NonRecurring													
2.2.1) Install Equipment N/R - Organic ⁽⁵⁾	-	3.276	-	1.510	-	1.510	-	4.250	-	-	-	4.250	
<i>Subtotal NonRecurring</i>		3.276		1.510		1.510		4.250		0.000		4.250	
<i>Total, F/A-18 Aircraft Structural Life Management Plan (SLMP) (OSIP 11-99) CBR+</i>	782	412.121	36	35.670	95	61.607	82	72.935	-	-	82	72.935	
<i>Total, All Modifications</i>		412.121		35.670		61.607		72.935		0.000		72.935	

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): F/A-18 Aircraft Structural Life Management Plan (SLMP) (OSIP 11-99) CBR+ - 3

Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Support												
3.1) Engineering Change Orders	-	0.000	-	-	-	-	-	-	-	-	-	-
3.2) Data	-	17.701	-	-	-	-	-	0.225	-	-	-	0.225
3.3) Training Equipment	-	0.000	-	-	-	-	-	-	-	-	-	-
3.4) Support Equipment	-	0.000	-	-	-	-	-	-	-	-	-	-
3.5) ILS	-	61.552	-	10.149	-	7.692	-	16.451	-	-	-	16.451
3.6) Other Support	-	0.000	-	-	-	-	-	-	-	-	-	-
3.7) Interim Contractor Support	-	0.000	-	-	-	-	-	-	-	-	-	-
Total Support Cost		79.253		10.149		7.692		16.676		0.000		16.676
Procurement Cost (Procurement + Support)		491.374		45.819		69.299		89.611		0.000		89.611
Total Installation Cost		208.789		38.509		40.110		61.807		0.000		61.807
Total Cost (Procurement + Support + Installation)		700.163		84.328		109.409		151.418		0.000		151.418

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
F/A-18 Aircraft Structural Life Management Plan (SLMP) (OSIP 11-99) CBR+												
A Kits												
Recurring												
1.1.1) ECP 904 Part 1 (Basic) WRFLE SLEP - NonOrganic ⁽³⁾	6	7.668	8	10.428	-	-	-	-	-	-	350	321.464
1.1.2) ECP 904 Part 2 (Need Part 1) - Organic	5	0.097	-	-	-	-	-	-	-	-	156	58.548
1.1.3) ECP 904 Part 3 - Organic	5	0.474	-	-	-	-	-	-	-	-	50	2.987
1.1.4) ECP XXXX FWD Fuselage SLEP - NonOrganic	20	9.323	30	14.260	70	33.915	13	6.299	-	-	150	71.503
1.1.5) ECP XXXX CTR Fuselage SLEP - NonOrganic	20	13.525	30	20.686	70	49.266	8	5.630	-	-	150	103.417
1.1.6) ECP XXXX AFT Fuselage SLEP - NonOrganic	20	13.525	30	20.686	70	49.266	8	5.630	-	-	150	104.848
1.1.7) ECP XXXX Sub-System SLEP - NonOrganic	55	25.750	140	66.830	225	109.472	80	39.739	-	-	510	246.291

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Exhibit P-3A, Individual Modification: PB 2013 Navy									Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1			P-1 Line Item Nomenclature: 0525 - F-18 Series						Modification Nomenclature (<i>Modification Title, Modification Number</i>): F/A-18 Aircraft Structural Life Management Plan (SLMP) (OSIP 11-99) CBR+ - 3			
Models of Systems Affected: F/A-18 A/B/C/D			Type Modification: SAFETY / LIFE EXTENSION				Related RDT&E PEs:					
Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
<i>Subtotal Recurring</i>		70.362		132.890		241.919		57.298		0.000		909.058
NonRecurring												
1.2.1) Installation Kits N/R - Organic	-	45.202	-	41.642	-	32.054	-	13.571	-	16.000	-	271.862
<i>Subtotal NonRecurring</i>		45.202		41.642		32.054		13.571		16.000		271.862
B Kits												
Recurring												
2.1.1) Fuel Cell Refurb & RIM (RIM start FY08) - Organic	26	5.200	26	5.200	26	5.200	8	1.600	-	-	352	48.648
2.1.2) Prior Year Installation costs - Organic ⁽⁴⁾	-	-	-	-	-	-	-	-	-	-	126	10.357
<i>Subtotal Recurring</i>		5.200		5.200		5.200		1.600		0.000		59.005
NonRecurring												
2.2.1) Install Equipment N/R - Organic ⁽⁵⁾	-	5.301	-	-	-	-	-	7.166	-	-	-	23.013
<i>Subtotal NonRecurring</i>		5.301		0.000		0.000		7.166		0.000		23.013
<i>Total, F/A-18 Aircraft Structural Life Management Plan (SLMP) (OSIP 11-99) CBR+</i>	157	126.065	264	179.732	461	279.173	117	79.635	-	16.000	1,994	1,262.938
<i>Total, All Modifications</i>		126.065		179.732		279.173		79.635		16.000		1,262.938
Support												
3.1) Engineering Change Orders	-	-	-	-	-	-	-	-	-	-	-	-
3.2) Data	-	-	-	-	-	-	-	-	-	-	-	17.926
3.3) Training Equipment	-	-	-	-	-	-	-	-	-	-	-	-
3.4) Support Equipment	-	-	-	-	-	-	-	-	-	-	-	-
3.5) ILS	-	20.754	-	19.124	-	19.334	-	16.579	-	14.627	-	186.262
3.6) Other Support	-	-	-	-	-	-	-	-	-	-	-	-
3.7) Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		20.754		19.124		19.334		16.579		14.627		204.188
<i>Procurement Cost (Procurement + Support)</i>		146.819		198.856		298.507		96.214		30.627		1,467.126
<i>Total Installation Cost</i>		57.587		115.637		192.550		316.866		75.038		1,106.893
Total Cost (Procurement + Support + Installation)		204.406		314.493		491.057		413.080		105.665		2,574.019

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): F/A-18 Aircraft Structural Life Management Plan (SLMP) (OSIP 11-99) CBR+ - 3

Models of Systems Affected: F/A-18 A/B/C/D	Type Modification: SAFETY / LIFE EXTENSION	Related RDT&E PEs:
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Remarks:
⁽³⁾All ECPs: Kit pricing is quantity sensitive. FMS procurements in some years affect unit price.
⁽⁴⁾Prior year install cost includes \$10.357M for Parts 2 and 3 in prior years. Quantity of 126 installs are complete and no schedule is required.
⁽⁵⁾FY17 Install Equipment N/R includes funding for CBR line shut down

Manufacturer Information: F/A-18 Aircraft Structural Life Management Plan (SLMP) (OSIP 11-99) CBR+

Manufacturer Name: CBR+ (ECP 904 Part 1)	Manufacturer Location: N/A
Administrative Leadtime (<i>in Months</i>): 3	Production Leadtime (<i>in Months</i>): 29

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates		Dec 2011	Dec 2012	Dec 2013			
Delivery Dates		May 2014	May 2015	May 2016			

Manufacturer Name: ECP XXX FWD, CTR, AFT Fuselage SLEP	Manufacturer Location: N/A
Administrative Leadtime (<i>in Months</i>): 3	Production Leadtime (<i>in Months</i>): 12

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates	Sep 2011	Dec 2011	Dec 2012	Dec 2013			
Delivery Dates	Sep 2012	Dec 2012	Dec 2013	Dec 2014			

Manufacturer Name: ECP XXX Sub-system SLEP	Manufacturer Location: N/A
Administrative Leadtime (<i>in Months</i>): 3	Production Leadtime (<i>in Months</i>): 12

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates		Dec 2011		Dec 2013			
Delivery Dates		Dec 2012		Dec 2014			

Installation: F/A-18 Aircraft Structural Life Management Plan (SLMP) (OSIP 11-99) CBR+	Method of Implementation: FRC	Installation Name: ECP 904 Part 1 (Basic) WRFLE SLEP
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	185	208.789	30	38.509	26	36.296	26	37.022	0	0.000	26	37.022
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0525 - F-18 Series
		Modification Nomenclature (<i>Modification Title, Modification Number</i>): F/A-18 Aircraft Structural Life Management Plan (SLMP) (OSIP 11-99) CBR+ - 3

Models of Systems Affected: F/A-18 A/B/C/D	Type Modification: SAFETY / LIFE EXTENSION	Related RDT&E PEs:
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Installation: F/A-18 Aircraft Structural Life Management Plan (SLMP) (OSIP 11-99) CBR+	Method of Implementation: FRC	Installation Name: ECP 904 Part 1 (Basic) WRFLE SLEP
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	185	208.789	30	38.509	26	36.296	26	37.022	0	0.000	26	37.022

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	26	37.748	23	34.034	-	-	-	-	-	-	316	392.398
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	3	4.440	11	16.588	-	-	-	-	14	21.028
FY 2013	-	-	-	-	6	9.048	-	-	-	-	6	9.048
FY 2014	-	-	-	-	6	9.048	-	-	-	-	6	9.048
FY 2015	-	-	-	-	-	-	8	12.288	-	-	8	12.288
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	26	37.748	26	38.474	23	34.684	8	12.288	-	-	350	443.810

Installation Schedule																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	185	8	8	7	7	6	6	7	7	6	6	7	7	6	6	7	7	5	6	6	9	5	6	6	6	4	4	-	-	-	350
Out	185	8	8	7	7	6	6	7	7	6	6	7	7	5	6	6	9	5	6	6	9	5	6	6	6	4	4	-	-	-	350

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): F/A-18 Aircraft Structural Life Management Plan (SLMP) (OSIP 11-99) CBR+ - 3

Models of Systems Affected: F/A-18 A/B/C/D	Type Modification: SAFETY / LIFE EXTENSION	Related RDT&E PEs:
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Installation: F/A-18 Aircraft Structural Life Management Plan (SLMP) (OSIP 11-99) CBR+	Method of Implementation: FRC	Installation Name: ECP XXX FWD, CTR, AFT Fuselage SLEP
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	6	3.814	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	25	18.375	0	0.000	25	18.375
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	6	3.814	25	18.375	0	0.000	25	18.375

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	6	3.814
FY 2012	-	-	-	-	-	-	-	-	-	-	25	18.375
FY 2013	30	19.839	-	-	-	-	-	-	-	-	30	19.839
FY 2014	-	-	60	40.474	-	-	-	-	-	-	60	40.474
FY 2015	-	-	-	-	90	61.904	-	-	-	-	90	61.904
FY 2016	-	-	-	-	-	-	210	147.370	-	-	210	147.370
FY 2017	-	-	-	-	-	-	21	0.000	8	18.000	29	18.000
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	30	19.839	60	40.474	90	61.904	231	147.370	8	18.000	450	309.776

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): F/A-18 Aircraft Structural Life Management Plan (SLMP) (OSIP 11-99) CBR+ - 3

Models of Systems Affected: F/A-18 A/B/C/D	Type Modification: SAFETY / LIFE EXTENSION	Related RDT&E PEs:
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Installation: F/A-18 Aircraft Structural Life Management Plan (SLMP) (OSIP 11-99) CBR+	Method of Implementation: FRC	Installation Name: ECP XXX FWD, CTR, AFT Fuselage SLEP
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Installation Schedule																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	-	-	-	-	6	-	9	8	8	6	6	9	9	15	15	15	15	21	21	24	24	59	60	56	56	8	450
Out	-	-	-	-	-	-	-	-	6	-	9	8	8	6	6	9	9	15	15	15	15	21	21	24	24	59	60	56	56	8	450

Installation: F/A-18 Aircraft Structural Life Management Plan (SLMP) (OSIP 11-99) CBR+	Method of Implementation: FRC	Installation Name: ECP XXXX Sub-System SLEP
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	10	6.410	0	0.000	10	6.410
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	10	6.410	0	0.000	10	6.410

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	10	6.410
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): F/A-18 Aircraft Structural Life Management Plan (SLMP) (OSIP 11-99) CBR+ - 3

Models of Systems Affected: F/A-18 A/B/C/D	Type Modification: SAFETY / LIFE EXTENSION	Related RDT&E PEs:
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Installation: F/A-18 Aircraft Structural Life Management Plan (SLMP) (OSIP 11-99) CBR+	Method of Implementation: FRC	Installation Name: ECP XXXX Sub-System SLEP
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Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
FY 2014	-	-	55	36.689	-	-	-	-	-	-	55	36.689
FY 2015	-	-	-	-	140	95.962	-	-	-	-	140	95.962
FY 2016	-	-	-	-	-	-	225	157.208	-	-	225	157.208
FY 2017	-	-	-	-	-	-	-	-	80	57.038	80	57.038
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	55	36.689	140	95.962	225	157.208	80	57.038	510	353.307

Installation Schedule																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	-	-	-	-	-	-	-	5	5	-	-	-	-	13	14	14	14	35	35	35	35	56	56	56	57	80	510
Out	-	-	-	-	-	-	-	-	-	-	-	5	5	-	-	-	-	13	14	14	14	35	35	35	35	56	56	56	57	80	510

Installation: F/A-18 Aircraft Structural Life Management Plan (SLMP) (OSIP 11-99) CBR+	Method of Implementation: Not Installed - ECP 904 Part 2 (Need Part 1)	Installation Quantity: 156
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Installation: F/A-18 Aircraft Structural Life Management Plan (SLMP) (OSIP 11-99) CBR+	Method of Implementation: Not Installed - ECP 904 Part 3	Installation Quantity: 50
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Installation: F/A-18 Aircraft Structural Life Management Plan (SLMP) (OSIP 11-99) CBR+	Method of Implementation: Not Installed - Fuel Cell Refurb & RIM (RIM start FY08)	Installation Quantity: 352
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Installation: F/A-18 Aircraft Structural Life Management Plan (SLMP) (OSIP 11-99) CBR+	Method of Implementation: Not Installed - Prior Year Installation costs	Installation Quantity: 126
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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Multi-Functional Information Distribution System (MIDS) (OSIP 12-99) - 4

Models of Systems Affected: F/A-18 and EA-18G	Type Modification: CAPABILITY IMPROVEMENT	Related RDT&E PEs:
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	384.658	0.009	0.000	0.094	0.000	0.094	0.402	20.788	27.304	98.176	111.130	642.561
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	384.658	0.009	0.000	0.094	0.000	0.094	0.402	20.788	27.304	98.176	111.130	642.561
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	384.658	0.009	0.000	0.094	0.000	0.094	0.402	20.788	27.304	98.176	111.130	642.561

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

DESCRIPTION/JUSTIFICATION:

The system is a Tactical Data Link Communications to provide a secure communications and navigation system. Multifunctional Information Distribution System Low Volume Terminal (MIDS-LVT) is a Pre-planned Product Improvement (P3I) to the Joint Tactical Information System (JTIDS) and is being installed in USN/USMC F/A-18C/D/E/F and EA-18G aircraft, since the aircraft cannot accommodate the larger JTIDS Class 2 Terminals due to size and weight constraints. MIDS LVT is an International Cooperative Program (ICP) development with France, Germany, Italy, and Spain. A PMOU and Supplement 1 are in effect. The system is interoperable with JTIDS Class 2 Terminals utilized by NATO allies as well as the other Services. F/A-18 will be interoperable with all Link 16 equipped platforms in U.S. and Allied Nations. This OSIP will also be used to perform efforts to address parts obsolescence and to examine potential MIDS-related capability upgrades associated with Network Centric Operations and interoperability requirements. ORD # 337-06-93. The MIDS Joint Tactical Radio System (MIDS JTRS) is an ECP upgrade to the MIDS-LVT developed under (ORD#642-61-04). MIDS JTRS offers the functionality of Link 16, Tactical Air Navigation (TACAN), and digital voice in a Software-Controlled Architecture (SCA) JTRS-compliant format, and provides the option of future expandability to host the Advanced Tactical Data Link (ATDL). MIDS JTRS will be retrofit in Lots 26-31 F/A-18E/F and EA-18G aircraft. This OSIP also includes funding for the purchase of MIDS upgrade kits for Cryptographic Modernization (CM) and Frequency Remapping (FR) capability.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES:

This Operational Safety Improvement Program (OSIP) was originally planned for incorporation of MIDS into F/A-18C/D (Lots 12-21) and F/A-18E/F (Lots 22-31), but is now applicable to all F/A-18C/D/E/F and EA-18G aircraft. A MIDS installation kit Critical Design Review (CDR) was held at Boeing in September 1996. MIDS Terminal initial Engineering and Manufacturing Development (E&MD) delivery for F/A-18 occurred in February 1998. Installation into the first three (3) EMD aircraft began in March 1998 and ended in September 1998. In May 1999, Boeing was awarded the ECP contracts required to provision the F/A-18E/F for the MIDS LVT while still in production. These provisions include: an Interference Blanking Unit (IBU); an Amplifier Control Intercommunication Unit (ACI); a MIDS Compatible CIT upgrade; and a MIDS Compatible Transponder upgrade. This list of equipment was also required to be retrofit into F/A-18C/D and is included as the "Avionics Upgrade" in the table below. These provisions are required by other F/A-18 programs and can be installed independently of MIDS LVT. Operational Evaluation was completed in June 2003, with a recommendation of operationally effective and operationally not suitable. A Verification Correction of Deficiencies (VCD) was completed on 15 August 2003. The VCD report delivered on 4 September 2003 recommended full fleet release. Full Rate Production approval was granted on 25 September 2003. Integration testing of MIDS JTRS capabilities began in FY2007. FY2007 was a MIDS JTRS LRIP buy per the approved acquisition strategy and will enable Initial Operational Capability in FY2009.

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature <i>(Modification Title, Modification Number):</i> Multi-Functional Information Distribution System (MIDS) (OSIP 12-99) - 4
Models of Systems Affected: F/A-18 and EA-18G	Type Modification: CAPABILITY IMPROVEMENT	Related RDT&E PEs:

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Exhibit P-3A, Individual Modification: PB 2013 Navy										Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0525 - F-18 Series						Modification Nomenclature (<i>Modification Title, Modification Number</i>): Multi-Functional Information Distribution System (MIDS) (OSIP 12-99) - 4			
Models of Systems Affected: F/A-18 and EA-18G				Type Modification: CAPABILITY IMPROVEMENT				Related RDT&E PEs:					
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
Multi-Functional Information Distribution System (MIDS) (OSIP 12-99)													
A Kits													
Recurring													
1.1.1) Lot 12 through 21 Kits - Organic													
	397	57.436	-	-	-	-	-	-	-	-	-	-	
1.1.2) Lot 26 through 31 Kits (MIDS-JTRS) - Organic													
	24	0.240	-	-	-	-	-	-	-	-	-	-	
<i>Subtotal Recurring</i>													
		57.676		0.000		0.000		0.000		0.000		0.000	
B Kits													
Recurring													
2.1.1) Avionics Upgrade - Organic													
	397	59.274	-	-	-	-	-	-	-	-	-	-	
2.1.2) MIDS LVT - Organic													
	476	135.014	-	-	-	-	-	-	-	-	-	-	
2.1.3) MIDS JTRS - Organic													
	12	7.738	-	-	-	-	-	-	-	-	-	-	
2.1.4) MIDS JTRS Terminals - Organic													
	-	-	-	-	-	-	-	-	-	-	-	-	
2.1.5) MIDS JTRS Upgrades - Organic													
	-	-	-	-	-	-	-	-	-	-	-	-	
2.1.6) MIDS JTRS SCS - Organic													
	-	-	-	-	-	-	-	-	-	-	-	-	
2.1.7) Prior Year Installation Costs - Organic													
	461	39.908	-	-	-	-	-	-	-	-	-	-	
<i>Subtotal Recurring</i>													
		241.934		0.000		0.000		0.000		0.000		0.000	
NonRecurring													
2.2.1) Install Equipment N/R - Organic													
	-	37.238	-	-	-	-	-	-	-	-	-	-	
<i>Subtotal NonRecurring</i>													
		37.238		0.000		0.000		0.000		0.000		0.000	
<i>Total, Multi-Functional Information Distribution System (MIDS) (OSIP 12-99)</i>													
	1,767	336.848	-	-	-	-	-	-	-	-	-	-	
<i>Total, All Modifications</i>													
		336.848		0.000		0.000		0.000		0.000		0.000	
Support													
3.1) Engineering Change Orders													
	-	0.980	-	-	-	-	-	-	-	-	-	-	
3.2) Data													
	-	1.980	-	-	-	-	-	-	-	-	-	-	
3.3) Training Equipment													
	-	0.000	-	-	-	-	-	-	-	-	-	-	
3.4) Support Equipment													
	-	7.228	-	-	-	-	-	-	-	-	-	-	

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Multi-Functional Information Distribution System (MIDS) (OSIP 12-99) - 4

Models of Systems Affected: F/A-18 and EA-18G	Type Modification: CAPABILITY IMPROVEMENT	Related RDT&E PEs:
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
3.5) ILS	-	9.161	-	0.009	-	-	-	0.094	-	-	-	0.094
3.6) Other Support	-	28.461	-	-	-	-	-	-	-	-	-	-
3.7) Interim Contractor Support	-	0.000	-	-	-	-	-	-	-	-	-	-
Total Support Cost		47.810		0.009		0.000		0.094		0.000		0.094
Procurement Cost (Procurement + Support)		384.658		0.009		0.000		0.094		0.000		0.094
Total Installation Cost		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		384.658		0.009		0.000		0.094		0.000		0.094

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
Multi-Functional Information Distribution System (MIDS) (OSIP 12-99)												
A Kits												
Recurring												
1.1.1) Lot 12 through 21 Kits - Organic	-	-	-	-	-	-	-	-	-	-	397	57.436
1.1.2) Lot 26 through 31 Kits (MIDS-JTRS) - Organic	-	-	-	-	-	-	-	-	-	-	24	0.240
Subtotal Recurring		0.000		0.000		0.000		0.000		0.000		57.676
B Kits												
Recurring												
2.1.1) Avionics Upgrade - Organic	-	-	-	-	-	-	-	-	-	-	397	59.274
2.1.2) MIDS LVT - Organic	-	-	-	-	-	-	-	-	-	-	476	135.014
2.1.3) MIDS JTRS - Organic	-	-	-	-	-	-	-	-	-	-	12	7.738
2.1.4) MIDS JTRS Terminals - Organic	-	-	74	20.619	97	27.170	257	72.000	344	96.320	772	216.109
2.1.5) MIDS JTRS Upgrades - Organic	-	-	-	-	-	-	55	3.900	110	7.810	165	11.710
2.1.6) MIDS JTRS SCS - Organic	-	-	-	-	-	-	-	4.100	-	-	-	4.100
2.1.7) Prior Year Installation Costs - Organic	-	-	-	-	-	-	-	-	-	-	461	39.908
Subtotal Recurring		0.000		20.619		27.170		80.000		104.130		473.853
NonRecurring												

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0525 - F-18 Series
Modification Nomenclature (<i>Modification Title, Modification Number</i>): Multi-Functional Information Distribution System (MIDS) (OSIP 12-99) - 4		

Models of Systems Affected: F/A-18 and EA-18G	Type Modification: CAPABILITY IMPROVEMENT	Related RDT&E PEs:
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
2.2.1) Install Equipment N/R - Organic	-	-	-	-	-	-	-	13.776	-	3.000	-	54.014
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		13.776		3.000		54.014
<i>Total, Multi-Functional Information Distribution System (MIDS) (OSIP 12-99)</i>	-	-	74	20.619	97	27.170	312	93.776	454	107.130	2,704	585.543
<i>Total, All Modifications</i>		0.000		20.619		27.170		93.776		107.130		585.543
Support												
3.1) Engineering Change Orders	-	-	-	-	-	-	-	-	-	-	-	0.980
3.2) Data	-	-	-	-	-	-	-	-	-	-	-	1.980
3.3) Training Equipment	-	-	-	-	-	-	-	-	-	-	-	-
3.4) Support Equipment	-	-	-	-	-	-	-	-	-	-	-	7.228
3.5) ILS	-	0.402	-	0.169	-	0.134	-	-	-	-	-	9.969
3.6) Other Support	-	-	-	-	-	-	-	4.400	-	4.000	-	36.861
3.7) Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		0.402		0.169		0.134		4.400		4.000		57.018
<i>Procurement Cost (Procurement + Support)</i>		0.402		20.788		27.304		98.176		111.130		642.561
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		0.402		20.788		27.304		98.176		111.130		642.561

Remarks:

Manufacturer Information: Multi-Functional Information Distribution System (MIDS) (OSIP 12-99)

Manufacturer Name: Manufacturer Name Not Provided.	Manufacturer Location: Manufacturer Location Not Provided.
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Administrative Leadtime (in Months):	Production Leadtime (in Months):
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Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates							
Delivery Dates							

Installation: Multi-Functional Information Distribution System (MIDS) (OSIP 12-99)	Method of Implementation: Not Installed - Lot 12 through 21 Kits	Installation Quantity: 397
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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Multi-Functional Information Distribution System (MIDS) (OSIP 12-99) - 4
Models of Systems Affected: F/A-18 and EA-18G	Type Modification: CAPABILITY IMPROVEMENT	Related RDT&E PEs:
Installation: Multi-Functional Information Distribution System (MIDS) (OSIP 12-99)	Method of Implementation: Not Installed - Lot 26 through 31 Kits (MIDS-JTRS)	Installation Quantity: 24
Installation: Multi-Functional Information Distribution System (MIDS) (OSIP 12-99)	Method of Implementation: Not Installed - Avionics Upgrade	Installation Quantity: 397
Installation: Multi-Functional Information Distribution System (MIDS) (OSIP 12-99)	Method of Implementation: Not Installed - MIDS LVT	Installation Quantity: 476
Installation: Multi-Functional Information Distribution System (MIDS) (OSIP 12-99)	Method of Implementation: Not Installed - MIDS JTRS	Installation Quantity: 12
Installation: Multi-Functional Information Distribution System (MIDS) (OSIP 12-99)	Method of Implementation: Not Installed - MIDS JTRS Terminals	Installation Quantity: 772
Installation: Multi-Functional Information Distribution System (MIDS) (OSIP 12-99)	Method of Implementation: Not Installed - MIDS JTRS Upgrades	Installation Quantity: 165
Installation: Multi-Functional Information Distribution System (MIDS) (OSIP 12-99)	Method of Implementation: Not Installed - Prior Year Installation Costs	Installation Quantity: 461

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): USMC F/A-18 Upgrade ECP-583 (OSIP 21-00) - 5

Models of Systems Affected: F/A-18 A/B/C/D	Type Modification: AVIONICS UPGRADE	Related RDT&E PEs:
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	301.978	13.711	38.224	36.162	0.000	36.162	15.134	15.418	5.737	0.000	0.000	426.364
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	301.978	13.711	38.224	36.162	0.000	36.162	15.134	15.418	5.737	0.000	0.000	426.364
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	301.978	13.711	38.224	36.162	0.000	36.162	15.134	15.418	5.737	0.000	0.000	426.364

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

DESCRIPTION/JUSTIFICATION:

This Operational Safety Improvement Program (OSIP) upgrades USMC F/A-18A/B/C/Ds avionics including both hardware and software capabilities. This requirement is critical to meet the Marine Corps requirements for the Tactical Aircraft (TACAIR) Integration Plan. The Avionics Upgrade includes avionics subsystems already incorporated or being incorporated into USMC and/or Foreign Military Sales (FMS) F/A-18 aircraft. The Basic Engineering Change Proposal (ECP) 583 incorporates the following subsystems: AN/ARC-210(V) with HAVEQUICK II and SINGARS; Digital Communication Systems (DCS) Receiver/Transmitter (RT-1824(C)); Combined Interrogator/Transponder AN/APX-111 (V); Night Vision Display System (NVDS); Mission Computer CP-2360 (XN-8); Radar (AN/APG-73); Stores Management Set (SMS, AN/AYQ-9); AMRAAM Capability (radar modification, launchers, weapons pylons and control stick); Digital Display Indicator (DDI) Upgrade; Mission Data Loader (AN/ASQ-215); Targeting Forward-Looking Infrared (FLIR) provisions (AAS-38B). ECP 583R1 adds a digital wingtip modification, allowing use of the AIM-9X air-to-air missile. ECP 583R2 adds the following capabilities to A+ aircraft: Multi-functional Information Distribution System (MIDS LVT); Color Displays; Joint Helmet Mounted Cueing System (JHMCS); ALE-47; Tactical Aircraft Moving Map Capability (TAMMAC); and Auxiliary Memory Unit (AMU). ECP 583 R3 was cancelled. ECP583R4 will incorporate the United States Navy Aircrew Common Ejection Seat (NACES) for utilization with the JHMCS system on A+ aircraft. ECP583R6 will incorporate the NACES for utilization with the JHMCS system on C+ aircraft. ECP 583R7 adds the following capabilities to C+ aircraft: MIDS LVT; Color Displays; JHMCS; ALE-47; TAMMAC; and AMU. ECP 583-TBD for B+ will incorporate the NACES, MIDS LVT; Color Displays; JHMCS; ALE-47; TAMMAC; and AMU on the B+ aircraft. This OSIP also provided limited integration of the LITENING Enhanced Range Forward Looking Infrared (FLIR) on 24 USMC F/A-18Ds. This allowed the USMC to utilize existing LITENING pods, currently in the AV-8B inventory, on USMC F/A-18Ds to provide the Air Ground Task Force capability and flexibility in the execution of operations in the combat spectrum.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES:

The number of aircraft to be retrofitted in the program of record has changed; the USMC has deferred retrofitting some early lot F/A-18C/Ds vice only F/A-18A/Bs due to greater remaining life on those aircraft. ECP 583 was approved 25 March 1999. ECP 583R1 was approved in August 2001. ECP 583R2 was approved in 2004. ECP 583R3 was cancelled and ECP 583R4 was approved in 2006. A New Start notification was sent to Congress in FY2003 to initiate the LITENING integration and procurement of the FY2004 Installation Kits. Due to lower than expected pricing, 24 aircraft are able to be modified with the originally identified funding.

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Exhibit P-3A, Individual Modification: PB 2013 Navy										Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0525 - F-18 Series						Modification Nomenclature (<i>Modification Title, Modification Number</i>): USMC F/A-18 Upgrade ECP-583 (OSIP 21-00) - 5			
Models of Systems Affected: F/A-18 A/B/C/D				Type Modification: AVIONICS UPGRADE						Related RDT&E PEs:			
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
USMC F/A-18 Upgrade ECP-583 (OSIP 21-00)													
A Kits													
Recurring													
1.1.1) ECP-583 - Organic	27	7.522	-	-	-	-	-	-	-	-	-	-	
1.1.2) ECP583R1 - Organic	82	0.319	-	-	-	-	-	-	-	-	-	-	
1.1.3) ECP583R2 - Organic	13	8.180	-	-	-	-	-	-	-	-	-	-	
1.1.4) ECP583R4 - Organic	42	1.250	-	-	-	-	-	-	-	-	-	-	
1.1.5) Litening - Organic	24	0.853	-	-	-	-	-	-	-	-	-	-	
<i>Subtotal Recurring</i>		18.124		0.000		0.000		0.000		0.000		0.000	
NonRecurring													
1.2.1) Installation Kits N/R - Organic	-	13.923	-	3.697	-	-	-	-	-	-	-	-	
<i>Subtotal NonRecurring</i>		13.923		3.697		0.000		0.000		0.000		0.000	
B Kits													
Recurring													
2.1.1) ECP 583 GFE (B Kits) - Organic	895	157.490	-	-	-	-	-	-	-	-	-	-	
2.1.2) ECP583R1 - Organic	104	1.643	-	-	-	-	-	-	-	-	-	-	
2.1.3) ECP583R2 (A++) - NonOrganic	167	48.654	8	2.458	-	-	-	-	-	-	-	-	
2.1.4) ECP583R4 (A++ NACES) - Organic	58	13.426	6	1.673	-	-	-	-	-	-	-	-	
2.1.5) ECP583R2/R7 (A++/C+ Obsolescence Mgmt) - Organic	-	2.429	-	-	8	3.000	-	1.634	-	-	-	1.634	
2.1.6) ECP583R6 (C+ NACES) - Organic	-	-	2	0.717	14	4.351	14	4.438	-	-	14	4.438	
2.1.7) ECP 583R7 (C+) - NonOrganic	2	1.798	-	-	14	24.999	14	25.248	-	-	14	25.248	
2.1.8) Prior Year Installation Cost - Organic ⁽⁶⁾	61	22.510	-	-	-	-	-	-	-	-	-	-	
<i>Subtotal Recurring</i>		247.950		4.848		32.350		31.320		0.000		31.320	
NonRecurring													
2.2.1) Installation Equipment N/R - Organic	-	-	-	-	-	-	-	2.379	-	-	-	2.379	
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		2.379		0.000		2.379	
Total, USMC F/A-18 Upgrade ECP-583 (OSIP 21-00)	1,475	279.997	16	8.545	36	32.350	28	33.699	-	-	28	33.699	

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): USMC F/A-18 Upgrade ECP-583 (OSIP 21-00) - 5

Models of Systems Affected: F/A-18 A/B/C/D	Type Modification: AVIONICS UPGRADE	Related RDT&E PEs:
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
<i>Total, All Modifications</i>		279.997		8.545		32.350		33.699		0.000		33.699
Support												
3.1) Engineering Change Orders	-	0.000	-	-	-	-	-	-	-	-	-	-
3.2) Data	-	1.732	-	-	-	-	-	-	-	-	-	-
3.3) Training Equipment	-	0.747	-	-	-	-	-	-	-	-	-	-
3.4) Support Equipment	-	1.491	-	-	-	-	-	-	-	-	-	-
3.5) ILS	-	-	-	0.427	-	0.527	-	1.003	-	-	-	1.003
3.6) Other Support	-	4.847	-	0.235	-	0.147	-	0.660	-	-	-	0.660
3.7) Interim Contractor Support	-	0.000	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		8.817		0.662		0.674		1.663		0.000		1.663
<i>Procurement Cost (Procurement + Support)</i>		288.814		9.207		33.024		35.362		0.000		35.362
<i>Total Installation Cost</i>		13.164		4.504		5.200		0.800		0.000		0.800
Total Cost (Procurement + Support + Installation)		301.978		13.711		38.224		36.162		0.000		36.162

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
USMC F/A-18 Upgrade ECP-583 (OSIP 21-00)												
A Kits												
Recurring												
1.1.1) ECP-583 - Organic	-	-	-	-	-	-	-	-	-	-	27	7.522
1.1.2) ECP583R1 - Organic	-	-	-	-	-	-	-	-	-	-	82	0.319
1.1.3) ECP583R2 - Organic	-	-	-	-	-	-	-	-	-	-	13	8.180
1.1.4) ECP583R4 - Organic	-	-	-	-	-	-	-	-	-	-	42	1.250
1.1.5) Litening - Organic	-	-	-	-	-	-	-	-	-	-	24	0.853
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		18.124
NonRecurring												
1.2.1) Installation Kits N/R - Organic	-	-	-	-	-	-	-	-	-	-	-	17.620

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Exhibit P-3A, Individual Modification: PB 2013 Navy										Date: February 2012				
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1					P-1 Line Item Nomenclature: 0525 - F-18 Series					Modification Nomenclature (<i>Modification Title, Modification Number</i>): USMC F/A-18 Upgrade ECP-583 (OSIP 21-00) - 5				
Models of Systems Affected: F/A-18 A/B/C/D				Type Modification: AVIONICS UPGRADE					Related RDT&E PEs:					
Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total			
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)		
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		17.620		
B Kits														
Recurring														
2.1.1) ECP 583 GFE (B Kits) - Organic	-	-	-	-	-	-	-	-	-	-	895	157.490		
2.1.2) ECP583R1 - Organic	-	-	-	-	-	-	-	-	-	-	104	1.643		
2.1.3) ECP583R2 (A++) - NonOrganic	-	-	-	-	-	-	-	-	-	-	175	51.112		
2.1.4) ECP583R4 (A++ NACES) - Organic	-	-	-	-	-	-	-	-	-	-	64	15.099		
2.1.5) ECP583R2/R7 (A++/C+ Obsolescence Mgmt) - Organic	-	5.539	-	7.458	-	4.972	-	-	-	-	8	25.032		
2.1.6) ECP583R6 (C+ NACES) - Organic	-	-	-	-	-	-	-	-	-	-	30	9.506		
2.1.7) ECP 583R7 (C+) - NonOrganic	-	-	-	-	-	-	-	-	-	-	30	52.045		
2.1.8) Prior Year Installation Cost - Organic ⁽⁶⁾	-	-	-	-	-	-	-	-	-	-	61	22.510		
<i>Subtotal Recurring</i>		5.539		7.458		4.972		0.000		0.000		334.437		
NonRecurring														
2.2.1) Installation Equipment N/R - Organic	-	2.388	-	-	-	-	-	-	-	-	-	4.767		
<i>Subtotal NonRecurring</i>		2.388		0.000		0.000		0.000		0.000		4.767		
<i>Total, USMC F/A-18 Upgrade ECP-583 (OSIP 21-00)</i>	-	7.927	-	7.458	-	4.972	-	-	-	-	1,555	374.948		
<i>Total, All Modifications</i>		7.927		7.458		4.972		0.000		0.000		374.948		
Support														
3.1) Engineering Change Orders	-	-	-	-	-	-	-	-	-	-	-	-		
3.2) Data	-	-	-	-	-	-	-	-	-	-	-	1.732		
3.3) Training Equipment	-	-	-	-	-	-	-	-	-	-	-	0.747		
3.4) Support Equipment	-	-	-	-	-	-	-	-	-	-	-	1.491		
3.5) ILS	-	0.799	-	0.850	-	0.323	-	-	-	-	-	3.929		
3.6) Other Support	-	0.696	-	1.284	-	0.442	-	-	-	-	-	8.311		
3.7) Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	-		
<i>Total Support Cost</i>		1.495		2.134		0.765		0.000		0.000		16.210		
<i>Procurement Cost (Procurement + Support)</i>		9.422		9.592		5.737		0.000		0.000		391.158		
<i>Total Installation Cost</i>		5.712		5.826		0.000		0.000		0.000		35.206		

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): USMC F/A-18 Upgrade ECP-583 (OSIP 21-00) - 5

Models of Systems Affected: F/A-18 A/B/C/D	Type Modification: AVIONICS UPGRADE	Related RDT&E PEs:									
Financial Plan	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total					
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)
Total Cost (Procurement + Support + Installation)		15.134	15.418	5.737	0.000	0.000	426.364				

Remarks:
⁽⁶⁾Prior year install cost includes \$22.51M for quantity of 61 ECP 583 and Litening kits procured in prior years. These installs are complete and no schedule is required.

Manufacturer Information: USMC F/A-18 Upgrade ECP-583 (OSIP 21-00)							
Manufacturer Name: ECP-583 A++				Manufacturer Location: N/A			
Administrative Leadtime (in Months): 9				Production Leadtime (in Months): 8			
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates	Jun 2011						
Delivery Dates	Feb 2012						
Manufacturer Name: ECP-583 C+				Manufacturer Location: N/A			
Administrative Leadtime (in Months): 4				Production Leadtime (in Months): 20			
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates		Jan 2012	Jan 2013				
Delivery Dates		Oct 2013	Oct 2014				

Installation: USMC F/A-18 Upgrade ECP-583 (OSIP 21-00)		Method of Implementation: Field Mod Team				Installation Name: ECP583R2 (A++)						
Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	153	13.164	11	4.504	3	1.418	-	-	-	-	-	-
FY 2011	-	-	-	-	8	3.782	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0525 - F-18 Series
Modification Nomenclature (Modification Title, Modification Number): USMC F/A-18 Upgrade ECP-583 (OSIP 21-00) - 5		

Models of Systems Affected: F/A-18 A/B/C/D	Type Modification: AVIONICS UPGRADE	Related RDT&E PEs:
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Installation: USMC F/A-18 Upgrade ECP-583 (OSIP 21-00)	Method of Implementation: Field Mod Team	Installation Name: ECP583R2 (A++)
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	153	13.164	11	4.504	11	5.200	-	-	-	-	-	-

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	167	19.086
FY 2011	-	-	-	-	-	-	-	-	-	-	8	3.782
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	175	22.868

Installation Schedule																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	153	3	3	3	2	3	3	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	175
Out	153	3	3	3	2	3	3	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	175

Installation: USMC F/A-18 Upgrade ECP-583 (OSIP 21-00)	Method of Implementation: Field Mod Team	Installation Name: ECP 583R7 (C+)
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	2	0.800	0	0.000	2	0.800
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): USMC F/A-18 Upgrade ECP-583 (OSIP 21-00) - 5

Models of Systems Affected: F/A-18 A/B/C/D	Type Modification: AVIONICS UPGRADE	Related RDT&E PEs:
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Installation: USMC F/A-18 Upgrade ECP-583 (OSIP 21-00)	Method of Implementation: Field Mod Team	Installation Name: ECP 583R7 (C+)
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	2	0.800	0	0.000	2	0.800

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	2	0.800
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	14	5.712	-	-	-	-	-	-	-	-	14	5.712
FY 2013	-	-	14	5.826	-	-	-	-	-	-	14	5.826
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	14	5.712	14	5.826	-	-	-	-	-	-	30	12.338

Installation Schedule																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	7	7	-	-	7	7	-	-	-	-	-	-	-	-	-	30
Out	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	7	7	-	-	7	7	-	-	-	-	-	-	-	-	-	30

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): USMC F/A-18 Upgrade ECP-583 (OSIP 21-00) - 5
Models of Systems Affected: F/A-18 A/B/C/D	Type Modification: AVIONICS UPGRADE	Related RDT&E PEs:
Installation: USMC F/A-18 Upgrade ECP-583 (OSIP 21-00)	Method of Implementation: Not Installed - ECP-583	Installation Quantity: 27
Installation: USMC F/A-18 Upgrade ECP-583 (OSIP 21-00)	Method of Implementation: Not Installed - ECP583R1	Installation Quantity: 82
Installation: USMC F/A-18 Upgrade ECP-583 (OSIP 21-00)	Method of Implementation: Not Installed - ECP583R2	Installation Quantity: 13
Installation: USMC F/A-18 Upgrade ECP-583 (OSIP 21-00)	Method of Implementation: Not Installed - ECP583R4	Installation Quantity: 42
Installation: USMC F/A-18 Upgrade ECP-583 (OSIP 21-00)	Method of Implementation: Not Installed - Litening	Installation Quantity: 24
Installation: USMC F/A-18 Upgrade ECP-583 (OSIP 21-00)	Method of Implementation: Not Installed - ECP 583 GFE (B Kits)	Installation Quantity: 895
Installation: USMC F/A-18 Upgrade ECP-583 (OSIP 21-00)	Method of Implementation: Not Installed - ECP583R1	Installation Quantity: 104
Installation: USMC F/A-18 Upgrade ECP-583 (OSIP 21-00)	Method of Implementation: Not Installed - ECP583R4 (A++ NACES)	Installation Quantity: 64
Installation: USMC F/A-18 Upgrade ECP-583 (OSIP 21-00)	Method of Implementation: Not Installed - ECP583R2/R7 (A++/C+ Obsolescence Mgmt)	Installation Quantity: 8
Installation: USMC F/A-18 Upgrade ECP-583 (OSIP 21-00)	Method of Implementation: Not Installed - ECP583R6 (C+ NACES)	Installation Quantity: 30
Installation: USMC F/A-18 Upgrade ECP-583 (OSIP 21-00)	Method of Implementation: Not Installed - Prior Year Installation Cost	Installation Quantity: 61

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Joint Helmet Mounted Cueing System (JHMCS) (OSIP 24-00) - 6

Models of Systems Affected: F/A-18 and EA-18G	Type Modification: CAPABILITY IMPROVEMENT	Related RDT&E PEs:
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	206.655	32.891	40.356	26.629	0.000	26.629	12.704	8.384	0.000	0.000	0.000	327.619
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	206.655	32.891	40.356	26.629	0.000	26.629	12.704	8.384	0.000	0.000	0.000	327.619
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	206.655	32.891	40.356	26.629	0.000	26.629	12.704	8.384	0.000	0.000	0.000	327.619

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

DESCRIPTION/JUSTIFICATION:

The Joint Helmet-Mounted Cueing System (JHMCS) is a multi-service system that provides United States Air Force (USAF), United States Navy (USN), and United States Marine Corps (USMC) aircraft the capability to cue and verify on-board weapons and weapons sensors to a specific azimuth/elevation determined by the pilot's head position and to confirm sensor line-of-sight. The intent is to reduce tasks required of aircrews, verify seeker/sensor position, and enhance weapons employment opportunities. The JHMCS incorporates an ejection-compatible helmet-mounted display system, with capability to cue and verify cueing of high off-axis sensors and weapons, on USAF and USN single seat and two seat fighter aircraft. JHMCS Night Vision Cueing and Display (NVCD) will provide the ability to cue and display weapons and sensors at night through the initial fielding of a narrow field of view Night Vision Device that integrates the JHMCS cueing and display symbology. The capability will be upgraded to a wide field of view system when available.

"Installation Equipment" quantities have been planned by the Joint Program Office to maximize the quantity fielded across all service platforms as expeditiously as possible, while balancing contractor production capacity. In order to meet this objective, in some cases the "Installation Equipment" is procured a year prior to the "Installation Kit" procurement. However, due to a year difference in production lead-times both the "Installation Kits" and "Installation Equipment" will be delivered at essentially the same time. This allows for the quickest introduction to the fleet of this critical war fighting capability and balances the needs of all services with production capacity. SJU-17B Navy Aircrew Common Ejection Seat (NACES) and Tactical Aircraft Moving Map Capability Digital Map Computer (TAMMAC DMC) are required for retrofit installation of JHMCS.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES:

F/A-18E/F JHMCS completed Developmental Testing in August 2001. Operational Evaluation (OPEVAL) was completed in April 2002. F/A-18E/F retrofit kit procurement began in FY 2004 and installed in FY 2005 starting with Lot 23 aircraft. JHMCS procurement for F/A-18C/D was approved at a milestone decision in January 2004. AFT Seat development completed in FY 2006. The first F/A-18C/D JHMCS retrofit kits were procured in FY 2005 and installed in FY 2006.

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Exhibit P-3A, Individual Modification: PB 2013 Navy										Date: February 2012				
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1					P-1 Line Item Nomenclature: 0525 - F-18 Series					Modification Nomenclature (<i>Modification Title, Modification Number</i>): Joint Helmet Mounted Cueing System (JHMCS) (OSIP 24-00) - 6				
Models of Systems Affected: F/A-18 and EA-18G			Type Modification: CAPABILITY IMPROVEMENT					Related RDT&E PEs:						
Financial Plan			Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
			Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement														
Joint Helmet Mounted Cueing System (JHMCS) (OSIP 24-00)														
A Kits														
Recurring														
1.1.1) C/D A-Kit - NonOrganic			272	25.685	22	2.270	49	3.956	25	2.567	-	-	25	2.567
1.1.2) E/F A-Kit - NonOrganic			107	9.234	42	3.479	23	4.173	-	-	-	-	-	-
1.1.3) Canopy A Kits (AYC-1321) - Organic			405	2.401	46	0.119	63	0.323	25	0.071	-	-	25	0.071
1.1.4) Ejection Seat A Kits (NACES Retrofit) - Organic			-	-	-	-	17	0.039	25	0.047	-	-	25	0.047
1.1.5) Ejection Seat A Kits (ACC-695) - Organic			350	1.880	32	0.187	56	0.372	-	-	-	-	-	-
<i>Subtotal Recurring</i>				39.200		6.055		8.863		2.685		0.000		2.685
NonRecurring														
1.2.1) Installation Kits N/R - Organic			-	20.276	-	3.570	-	1.985	-	2.452	-	-	-	2.452
<i>Subtotal NonRecurring</i>				20.276		3.570		1.985		2.452		0.000		2.452
B Kits														
Recurring														
2.1.1) C/D B-Kit - Organic			599	60.898	22	2.561	58	13.577	50	9.979	-	-	50	9.979
2.1.2) E/F B-Kit (AFC-445 F/A-18F) - Organic			241	17.876	42	5.081	20	4.577	-	-	-	-	-	-
<i>Subtotal Recurring</i>				78.774		7.642		18.154		9.979		0.000		9.979
NonRecurring														
2.2.1) Installation Equipment N/R - Organic			-	1.000	-	-	-	-	-	-	-	-	-	-
<i>Subtotal NonRecurring</i>				1.000		0.000		0.000		0.000		0.000		0.000
<i>Total, Joint Helmet Mounted Cueing System (JHMCS) (OSIP 24-00)</i>			1,974	139.250	206	17.267	286	29.002	125	15.116	-	-	125	15.116
<i>Total, All Modifications</i>				139.250		17.267		29.002		15.116		0.000		15.116
Support														
3.1) Engineering Change Orders			-	0.794	-	-	-	-	-	-	-	-	-	-
3.2) Data			-	5.907	-	0.116	-	0.746	-	0.005	-	-	-	0.005
3.3) Training Equipment			-	0.000	-	-	-	-	-	-	-	-	-	-
3.4) Support Equipment			186	17.900	-	0.481	6	0.004	-	0.006	-	-	-	0.006

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Joint Helmet Mounted Cueing System (JHMCS) (OSIP 24-00) - 6

Models of Systems Affected: F/A-18 and EA-18G	Type Modification: CAPABILITY IMPROVEMENT	Related RDT&E PEs:
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
3.5) ILS	-	20.239	-	5.865	-	3.430	-	5.118	-	-	-	5.118
3.6) Other Support	-	0.000	-	-	-	-	-	-	-	-	-	-
3.7) Interim Contractor Support	-	0.000	-	-	-	-	-	-	-	-	-	-
Total Support Cost		44.840		6.462		4.180		5.129		0.000		5.129
Procurement Cost (Procurement + Support)		184.090		23.729		33.182		20.245		0.000		20.245
Total Installation Cost		22.565		9.162		7.174		6.384		0.000		6.384
Total Cost (Procurement + Support + Installation)		206.655		32.891		40.356		26.629		0.000		26.629

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
Joint Helmet Mounted Cueing System (JHMCS) (OSIP 24-00)												
A Kits												
Recurring												
1.1.1) C/D A-Kit - NonOrganic	-	-	-	-	-	-	-	-	-	-	368	34.478
1.1.2) E/F A-Kit - NonOrganic	-	-	-	-	-	-	-	-	-	-	172	16.886
1.1.3) Canopy A Kits (AYC-1321) - Organic	-	-	-	-	-	-	-	-	-	-	539	2.914
1.1.4) Ejection Seat A Kits (NACES Retrofit) - Organic	-	-	-	-	-	-	-	-	-	-	42	0.086
1.1.5) Ejection Seat A Kits (ACC-695) - Organic	-	-	-	-	-	-	-	-	-	-	438	2.439
Subtotal Recurring		0.000		0.000		0.000		0.000		0.000		56.803
NonRecurring												
1.2.1) Installation Kits N/R - Organic	-	-	-	-	-	-	-	-	-	-	-	28.283
Subtotal NonRecurring		0.000		0.000		0.000		0.000		0.000		28.283
B Kits												
Recurring												
2.1.1) C/D B-Kit - Organic	-	-	-	-	-	-	-	-	-	-	729	87.015
2.1.2) E/F B-Kit (AFC-445 F/A-18F) - Organic	-	-	-	-	-	-	-	-	-	-	303	27.534
Subtotal Recurring		0.000		0.000		0.000		0.000		0.000		114.549

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Joint Helmet Mounted Cueing System (JHMCS) (OSIP 24-00) - 6

Models of Systems Affected: F/A-18 and EA-18G	Type Modification: CAPABILITY IMPROVEMENT	Related RDT&E PEs:
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
NonRecurring												
2.2.1) Installation Equipment N/R - Organic	-	-	-	-	-	-	-	-	-	-	-	1.000
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		1.000
<i>Total, Joint Helmet Mounted Cueing System (JHMCS) (OSIP 24-00)</i>	-	-	-	-	-	-	-	-	-	-	2,591	200.635
<i>Total, All Modifications</i>		0.000		0.000		0.000		0.000		0.000		200.635
Support												
3.1) Engineering Change Orders	-	-	-	-	-	-	-	-	-	-	-	0.794
3.2) Data	-	0.005	-	0.005	-	-	-	-	-	-	-	6.784
3.3) Training Equipment	-	-	-	-	-	-	-	-	-	-	-	-
3.4) Support Equipment	-	0.007	-	0.003	-	-	-	-	-	-	192	18.401
3.5) ILS	-	4.204	-	3.525	-	-	-	-	-	-	-	42.381
3.6) Other Support	-	-	-	-	-	-	-	-	-	-	-	-
3.7) Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		4.216		3.533		0.000		0.000		0.000		68.360
<i>Procurement Cost (Procurement + Support)</i>		4.216		3.533		0.000		0.000		0.000		268.995
<i>Total Installation Cost</i>		8.488		4.851		0.000		0.000		0.000		58.624
Total Cost (Procurement + Support + Installation)		12.704		8.384		0.000		0.000		0.000		327.619

Remarks:

Manufacturer Information: Joint Helmet Mounted Cueing System (JHMCS) (OSIP 24-00)

Manufacturer Name: C/D and E/F A-kits Manufacturer Location: N/A

Administrative Leadtime (in Months): 4 Production Leadtime (in Months): 21

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates	Feb 2011	Feb 2012	Feb 2013				
Delivery Dates	Nov 2012	Nov 2013	Nov 2014				

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Joint Helmet Mounted Cueing System (JHMCS) (OSIP 24-00) - 6

Models of Systems Affected: F/A-18 and EA-18G	Type Modification: CAPABILITY IMPROVEMENT	Related RDT&E PEs:
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Installation: Joint Helmet Mounted Cueing System (JHMCS) (OSIP 24-00)	Method of Implementation: Field Mod Teams	Installation Name: Joint Helmet Mounted Cueing System
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	256	22.565	51	9.162	63	7.174	9	1.026	0	0.000	9	1.026
FY 2011	-	-	-	-	-	-	47	5.358	0	0.000	47	5.358
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	256	22.565	51	9.162	63	7.174	56	6.384	0	0.000	56	6.384

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	379	39.927
FY 2011	17	1.982	-	-	-	-	-	-	-	-	64	7.340
FY 2012	56	6.506	16	1.888	-	-	-	-	-	-	72	8.394
FY 2013	-	-	25	2.963	-	-	-	-	-	-	25	2.963
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	73	8.488	41	4.851	-	-	-	-	-	-	540	58.624

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Joint Helmet Mounted Cueing System (JHMCS) (OSIP 24-00) - 6

Models of Systems Affected: F/A-18 and EA-18G	Type Modification: CAPABILITY IMPROVEMENT	Related RDT&E PEs:
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Installation: Joint Helmet Mounted Cueing System (JHMCS) (OSIP 24-00)	Method of Implementation: Field Mod Teams	Installation Name: Joint Helmet Mounted Cueing System
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Installation Schedule																																
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot	
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4			
In	256	13	13	12	13	15	15	17	16	20	13	12	11	15	14	23	21	8	8	13	12	-	-	-	-	-	-	-	-	-	-	540
Out	256	13	13	12	13	15	15	17	16	20	13	12	11	15	14	23	21	8	8	13	12	-	-	-	-	-	-	-	-	-	-	540

Installation: Joint Helmet Mounted Cueing System (JHMCS) (OSIP 24-00)	Method of Implementation: Not Installed - Canopy A Kits (AYC-1321)	Installation Quantity: 539
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Installation: Joint Helmet Mounted Cueing System (JHMCS) (OSIP 24-00)	Method of Implementation: Not Installed - Ejection Seat A Kits (NACES Retrofit)	Installation Quantity: 42
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Installation: Joint Helmet Mounted Cueing System (JHMCS) (OSIP 24-00)	Method of Implementation: Not Installed - Ejection Seat A Kits (ACC-695)	Installation Quantity: 438
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Installation: Joint Helmet Mounted Cueing System (JHMCS) (OSIP 24-00)	Method of Implementation: Not Installed - C/D B-Kit	Installation Quantity: 729
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Installation: Joint Helmet Mounted Cueing System (JHMCS) (OSIP 24-00)	Method of Implementation: Not Installed - E/F B-Kit (AFC-445 F/A-18F)	Installation Quantity: 303
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Installation: Joint Helmet Mounted Cueing System (JHMCS) (OSIP 24-00)	Method of Implementation: Not Installed - Support Equipment	Installation Quantity: 192
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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature <i>(Modification Title, Modification Number):</i> Advanced Targeting Forward Looking Infrared (ATFLIR) (OSIP 12-01) - 7

Models of Systems Affected: F/A-18A+/C/D/E/F **Type Modification:** CAPABILITY IMPROVEMENTS **Related RDT&E PEs:**

Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	749.023	14.850	51.940	5.578	41.243	46.821	6.710	5.865	5.332	0.000	0.000	880.541
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	749.023	14.850	51.940	5.578	41.243	46.821	6.710	5.865	5.332	0.000	0.000	880.541
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	749.023	14.850	51.940	5.578	41.243	46.821	6.710	5.865	5.332	0.000	0.000	880.541

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

DESCRIPTION/JUSTIFICATION:

The Advanced Targeting Forward Looking Infrared (ATFLIR) (ORD# 700-88-06) will provide the F/A-18A+/C/D/E/F with an enhanced capability to detect, track and attack air and ground targets. Laser guided and global positioning system (GPS) standoff weapon systems with greater standoff ranges require improved performance over second generation targeting pods. The ATFLIR currently utilizes the third generation of FLIR technology and provides a quantum leap in operational effectiveness to fully support the standoff precision strike mission. This OSIP is used to perform efforts to address parts obsolescence and to examine and incorporate potential ATFLIR-related capability upgrades associated with Network Centric Operations, interoperability requirements, upgraded targeting capability requirements, and FRP Operational Test Program Sets (ECP 6375).

FY 2012 Overseas Contingency Operations (OCO) request procures ATFLIR-ROVER Data Link A and P Kits, installation labor, and associated ILS for 4 Air Wings or approximately 176 F/A-18 aircraft. This eye in the sky capability saves lives by enabling convoys to avoid Improvised Explosive Devices (IEDs) and ambushes, and reduces fratricide by increasing situational awareness for airborne and ground forces. It shortens kill chain timelines by speeding up target identification and reducing communications.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES:

ATFLIR development began in FY1997. OPEVAL testing was completed in June 2003 and the Operational Evaluation (OPEVAL) report was issued 4 September 2003. Full Rate Production approval was given in October 2003. Navigational forward looking Infra-Red (NAVFLIR) capability was removed from the system in December 2003.

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Exhibit P-3A, Individual Modification: PB 2013 Navy								Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0525 - F-18 Series				Modification Nomenclature (<i>Modification Title, Modification Number</i>): Advanced Targeting Forward Looking Infrared (ATFLIR) (OSIP 12-01) - 7					
Models of Systems Affected: F/A-18A+/C/D/E/F				Type Modification: CAPABILITY IMPROVEMENTS				Related RDT&E PEs:					
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
Advanced Targeting Forward Looking Infrared (ATFLIR) (OSIP 12-01)													
A Kits													
Recurring													
1.1.1) A-Kit (ARDL Datalink) - NonOrganic	945	11.443	444	3.839	-	-	-	-	-	-	-	-	
1.1.2) ARDL RDC Datalink - OCO - Organic	-	-	-	-	176	2.250	-	-	-	-	-	-	
<i>Subtotal Recurring</i>		11.443		3.839		2.250		0.000		0.000		0.000	
NonRecurring													
1.2.1) Installation Kits N/R - Organic	-	6.565	-	-	-	-	-	-	-	-	-	-	
<i>Subtotal NonRecurring</i>		6.565		0.000		0.000		0.000		0.000		0.000	
B Kits													
Recurring													
2.1.1) ATFLIR Pods C/D ("O" Level) - Organic	187	411.626	-	-	-	-	-	-	-	-	-	-	
2.1.2) ATFLIR PAU C/D - Organic	-	1.300	-	-	-	-	-	-	-	-	-	-	
2.1.3) ATFLIR Pods E/F ("O" Level) - Organic	-	0.542	-	-	-	-	-	-	-	-	-	-	
2.1.4) ARDL RDC Datalink - Organic	145	2.828	-	-	-	-	-	-	-	-	-	-	
2.1.5) ARDL RDC Datalink (C/D) - Organic	94	2.529	-	-	-	-	-	-	-	-	-	-	
2.1.6) ARDL RDC Datalink (E/F) - Organic	93	2.529	-	-	-	-	-	-	-	-	-	-	
2.1.7) IR Marker - OCO - Organic	-	-	-	-	50	8.000	-	-	185	40.477	185	40.477	
2.1.8) ARDL RDC Datalink(C/D) - OCO - Organic	-	-	39	1.602	72	2.950	-	-	-	-	-	-	
2.1.9) ARDL RDC Datalink(E/F) - OCO - Organic	-	-	39	1.602	72	2.950	-	-	-	-	-	-	
2.1.10) ATFLIR EOSU ECP10 - RTOC - NonOrganic	-	-	-	-	35	1.125	71	2.508	-	-	71	2.508	
2.1.11) Pod Data Link (Ku) (To ECP-0035) - Organic	-	3.836	-	-	278	30.000	-	-	-	-	-	-	
<i>Subtotal Recurring</i>		425.190		3.204		45.025		2.508		40.477		42.985	
NonRecurring													
2.2.1) Installation Equipment N/R - Organic	-	65.371	-	-	-	2.658	-	-	-	-	-	-	
<i>Subtotal NonRecurring</i>		65.371		0.000		2.658		0.000		0.000		0.000	

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Exhibit P-3A, Individual Modification: PB 2013 Navy										Date: February 2012				
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1					P-1 Line Item Nomenclature: 0525 - F-18 Series					Modification Nomenclature (<i>Modification Title, Modification Number</i>): Advanced Targeting Forward Looking Infrared (ATFLIR) (OSIP 12-01) - 7				
Models of Systems Affected: F/A-18A+/C/D/E/F					Type Modification: CAPABILITY IMPROVEMENTS					Related RDT&E PEs:				
Financial Plan			Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
			Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
<i>Total, Advanced Targeting Forward Looking Infrared (ATFLIR) (OSIP 12-01)</i>			1,464	508.569	522	7.043	683	49.933	71	2.508	185	40.477	256	42.985
<i>Total, All Modifications</i>				508.569		7.043		49.933		2.508		40.477		42.985
Support														
3.1) Engineering Change Orders			-	94.873	-	0.298	-	-	-	-	-	-	-	-
3.2) Data			-	8.410	-	-	-	0.150	-	-	-	-	-	-
3.3) Training Equipment			-	3.408	-	-	-	-	-	-	-	-	-	-
3.4) Support Equipment			-	65.192	-	0.451	-	-	-	-	-	-	-	-
3.5) ILS			-	63.594	-	3.051	-	-	-	-	-	-	-	-
3.6) Other Support			-	4.264	-	2.957	-	1.227	-	0.704	-	0.766	-	1.470
3.7) Interim Contractor Support			-	0.000	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>				239.741		6.757		1.377		0.704		0.766		1.470
<i>Procurement Cost (Procurement + Support)</i>				748.310		13.800		51.310		3.212		41.243		44.455
<i>Total Installation Cost</i>				0.713		1.050		0.630		2.366		0.000		2.366
Total Cost (Procurement + Support + Installation)				749.023		14.850		51.940		5.578		41.243		46.821
Financial Plan			FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
			Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement														
Advanced Targeting Forward Looking Infrared (ATFLIR) (OSIP 12-01)														
A Kits														
Recurring														
1.1.1) A-Kit (ARDL Datalink) - NonOrganic			-	-	-	-	-	-	-	-	-	-	1,389	15.282
1.1.2) ARDL RDC Datalink - OCO - Organic			-	-	-	-	-	-	-	-	-	-	176	2.250
<i>Subtotal Recurring</i>				0.000		0.000		0.000		0.000		0.000		17.532
NonRecurring														
1.2.1) Installation Kits N/R - Organic			-	-	-	-	-	-	-	-	-	-	-	6.565
<i>Subtotal NonRecurring</i>				0.000		0.000		0.000		0.000		0.000		6.565

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Exhibit P-3A, Individual Modification: PB 2013 Navy										Date: February 2012				
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1					P-1 Line Item Nomenclature: 0525 - F-18 Series					Modification Nomenclature (<i>Modification Title, Modification Number</i>): Advanced Targeting Forward Looking Infrared (ATFLIR) (OSIP 12-01) - 7				
Models of Systems Affected: F/A-18A+/C/D/E/F					Type Modification: CAPABILITY IMPROVEMENTS					Related RDT&E PEs:				
Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total			
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)		
B Kits														
Recurring														
2.1.1) ATFLIR Pods C/D ("O" Level) - Organic	-	-	-	-	-	-	-	-	-	-	187	411.626		
2.1.2) ATFLIR PAU C/D - Organic	-	-	-	-	-	-	-	-	-	-	-	1.300		
2.1.3) ATFLIR Pods E/F ("O" Level) - Organic	-	-	-	-	-	-	-	-	-	-	-	0.542		
2.1.4) ARDL RDC Datalink - Organic	-	-	-	-	-	-	-	-	-	-	145	2.828		
2.1.5) ARDL RDC Datalink (C/D) - Organic	-	-	-	-	-	-	-	-	-	-	94	2.529		
2.1.6) ARDL RDC Datalink (E/F) - Organic	-	-	-	-	-	-	-	-	-	-	93	2.529		
2.1.7) IR Marker - OCO - Organic	-	-	-	-	-	-	-	-	-	-	235	48.477		
2.1.8) ARDL RDC Datalink(C/D) - OCO - Organic	-	-	-	-	-	-	-	-	-	-	111	4.552		
2.1.9) ARDL RDC Datalink(E/F) - OCO - Organic	-	-	-	-	-	-	-	-	-	-	111	4.552		
2.1.10) ATFLIR EOSU ECP10 - RTOC - NonOrganic	76	2.670	66	2.310	66	2.310	-	-	-	-	314	10.923		
2.1.11) Pod Data Link (Ku) (To ECP-0035) - Organic	-	-	-	-	-	-	-	-	-	-	278	33.836		
<i>Subtotal Recurring</i>		2.670		2.310		2.310		0.000		0.000		523.694		
NonRecurring														
2.2.1) Installation Equipment N/R - Organic	-	-	-	-	-	-	-	-	-	-	-	68.029		
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		68.029		
<i>Total, Advanced Targeting Forward Looking Infrared (ATFLIR) (OSIP 12-01)</i>	76	2.670	66	2.310	66	2.310	-	-	-	-	3,133	615.820		
<i>Total, All Modifications</i>		2.670		2.310		2.310		0.000		0.000		615.820		
Support														
3.1) Engineering Change Orders	-	-	-	-	-	-	-	-	-	-	-	95.171		
3.2) Data	-	-	-	-	-	-	-	-	-	-	-	8.560		
3.3) Training Equipment	-	-	-	-	-	-	-	-	-	-	-	3.408		
3.4) Support Equipment	-	-	-	-	-	-	-	-	-	-	-	65.643		
3.5) ILS	-	-	-	-	-	-	-	-	-	-	-	66.645		
3.6) Other Support	-	2.708	-	2.367	-	1.827	-	-	-	-	-	16.820		
3.7) Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	-		

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Advanced Targeting Forward Looking Infrared (ATFLIR) (OSIP 12-01) - 7

Models of Systems Affected: F/A-18A+/C/D/E/F	Type Modification: CAPABILITY IMPROVEMENTS	Related RDT&E PEs:										
Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
<i>Total Support Cost</i>		2.708		2.367		1.827		0.000		0.000		256.247
<i>Procurement Cost (Procurement + Support)</i>		5.378		4.677		4.137		0.000		0.000		872.067
<i>Total Installation Cost</i>		1.332		1.188		1.195		0.000		0.000		8.474
Total Cost (Procurement + Support + Installation)		6.710		5.865		5.332		0.000		0.000		880.541

Remarks:

Manufacturer Information: Advanced Targeting Forward Looking Infrared (ATFLIR) (OSIP 12-01)

Manufacturer Name: ARDL				Manufacturer Location: N/A			
Administrative Leadtime (in Months): 10				Production Leadtime (in Months): 18			
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates	Jul 2011						
Delivery Dates	Dec 2012						
Manufacturer Name: ATFLIR EOSU ECP 10				Manufacturer Location: N/A			
Administrative Leadtime (in Months): 3				Production Leadtime (in Months): 5			
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates		Dec 2011	Dec 2012	Dec 2013			
Delivery Dates		May 2012	May 2013	May 2014			

Installation: Advanced Targeting Forward Looking Infrared (ATFLIR) (OSIP 12-01)

Method of Implementation: Depot		Installation Name: A-Kit (ARDL Datalink)										
Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	391	0.713	554	1.050	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	444	1.106	0	0.000	444	1.106
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Advanced Targeting Forward Looking Infrared (ATFLIR) (OSIP 12-01) - 7

Models of Systems Affected: F/A-18A+/C/D/E/F	Type Modification: CAPABILITY IMPROVEMENTS	Related RDT&E PEs:
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Installation: Advanced Targeting Forward Looking Infrared (ATFLIR) (OSIP 12-01)	Method of Implementation: Depot	Installation Name: A-Kit (ARDL Datalink)
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	391	0.713	554	1.050	-	-	444	1.106	0	0.000	444	1.106

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	945	1.763
FY 2011	-	-	-	-	-	-	-	-	-	-	444	1.106
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	1,389	2.869

Installation Schedule																																
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot	
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4			
In	391	139	139	138	138	-	-	-	-	-	148	148	148	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,389
Out	391	139	139	138	138	-	-	-	-	-	148	148	148	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,389

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Advanced Targeting Forward Looking Infrared (ATFLIR) (OSIP 12-01) - 7

Models of Systems Affected: F/A-18A+/C/D/E/F	Type Modification: CAPABILITY IMPROVEMENTS	Related RDT&E PEs:
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Installation: Advanced Targeting Forward Looking Infrared (ATFLIR) (OSIP 12-01)	Method of Implementation: Contractor and Depot	Installation Name: ATFLIR EOSU ECP10 - RTOC
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	35	0.630	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	71	1.260	0	0.000	71	1.260
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	35	0.630	71	1.260	0	0.000	71	1.260

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	35	0.630
FY 2013	-	-	-	-	-	-	-	-	-	-	71	1.260
FY 2014	76	1.332	-	-	-	-	-	-	-	-	76	1.332
FY 2015	-	-	66	1.188	-	-	-	-	-	-	66	1.188
FY 2016	-	-	-	-	66	1.195	-	-	-	-	66	1.195
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	76	1.332	66	1.188	66	1.195	-	-	-	-	314	5.605

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Exhibit P-3A, Individual Modification: PB 2013 Navy																							Date: February 2012								
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1										P-1 Line Item Nomenclature: 0525 - F-18 Series										Modification Nomenclature (<i>Modification Title, Modification Number</i>): Advanced Targeting Forward Looking Infrared (ATFLIR) (OSIP 12-01) - 7											
Models of Systems Affected: F/A-18A+/C/D/E/F										Type Modification: CAPABILITY IMPROVEMENTS										Related RDT&E PEs:											
Installation: Advanced Targeting Forward Looking Infrared (ATFLIR) (OSIP 12-01)										Method of Implementation: Contractor and Depot										Installation Name: ATFLIR EOSU ECP10 - RTOC											
Installation Schedule																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	-	-	-	18	17	-	-	36	35	-	-	38	38	-	-	33	33	-	-	33	33	-	-	-	-	-	314
Out	-	-	-	-	-	-	-	18	17	-	-	36	35	-	-	38	38	-	-	33	33	-	-	33	33	-	-	-	-	-	314
Installation: Advanced Targeting Forward Looking Infrared (ATFLIR) (OSIP 12-01)										Method of Implementation: Not Installed - ARDL RDC Datalink - OCO										Installation Quantity: 176											
Installation: Advanced Targeting Forward Looking Infrared (ATFLIR) (OSIP 12-01)										Method of Implementation: Not Installed - ATFLIR Pods C/D ("O" Level)										Installation Quantity: 187											
Installation: Advanced Targeting Forward Looking Infrared (ATFLIR) (OSIP 12-01)										Method of Implementation: Not Installed - ARDL RDC Datalink										Installation Quantity: 145											
Installation: Advanced Targeting Forward Looking Infrared (ATFLIR) (OSIP 12-01)										Method of Implementation: Not Installed - ARDL RDC Datalink (C/ D)										Installation Quantity: 94											
Installation: Advanced Targeting Forward Looking Infrared (ATFLIR) (OSIP 12-01)										Method of Implementation: Not Installed - ARDL RDC Datalink (E/ F)										Installation Quantity: 93											
Installation: Advanced Targeting Forward Looking Infrared (ATFLIR) (OSIP 12-01)										Method of Implementation: Not Installed - IR Marker - OCO										Installation Quantity: 235											
Installation: Advanced Targeting Forward Looking Infrared (ATFLIR) (OSIP 12-01)										Method of Implementation: Not Installed - ARDL RDC Datalink(C/D) - OCO										Installation Quantity: 111											
Installation: Advanced Targeting Forward Looking Infrared (ATFLIR) (OSIP 12-01)										Method of Implementation: Not Installed - ARDL RDC Datalink(E/F) - OCO										Installation Quantity: 111											
Installation: Advanced Targeting Forward Looking Infrared (ATFLIR) (OSIP 12-01)										Method of Implementation: Not Installed - Pod Data Link (Ku) (To ECP-0035)										Installation Quantity: 278											

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): F/A-18C/D/E/F and EA-18G Training System (OSIP 006-02) - 8

Models of Systems Affected: F/A-18C/D/E/F and EA-18G	Type Modification: TRAINERS UPGRADE	Related RDT&E PEs:
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	107.276	9.121	12.620	11.683	0.000	11.683	27.767	24.366	36.434	32.986	355.942	618.195
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	107.276	9.121	12.620	11.683	0.000	11.683	27.767	24.366	36.434	32.986	355.942	618.195
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	107.276	9.121	12.620	11.683	0.000	11.683	27.767	24.366	36.434	32.986	355.942	618.195

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

DESCRIPTION/JUSTIFICATION:

F/A-18C/D/E/F and EA-18G training funds will be used to meet current Fleet Readiness Squadron (FRS) and Fleet Training and Readiness (T&R) requirements by purchasing new components and software to prevent obsolescence of the various trainers as F/A-18C/D/E/F and EA-18G aircraft are modified for capability enhancement and service life extension. Funding will also be used to update courseware and Computer Based Training (CBT) as new capabilities are introduced to the fleet, and will enable the fleet to institute an aggressive post-FRS training environment to bring F/A-18C/D/E/F and EA-18G trainers into High Level Architecture/Navy Aviation Simulator Master Plan (HLA/NASMP) compliance and incorporate the Next Generation Threat System (NGTS).

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): F/A-18C/D/E/F and EA-18G Training System (OSIP 006-02) - 8

Models of Systems Affected: F/A-18C/D/E/F and EA-18G	Type Modification: TRAINERS UPGRADE	Related RDT&E PEs:
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
[Missing Data - No Procurement Cost Elements Entered Yet]												
B Kits												
Recurring												
[Missing Data - No Procurement Cost Elements Entered Yet]	-	-	0	0.000	-	-	-	-	-	-	-	-
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		0.000
<i>Total, [Missing Data - No Procurement Cost Elements Entered Yet]</i>	-	-	0	0.000	-	-	-	-	-	-	-	-
<i>Total, All Modifications</i>		0.000		0.000		0.000		0.000		0.000		0.000
Support												
3.1) Engineering Change Orders	-	0.000	-	-	-	-	-	-	-	-	-	-
3.2) Data	-	0.000	-	-	-	-	-	-	-	-	-	-
3.3) Training Equipment	-	107.276	-	9.121	-	12.620	-	11.131	-	-	-	11.131
3.4) Support Equipment	-	0.000	-	-	-	-	-	-	-	-	-	-
3.5) ILS	-	0.000	-	-	-	-	-	-	-	-	-	-
3.6) Other Support	-	-	-	-	-	-	-	0.552	-	-	-	0.552
3.7) Interim Contractor Support	-	0.000	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		107.276		9.121		12.620		11.683		0.000		11.683
<i>Procurement Cost (Procurement + Support)</i>		107.276		9.121		12.620		11.683		0.000		11.683
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		107.276		9.121		12.620		11.683		0.000		11.683

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
[Missing Data - No Procurement Cost Elements Entered Yet]												
B Kits												
Recurring												

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): F/A-18C/D/E/F and EA-18G Training System (OSIP 006-02) - 8

Models of Systems Affected: F/A-18C/D/E/F and EA-18G	Type Modification: TRAINERS UPGRADE	Related RDT&E PEs:
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
[Missing Data - No Procurement Cost Elements Entered Yet]	-	-	-	-	-	-	-	-	-	-	0	0.000
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		0.000
<i>Total, [Missing Data - No Procurement Cost Elements Entered Yet]</i>	-	-	-	-	-	-	-	-	-	-	0	0.000
<i>Total, All Modifications</i>		0.000		0.000		0.000		0.000		0.000		0.000
Support												
3.1) Engineering Change Orders	-	-	-	-	-	-	-	-	-	-	-	-
3.2) Data	-	-	-	-	-	-	-	-	-	-	-	-
3.3) Training Equipment	-	26.878	-	23.519	-	35.296	-	31.896	-	342.600	-	600.337
3.4) Support Equipment	-	-	-	-	-	-	-	-	-	-	-	-
3.5) ILS	-	-	-	-	-	-	-	-	-	-	-	-
3.6) Other Support	-	0.889	-	0.847	-	1.138	-	1.090	-	13.342	-	17.858
3.7) Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		27.767		24.366		36.434		32.986		355.942		618.195
<i>Procurement Cost (Procurement + Support)</i>		27.767		24.366		36.434		32.986		355.942		618.195
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		27.767		24.366		36.434		32.986		355.942		618.195

Remarks:

Manufacturer Information: [Missing Data - No Procurement Cost Elements Entered Yet]	
Manufacturer Name: [Missing Data - No Procurement Cost Elements Entered Yet]	Manufacturer Location: [Missing Data - No Procurement Cost Elements Entered Yet]
Administrative Leadtime (in Months):	Production Leadtime (in Months):

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates							
Delivery Dates							

Installation: [Missing Data - No Procurement Cost Elements Entered Yet]	Method of Implementation: [Missing Data - No Procurement Cost Elements Entered Yet]	Installation Quantity: 0
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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03) - 9

Models of Systems Affected: F/A-18 E/F & EA-18G	Type Modification: SAFETY /RELIABILITY/ IMPROVEMENT	Related RDT&E PEs:
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	239.140	40.897	49.042	115.354	0.000	115.354	166.360	180.757	152.758	216.892	202.599	1,363.799
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	239.140	40.897	49.042	115.354	0.000	115.354	166.360	180.757	152.758	216.892	202.599	1,363.799
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	239.140	40.897	49.042	115.354	0.000	115.354	166.360	180.757	152.758	216.892	202.599	1,363.799

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

DESCRIPTION/JUSTIFICATION:

Corrections to discrepancies discovered during testing and development can sometimes be incorporated into production aircraft, effective with the physical configuration audit which establishes the product baseline of the aircraft. However, when this cannot be done due to time constraints, retrofit of the changes into already delivered aircraft requires funding through the Aircraft Modification Program. Corrections to the following items/conditions are required to meet CNAF directed transitions as promulgated in the current Master Aviation Plan. This OSIP will correct operational discrepancies discovered during testing and evaluations and during fleet operations and modify, improve, retrofit, and restore aircraft structural safety and reliability to designed full life limits. Modifications are to include: Air Frame Structural Upgrades, such as Flight Controls Surfaces, Forward Fuselage, Aft Fuselage, Inner/Outer Wing, Critical Structures; and Aircraft Subsystem Upgrades, such as Electrical, Hydraulic, Environmental Control Systems (ECS), Fuel, Launch & Recovery, Critical Structures, Mechanical, Secondary Power, and other sustainment activities.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: Each change has been or will be tested prior to installation in the F/A-18E/F and EA-18G.

- AFT Fuselage Outbd Former Fwd Flange @ Y645, (ECP-6088) Repair former by adding a doubler to bring it back to original specification
- AFT Fan Shutoff Valve, (ECP-6199) Modify the Aft Fan with an Improved Shut-Off Valve
- AN/APN-194 (RADAR Altimeter) Mounting Tray Modification Step 2, (ECP-6313) Drill hole in door to allow escape of moisture accumulation in order to prevent corrosion of the antenna
- Leading Edge Extension (LEX) Lower Surface/Structure Cracks Redesign, (ECP-6193R1/R2) Modifies LEX structure to prevent cracks induced from aerodynamic loads
- MLG Outboard Tire Door Clevis, (ECP-6145) Redesign clevis to eliminate cracking imparted during gear cycling
- FT50 Teardown Bulkhead Cracking, (ECP-XX12) Modifies bulkhead to prevent cracking discovered during FT50 testing
- FT50 Fuel Barrier Web at Y510, (ECP-6326) Retrofit redesign of the Fuel Barrier Web at Y510 resulting from cracks discovered during FT50 fatigue test article
- FT50 18K Fuselage Outboard Former at Y645 Failure (ECP-6229) This ECP describes the effort to redesign the Fuselage Outboard Former Y645 resulting from cracks that were discovered during inspections conducted following the third lifetime of testing on the FT50 fatigue test article
- ECS Ejector Cracks, (ECP-6255) Modify ECS ejector to prevent cracks from being induced
- ECS Cooling Duct Grounding Strap, (ECP-6209) Add a grounding strap to prevent accidental static discharge to an aircraft maintainer
- FT50 18K Y577 Former Redesign, (ECP-6303R1) This ECP describes the effort to redesign the Y577 Former resulting from cracks that were discovered during inspections conducted following the third lifetime of testing on the FT50 fatigue test article

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature <i>(Modification Title, Modification Number):</i> E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03) - 9
Models of Systems Affected: F/A-18 E/F & EA-18G	Type Modification: SAFETY /RELIABILITY/ IMPROVEMENT	Related RDT&E PEs:
<p>FT50 18K Web and Wing Drag Longeron Redesign, (ECP-6304R1) This ECP describes the effort to redesign the Web and Wing Drag Longeron resulting from cracks that were discovered during inspections conducted following the third lifetime of testing on the FT50 fatigue test article</p> <p>FT50 18K Y618 Inboard Former (74A342314) Redesign, (ECP-6306R1) This ECP describes the effort to redesign the Y618 Inboard Former resulting from cracks that were discovered during inspections conducted following the third lifetime of testing on the FT50 fatigue test article</p> <p>TEF Redesign (ECP-6213R2) New design of TEF with the majority of the current cocure replaced with a honeycomb based aluminum bond assembly</p> <p>Hydraulics Components Improvement, (ECP-XX33) To improve reliability of the Hydraulic components failures</p> <p>Warm Air Duct Deflections retrofit modline, (ECP-6308) Correction of Warm Air Duct Deflections</p> <p>Hornet Feather (Vane) Wear PAD Retention System Redesign, (ECP-6075) To redesign the Hornet Feather Wear Pad Retention System. The Hornet Feather pads have caused excessive wear of the engines afterburner ring on flight test a/c</p> <p>Inlet Nacelle Bleed Plate Crack, (ECP-6227C1) Cracks have been found on the Inlet Nacelle Bleed Plate caused by acoustic fatigue</p> <p>Throttle Electronics Module Seal Improvement, (ECP-6228) The throttle module sealing improvement adds various seals to the throttle electronics module to permanently prevent water intrusion into the box</p> <p>Inadequate Clearance b/w APU Surge Control Valve and Y568 Support, (ECP-6238) Redesign the 74A328283 ECS Floor Support so that adequate clearance exists between the APU Surge Control Valve and the ECS Floor Support to meet specification clearance requirements</p> <p>FT50 18k Fuselage Outboard Former @ Y679 Failure, (ECP-6239R1) To redesign the web of the aft fuselage outboard former at Y679 resulting from cracks that were discovered during inspections conducted following the third lifetime of testing on the FT50 fatigue test article</p> <p>FT50 18K MLG Sidebrace Fitting Failure, (ECP-6240R1) To redesign the LHS MLG Sidebrace/Retract Actuator Fitting resulting from cracks that were discovered during inspections conducted following the third lifetime of testing on the FT50 fatigue test article.</p> <p>FT50 18K Y491 Bulkhead Redesign, (ECP-6260) Cracks were found on the Y491 Bulkhead during the FT-50 Teardown. The cracks were located at the access hole at Z100 and the keel web attachment.</p> <p>FT50 Y436 BULKHEAD LIFE LIMIT, (ECP-6264) During tear down of the FT-50 test article cracks were found on the Y436 Center Bulkhead (74A325203 -2005) at the attachment of the dorsal deck stiffener on both the LH and RH side. Test Correlation analysis indicates the Safe Life is 3400 SFH.</p> <p>FT76 Aft Windshield Attach Bolt Life Limit, (ECP-6269) Failure analysis performed on a crack on the LH Aft Windshield Attach Bolt has determined that this bolt does not meet full life requirements</p> <p>MLG Wheel Well Drainage, (ECP-6280) Water retention in the recesses of the trailing edge casting common to the L/RHS Strut Doors</p> <p>FT77 Lower Wing Skin Splice Fitting Life Limit, (ECP-6285C1) Failure analysis of a drain hole crack in the Wing Lower Splice Fitting discovered during teardown of the FT77 Test Article, has determined that it does not meet the 6000 hour specification requirement</p> <p>Low Speed Loss of Normal Brakes with Anti-Skid On, (ECP-6286) The aircraft specification requires that the brake control system shall provide a means of controlling brake pressure on all landing surfaces on which the aircraft is designed to operate.</p> <p>FT50 18K Access Panel Edge Stiffener Redesign, (ECP-6293) Cracks were found on the door edge stiffener at Y524 during the FT-50 Teardown. Test Correlation analysis indicates the Safe Life is 4500 SFH</p> <p>FT77 Trailing Edge Flap Actuator Rib Life Limit, (ECP-6294) Failure analysis of a fastener hole crack in the TEF Actuator Fitting discovered during teardown of the FT77 Test Article, has determined that it does not meet the 6000 hour service life</p> <p>Inadequate Clearance Between APU SCV and Structure, (ECP-6211) Correct chafing condition between aircraft structural material and the APU SCV to prevent damage to the aircraft structure</p> <p>FT50 Y591 BULKHEAD AT SIDE LONGERON LIFE LIMIT (ECP-6287) Cracks were found on the Y591 Bulkhead (74A328312) during the FT-50 Teardown. The Y591 Bulkhead is a Maintenance Critical part.</p> <p>DOORs 37, 307, AND 124 DRAINAGE ISSUES, (ECP-6301) Modification to correct door failures</p> <p>FT50 STRUCTURAL RELATED ISSUES (ECP-XX45) To Correct A/C Fatigue related discrepancies as a result of FT-50 remaining issues</p> <p>CRU-99/A Solid-State Oxygen Monitor (SSOM) (ECP-590) Safety ECP Safety improvement to the OBOGS oxygen system, providing an additional monitoring capabilities against Hypoxia resulting in safer flight operation.</p> <p>Y618 INBRD Former near Keel Longeron Arresting Load, (ECP-6325) Modifies Y618 Former to prevent cracking</p> <p>FT78 Flight Control Failures, (ECP-XX47) To correct flight control failures discovered during FT78</p> <p>Tank 3 Bladder, Floor Foam and Backing Board (ECP-6018) This ECP identifies the effort to increase usable fuel and decrease trapped/unusable fuel in Tank #3 by revising the shape of the Tank Floor Foam, Backing Board & Fuel Cell</p> <p>Nacelle Outboard Bleed Drainage (ECP-6172) To prevent water entrapment in the area of the Nacelle structure</p>		

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature <i>(Modification Title, Modification Number):</i> E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03) - 9
Models of Systems Affected: F/A-18 E/F & EA-18G	Type Modification: SAFETY /RELIABILITY/ IMPROVEMENT	Related RDT&E PEs:
<p>Outer Wing Rib Cracks (ECP-6187) To incorporate a full-life rib into LRIP 1, 2 and 3, and FRP1 aircraft</p> <p>Engine Bay Door Strut Redesign (ECP-6089R1) This ECP corrects the open forward engine bay door clearance problem with the ground during lateral engine remove and replace as required by the detail specification</p> <p>FT50 18K Fuel Floor Longerons at Y436 Redesign, (ECP-6305R1) To redesign the Fuel Floor Longerons resulting from cracks that were discovered during inspections conducted following the third lifetime of testing on the FT50 fatigue test article</p> <p>FT77 Retrofit ECP for the Outer Wing, (ECP-6309) The correct structural discrepancies in the outer wing area</p> <p>FT77 Inner Wing Kick Rib, (ECP-6311) This is to correct cracks discovered on the FT77 Test Article Analysis initially indicated a Safe life of 4700 SFH in the Inner Wing Kick Rib</p> <p>Secondary Regulator Bay Vent Line Modification, (ECP-6336) New vent line routing to avoid possible overheating condition in the center keel area</p> <p>Vertical Tail Rudder Hinge Fairing Fastener Improvements, (ECP-6337) Design change to the fasteners mating the fairings to the intermediate support/stiffening brackets. This change involves changing the 5/32" diameter TiCb rivets to 3/16" diameter steel rivets</p> <p>Incorporation of GFE Improved Solid State Oxygen Monitoring, (ECP-6339) OEM support for incorporation of GFE Improved Solid State Oxygen Monitoring System CRU-99/P</p> <p>FT77/78 Aileron Retrofit, (ECP-6341) Failure analysis of a drain hole crack in the aileron, discovered during teardown of the FT78 has determined the safe life is 3400 hours which does not meet requirements within design specification document 565.</p> <p>External Fuel Tank Air Pressure Regulator (ETPR), (ECP-6343) Excessive leakage of the external fuel tank air pressure (ETPR) regulator, can potentially cause backpressure in the external air manifold, which in turn can interfere with refueling as identified by on-going investigation into Fleet failures</p> <p>F/A-18 E/F Missile Rib Corrosion Prevention Improvements, (ECP-6345) Corrosion has been found on the Outer Wing Panel Missile Rib. This ECP will allow coating and sealing configuration changes to improve corrosion protection on the missile rib and surrounding structure.</p> <p>Fuel Tank Wiring Retrofit Improvements, (ECP-XX48) To incorporate a longer wire harness and install restraining clamp to eliminate wire breakage.</p> <p>F/A18 NACES Improved Upper Catapult Sleeve, (ECP-9431MB) Safety ECP Retrofit improvement of the upper catapult sleeve components</p> <p>ALE-47 Structure Missing Drain Path, (ECP-6230) This modification adds a drain hole in the 74A328744 skin beneath the L/RHS ALE 47 Chaff Dispenser Bucket to prevent collection or entrapment of unwanted fluids preventing corrosion condition</p> <p>Dorsal Cover 26 Interference With Climb Vent, (ECP-6349) This ECP modifies the aircraft by adding electrical bonding to subsystem components and nutplate installation sealing in the Ctr/Aft Fuselage, additionally, modifies the aircraft by adding electrical bonding to the forward fuselage equipment shelf</p> <p>LH Aileron Servo Cylinder Pressure Tube, (ECP-6350) Modification to replace the 74A681712-1003 & 74A681732-1001 hydraulic tubes with 74A681842-1001 & 74A681843-1001 hydraulic tubes for increased tube clearance to the outer wing lower skin.</p> <p>F/A-18E/F Lower Wing Hinge Corrosion Improvements, (ECP-6353) This ECP will address severe corrosion on the outer wing outboard aileron hinge, the inner wing inboard and outboard trailing edge flap hinges by incorporating corrosion-resistant coating and sealing configuration</p> <p>NLG Drag Brace Fairing - Drain Hole, (ECP-6356) Modification to prevent the nose landing gear drag brace fairing from trapping water behind the interior stiffeners. The trapped water results in corrosion forming on the interior surfaces of the fairing. Drainage holes will be added to eliminate corrosion</p> <p>Canopy Sill Longerons at CY326.5 Inboard Flange Radius Safe Life Limit, (ECP-6358) Modification to beef up the canopy sill Longerons to prevent severing condition</p> <p>Re-Profiled and Modified NACES Backplate, (ECP-9425MB) Modification to the NACES backplate prevent cracks</p> <p>Incorporation of EA-18G Operational Flight Program (OFF) Ver.38, (ECP-6300) Modification to provide ILS elements in release of the EA-18G Flight Control Computer (FCC) Operational Flight Program (OFF) software update (V38) for F/A-18E/F</p> <p>F/A-18E/F Fuel Related Upgrade Issues, (ECP-XX50) Modification to correct discrepancies within the internal and external fuel tanks and fuel plumbing, including electrical components</p> <p>F/A-18E/F ECS Subsystem Upgrade Issues, (ECP-XX51) Modification to correct discrepancies within the ECS components and sub-component elements</p> <p>F/A-18E/F Subsystem Retrofit Upgrade Issues, (ECP-XX52) Modification to correct discrepancies in the aircraft mechanical, hydraulic, electrical, and cooling systems</p> <p>F/A-18E/F Structure Stress Corrosion Cracking Issues, (ECP-XX53) Modification to correct structural stress corrosion issues during fleet usage</p> <p>F/A-18E/F Outer Wing Panel Inboard Aileron Hinge, (ECP-XX54) Modification to replace a life limited hinge with a full live hinge</p> <p>F/A-18E/F/G Corrosion Enhancements, (ECP-6362) Inadequate water drainage provisions exist in the Outboard Leading Edge Flap, this ECP will provide the additional corrosion protection required to correct this condition.</p>		

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature <i>(Modification Title, Modification Number):</i> E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03) - 9
Models of Systems Affected: F/A-18 E/F & EA-18G	Type Modification: SAFETY /RELIABILITY/ IMPROVEMENT	Related RDT&E PEs:
<p>Outer-Wing Inboard Aileron Hinge and SPAR 4, (ECP-6366) Modification to correct cracking experienced in the fleet on Pre-CRI outer wing inboard aileron hinges do not meet the fatigue life requirements Fwd Fuslg Substructure Mod due to RH Sideskin Non-Conformance, (ECP-6363) RH side skin was laid up with non blueprint ply orientations for approximately 170 aircraft. Structural analysis shows the nonconforming skin still meets static and fatigue margins, however seven substructure locations were identified as not meeting the contractually required 6000 hour fatigue life and require retrofit modification to restore this life.</p> <p>AMAD Oil Pressure Switch, (ECP-6364) Modification to eliminate the wear characteristics resulting from the aircraft operating environment</p> <p>F/A-18 Wind Tunnel Angle of Attack Transmitter, (ECP-6370) Modification to improve supportability of the F/A-18E/F Angle of Attack Probe by providing enhanced testing on the Fleet Readiness Center - South West (FRC-SW) Wind Tunnel.</p> <p>Main Landing Gear Trunnion Bearing Rotation Redesign, (ECP-6373) Modification to redesign the MLG Trunnion Bearing Installation in which a corrosion-resistant steel (CRES) washer will be added under the Trunnion Bearing Nut</p> <p>Y233 Bulkhead Rudder / Break Pully Bracket Attachment Redesign, (ECP-6372) Bulkhead Y233.700 web thickness of machined pocket containing rudder brake cable penetrations is .080 or .060. Web thickness should be .200 (same as A thru D models). A .200 thick doubler will be added to web and rudder brake cable holes in web will be enlarged to meet spec requirements</p> <p>Main Landing Side Brace Lock Plate Redesign, (ECP-6376) Side Brace Lock Plate requires redesign to provide adequate engagement with retainer for all installation positions</p> <p>Fuselage Structure RH / NLG Door Aft Hinge Fitting Redesign, (ECP6377) The Right-hand Nose Landing Gear Door Aft Hinge Fitting does not meet service life requirements this ECP will modify the hinge fitting design to meet full life requirements.</p> <p>F/A-18 FT50 18K Y541 Former Stiffener at ECS Duct Attachment, (ECP-6378) Cracks were found on the Y541 Former at the stiffener at the ECS duct attach during the FT-50 Teardown. Test Correlation analysis indicates the Safe Life is 3000 SFH, the Y541 Former is considered a Fracture Critical part</p> <p>F/A-18E/F Ailreon Shroud Retrofit, (ECP-6379) The aileron shroud experienced a fatigue failure during fleet usage, this change incorporates improvements to assure fatigue life requirements are met</p> <p>F/A-18 Replacement of NACES Radio Beacon Actuator, (ECP-9445MB) To Incorporate a new and improved radio beacon signal in order to comply with new satellite requirements</p> <p>CO Removal from OBOGS (ECP-xxxxMB) Modification to eliminate carbon monoxide (CO) from F/A-18 On-Board Oxygen Generating Systems (OBOGS) thereby eliminating the hypemic hypoxia threat</p> <p>F/A-18 OBOGS Carbon Monoxide Modification, (ECP-XX55) Modification to eliminate carbon monoxide (CO) from F/A-18 On-Board Oxygen Generating Systems (OBOGS) thereby eliminating the hypemic hypoxia threat</p> <p>F/A-18 E/F AOA Probe Sensor Redesign Improvements, (ECP-xx56) Modification to incorporate a new and improved AoA sensors.</p> <p>F/A-18 E/F Control Surface Free Play Inspections and Wear, (ECP-xx57) Modification to eliminate horizontal STAB free play conditions.</p> <p>F/A-18 E/F Flight Test Loads Aircraft, (ECP-xx58) Modification to incorporate changes into to a new flight test loads aircraft.</p> <p>F/A-18 E/F OBOGS Catalyst Integration Modline, (ECP-xx59) Modification to add improvements to the OBOGS Catalyst Integration efforts.</p> <p>CRU-123 SSOM, (ECP-590) To incorporate a new and improved CRU-123 SSOM monitor</p> <p>Incorporation of GFE Improved SSOM, (ECP-6339) Incorporation of GFE Improved Solid State Oxygen Monitoring System CRU-123/A</p> <p>F/A-18 E/F Mod AC ECS Test Set, (ECP-1086) Incorporations to improve ECS Test Set</p> <p>F/A-18 Corp of New GFE AN/URT/140 Beacon Set, (ECP-6357) Publication Updates to The AN/URT-140, emergency radio beacon in the Navy Aircrew Common Ejection Seat (NACES) survival kit.</p> <p>NACES Ejection Seat Improv. (ECP-6367) Publication Updates to NACES Ejection Seat Improvements under (ECP-9431MB)</p> <p>F/A-18 E/F External Fuel Tank Test System (EFTTS) SE, (ECP-6385) To resolve obsolescence issues on the External Fuel Tank Test System (EFTTS) Support Equipment.</p> <p>ECP-6386 F/A-18 E/F Inner Wing TEF Shroud Hinges Bushing Migration, (ECP-6386) To correct friction loading between the pins and the bushing that exceeds the bushing side load capability.</p> <p>ECP-6388 F/A-18 E/F Outer Wing Water Drainage Provisions, (ECP-6388) To correct inadequate water drainage provisions which exist in multiple locations including the outer-wing electrical bay under Door 84.</p> <p>ECP-6394 F/A-18 E/F Horizontal STAV Gang Channel Corrosion, (ECP-6394) To correct an insufficient water drainage provisions in the Horizontal Stabs inboard bays.</p> <p>ECP-6397 F/A-18 E/F WST Drive Coupling Redesign, (ECP-6397) To continue improve the Brake system design improvements that have significantly reduced brake loss incidents in the fleet.</p> <p>ECP-6401 F/A-18 E/F FT50 Canopy Sill Longeron @ Y270 Retrofit Redesign, (ECP-6401) Retrofit redesign for the Canopy Sill Longeron @ Y270 associated with FT50.</p> <p>ECP-6402 F/A-18 E/F FT50 Y204 Bulkhead Retrofit Redesign, (ECP-6402) Retrofit efforts for the Y204 Bulkhead associated with FT50.</p> <p>ECP-6403 F/A-18 E/F FT50 X13 Keel @ Z108 Floor Attach Retrofit Redesign, (ECP-6403) Retrofit efforts for the X13 Keel @ Z108 Floor Attach associated with FT50.</p> <p>F/A-18 E/F FT50 Z90 Longeron @ Y233 Retrofit Redesign, (ECP-6404) Retrofit efforts for the Z90 Longeron @ Y233 associated with FT50.</p> <p>F/A-18 E/F FT50 Z111 Longeron @ Y326 Retrofit Redesign, (ECP-6405) Retrofit efforts for the Z111 Longeron @ Y326 associated with FT50.</p>		

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature <i>(Modification Title, Modification Number):</i> E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03) - 9
Models of Systems Affected: F/A-18 E/F & EA-18G	Type Modification: SAFETY /RELIABILITY/ IMPROVEMENT	Related RDT&E PEs:
<p>F/A-18 E/F FT50 XO Keel Lower Flange Retrofit Redesign, (ECP-6406) Retrofit efforts for the XO Keel Lower Flange associated with FT50. F/A-18 E/F FT50 LEX Closure Lower Flange Y318 Retrofit Redesign, (ECP-6407) Retrofit efforts for the LEX Closure Lower Flange Y318 associated with FT50. F/A-18 E/F FT50 Y233 Bulkhead Z90 Floor Attachment Retrofit, (ECP-6408) Retrofit efforts for the Y233 Bulkhead Z90 Floor Attachment associated with FT50. F/A-18 E/F FT50 Inner-Wing Panel Skin off Retrofit, (ECP-6409) Retrofit efforts for the Inner-Wing Panel Skin off. F/A-18 E/F FT50 Inner-Wing SPAR 6 Lower Web Lug @ Inboard Closure Rib, (ECP-6410) Retrofit efforts for the Inner-Wing SPAR 6 Lower Web Lug @ Inboard Closure Rib. F/A-18 E/F FT50 Inner-Wing Upper Splice Fitting @ Aft Fastner Skin on Retrofit, (ECP-6411) Retrofit efforts for the Inner-Wing Upper Splice Fitting @ Aft Fastner Skin on. F/A-18 E/F GCU PSE Upgrade (ECP-6355R1) Modification to improve Generator Converter Unit (GCU) PSE capabilities. ECP xx39: AFT Engine Mount Attach Fitting Full life retrofit of the AFT engine mount pin ECP xx46: Arresting Hook Failures To correct fleet discovered arresting hook failures</p>		

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Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03) - 9

Models of Systems Affected: F/A-18 E/F & EA-18G	Type Modification: SAFETY /RELIABILITY/ IMPROVEMENT	Related RDT&E PEs:
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)												
A Kits												
Recurring												
1.1.1) ECP-6106R1 Exhaust Overtemp Final Fix/Bard Stacks - Organic	223	15.966	-	-	-	-	-	-	-	-	-	-
1.1.2) ECP-6114 Aft ECS Cooling Fan - Organic	12	0.081	-	-	-	-	-	-	-	-	-	-
1.1.3) ECP-6002 FCC Processor Upgrade - Organic	28	1.313	-	-	-	-	-	-	-	-	-	-
1.1.4) ECP-6104 MLG Door Bushing Migration - Organic	32	0.094	-	-	-	-	-	-	-	-	-	-
1.1.5) ECP-6194 MLG Trunnion Bearing Loose Retention Nut - Organic	80	0.252	-	-	-	-	-	-	-	-	-	-
1.1.6) ECP-6171 Skin 12 Stiffener Back-up Structure - Organic	54	0.061	-	-	-	-	-	-	-	-	-	-
1.1.7) ECP-6193R1/R2 (LEX) Lwr Surface/Structure Cracks Redesign Y286 \ Y294 - Organic	161	26.347	58	2.061	30	0.325	-	-	-	-	-	-
1.1.8) ECP-6188 Y436 Inlet Former - Organic	183	1.912	-	-	-	-	-	-	-	-	-	-
1.1.9) ECP-6203 FT50 Keel Beam Lower Cap - Organic	38	0.075	-	-	-	-	-	-	-	-	-	-
1.1.10) ECP-XX12 FT50 Teardown Bulkhead Cracking - Organic	-	-	-	-	72	0.844	-	-	-	-	-	-
1.1.11) ECP-6326 FT50 Fuel Barrier Web at Y510 - Organic	144	0.937	48	0.329	72	0.503	48	0.349	-	-	48	0.349
1.1.12) ECP-6229 / FT50 18K Fuselage Outboard Former at Y645 Failure - Organic	-	-	-	-	72	0.155	-	-	-	-	-	-
1.1.13) ECP-6183R1 / FT50 Failure of Upper Wing Skin Splice Plate - Organic	96	0.630	-	-	-	-	-	-	-	-	-	-
1.1.14) ECP-6098C1 / Door 49 Replacement - Organic	12	0.220	-	-	-	-	-	-	-	-	-	-
1.1.15) ECP-6068 / Horizontal Actuator Cover Door 71 - Organic	62	1.090	-	-	-	-	-	-	-	-	-	-
1.1.16) ECP-6196C1 / MLG R/H Upper Planing Link Attach Fitting Failure - Organic	88	0.260	-	-	-	-	-	-	-	-	-	-
1.1.17) ECP-6208 / LEX Vent Mechanism Support Assembly Rod end Clevis Failure - Organic	92	0.018	-	-	-	-	-	-	-	-	-	-
1.1.18) ECP-6216 / LDS Fuel Wash Filter - Organic	98	0.628	-	-	-	-	-	-	-	-	-	-

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Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03) - 9

Models of Systems Affected: F/A-18 E/F & EA-18G	Type Modification: SAFETY /RELIABILITY/ IMPROVEMENT	Related RDT&E PEs:
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
1.1.19) ECP-6321 MLG Door Hinge Pins Standard H/W Conversion - Organic	362	0.200	-	-	-	-	-	-	-	-	-	-
1.1.20) ECP-6217 / Cockpit Pressure Warning System (CPWS) - Organic	190	1.742	-	-	-	-	-	-	-	-	-	-
1.1.21) ECP-6235 / MLG Strut Door Departures - Organic	136	0.820	-	-	-	-	-	-	-	-	-	-
1.1.22) ECP-6076 / MLG Proximity Switches & Sidebrace Downlock Mechanism - Organic	14	0.123	-	-	-	-	-	-	-	-	-	-
1.1.23) ECP-6190 / Fuel System Ground Pressurization Tube Water Entrapment - Organic	54	0.069	-	-	-	-	-	-	-	-	-	-
1.1.24) ECP-6198 / Radar Bay Vent Valve Fail - MSP 862 - Organic	76	0.005	-	-	-	-	-	-	-	-	-	-
1.1.25) ECP-6206 / Y679 Former Boot Strap Interface Fillet Seal Missing - Organic	80	0.014	-	-	-	-	-	-	-	-	-	-
1.1.26) ECP-6221/ Bay \$L-Y357 Bulkhead Horizontal Flange Life Limit - Organic	109	1.028	-	-	-	-	-	-	-	-	-	-
1.1.27) ECP-6262 / Y591 Bulkhead Missing Fasteners at Keel Longeron - Organic	181	1.082	-	-	-	-	-	-	-	-	-	-
1.1.28) ECP-6303R1 / FT50 18K Y577 Former Redesign - Organic	216	0.643	-	-	-	-	-	-	-	-	-	-
1.1.29) ECP-6304R1 / FT50 18K Web and Wing Drag Longeron Redesign - Organic	216	0.685	-	-	-	-	-	-	-	-	-	-
1.1.30) ECP-6306R1 / FT50 18K Y618 Inboard Former (74A342314) Redesign - Organic	216	0.993	-	-	-	-	-	-	-	-	-	-
1.1.31) ECP-6388 F/A-18 E/F Outer Wing Water Drainage Provisions - Organic	3	0.098	-	-	-	-	-	-	-	-	-	-
1.1.32) ECP-6241R1 / Wing-Aft Shear Tie Bushing Migration - Organic	186	0.170	-	-	-	-	-	-	-	-	-	-
1.1.33) ECP-6213R2 / TEF Redesign - Organic	4	1.710	-	-	-	-	73	47.231	-	-	73	47.231
1.1.34) ECP-6219 / Wing - Fuel Probe Corrosion Protection - Organic	286	0.105	-	-	-	-	-	-	-	-	-	-
1.1.35) ECP-6034 / Procures Common Preamps not funded in Lot 24 - Organic	36	6.000	-	-	-	-	-	-	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03) - 9

Models of Systems Affected: F/A-18 E/F & EA-18G	Type Modification: SAFETY /RELIABILITY/ IMPROVEMENT	Related RDT&E PEs:
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
1.1.36) ECP-6258 / FT76 Forward Windshield Bolt Life Limit - Organic	76	0.019	-	-	-	-	-	-	-	-	-	-
1.1.37) ECP-XX33 / Hydraulics Components Improvement - Organic	-	-	-	-	-	-	-	-	-	-	-	-
1.1.38) ECP-6319 / In-Flight Refueling (IFR) Probe Linkage redesign - Organic	198	1.051	-	-	-	-	-	-	-	-	-	-
1.1.39) ECP-6323 / Bleed Orifice Oversize - Organic	361	0.108	-	-	-	-	-	-	-	-	-	-
1.1.40) ECP 6371 AARGM WAT - Organic	82	3.916	-	-	-	-	-	-	-	-	-	-
1.1.41) ECP-6320 Landing Gear Control Unit (LGCU) MIT Upgrade - Organic	420	4.252	-	-	-	-	-	-	-	-	-	-
1.1.42) ECP 6387 SUU-80 Pylon - Organic	19	0.223	-	-	-	-	-	-	-	-	-	-
1.1.43) ECP-6282 / FT77 Wing Pylon Changes - Organic	208	23.222	-	-	-	-	41	9.525	-	-	41	9.525
1.1.44) ECP-IRRHB-0147 / Repeatable Release Holdback Bar - Organic	85	0.400	-	-	-	-	-	-	-	-	-	-
1.1.45) ECP-6283 / LEX Right Hand Walkway Mat - Organic	438	0.370	-	-	-	-	-	-	-	-	-	-
1.1.46) ECP-6234 / Horizontal Stabilator Fuselage Rubbing - Organic	293	5.362	-	-	-	-	-	-	-	-	-	-
1.1.47) ECP-6239R1 / FT 50 18K Fuselage Outboard Formal @Y679 Failure - Organic	144	0.142	-	-	-	-	-	-	-	-	-	-
1.1.48) ECP-6240R1 / FT50 18K MLG Sidebrace Fitting Failure - Organic	216	9.620	-	-	36	1.696	48	2.308	-	-	48	2.308
1.1.49) ECP-6243 / FT76 Jackpoint Support Fitting Life Limit - Organic	14	0.065	-	-	-	-	-	-	-	-	-	-
1.1.50) ECP-XXXX SUU-80 Wrought Pylon - Organic	164	0.178	-	-	-	-	-	-	-	-	-	-
1.1.51) ECP-6245 Inboard Wing Closure Bolt, Anti-rotation Retainer - Organic	58	0.247	-	-	-	-	-	-	-	-	-	-
1.1.52) ECP-6416: Environmental Control System (ECS) Anti-Ice Duct Bracket Redesig - Organic	-	-	-	-	-	-	72	0.216	-	-	72	0.216
1.1.53) ECP-6246 / FT76 Y301 Sheet Metal Routing Closure Life Limit - Organic	6	0.007	-	-	-	-	-	-	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03) - 9

Models of Systems Affected: F/A-18 E/F & EA-18G	Type Modification: SAFETY /RELIABILITY/ IMPROVEMENT	Related RDT&E PEs:
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
1.1.54) ECP-6247R1 / FT50 18K Y520 Former Cracks at Lower Drop Link - Organic	216	0.389	-	-	-	-	-	-	-	-	-	-
1.1.55) ECP-6248 / Tank 1 Improvements - Vent Cap Addition - Organic	98	0.007	-	-	-	-	-	-	-	-	-	-
1.1.56) ECP-6249 / Nut Plate Installation Sealing - Organic	38	0.107	-	-	-	-	-	-	-	-	-	-
1.1.57) ECP-6256 / FT76 Bay 3-4 Avionics Door Seal Support - Organic	15	0.003	-	-	-	-	-	-	-	-	-	-
1.1.58) ECP-6257 / HFC-125 Fire Extinguisher Mount - Final Corrective Action - Organic	266	1.572	-	-	-	-	-	-	-	-	-	-
1.1.59) ECP-6259 / FT76 Z90 Longeron Life Limit - Organic	13	0.010	-	-	-	-	-	-	-	-	-	-
1.1.60) ECP-6271 / FT76 NLG Retract Actuator Supports & X7 Keel - Organic	12	0.012	-	-	-	-	-	-	-	-	-	-
1.1.61) ECP-6275C1 / FT77 Wing Inboard Closure Rib Life Limit - Organic	84	0.012	-	-	-	-	-	-	-	-	-	-
1.1.62) ECP-6278 / FT76 Canopy Sill Longeron & Upr Nose Barrel Longeron @ Y204 Life Limit - Organic	3	0.002	-	-	-	-	-	-	-	-	-	-
1.1.63) ECP-6284 / TEF Shroud Link - Organic	58	0.343	-	-	-	-	-	-	-	-	-	-
1.1.64) ECP-6292 / FT76 Avionics Bay 3 & 4 Door Hinges - Organic	9	0.018	-	-	-	-	-	-	-	-	-	-
1.1.65) ECP-6295 / FT77 Wing Spar 6 Life Limit - Organic	137	0.119	-	-	-	-	-	-	-	-	-	-
1.1.66) ECP-XX / AESA Obsolete Parts - Organic	-	1.936	-	-	-	-	-	-	-	-	-	-
1.1.67) ECP-9384MB / Redesign of Backrest Operation Plunger MBEU148542 - Safety - Organic	572	0.042	-	-	-	-	-	-	-	-	-	-
1.1.68) ECP-6310 / LEX Retrofit Bundle ECPs (6261/6263/6270/6276) - Organic	8	0.191	-	-	-	-	-	-	-	-	-	-
1.1.69) ECP-XX45 / FT50 Structural Related Issues - Organic	-	-	-	-	-	-	-	-	-	-	-	-
1.1.70) ECP-6325 / Y618 Inbrd Former Near Keel Longeron Arrestment Load - Organic	6	0.944	96	0.490	72	0.420	-	-	-	-	-	-
1.1.71) ECP-XX47 / FT78 Flight Control Failures - Organic	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03) - 9

Models of Systems Affected: F/A-18 E/F & EA-18G	Type Modification: SAFETY /RELIABILITY/ IMPROVEMENT	Related RDT&E PEs:
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
1.1.72) ECP-6185 / Centerline Pylon Feed-Thru Assembly Interface - Organic	12	0.039	-	-	-	-	-	-	-	-	-	-
1.1.73) ECP-6089R1 / Engine Bay Door Strut Redesign - Organic	-	0.003	-	-	-	-	-	-	-	-	-	-
1.1.74) ECP-1036NI / Retro ECS/OBUGS Tee & Elbow - Corrosion - Organic	369	0.044	-	-	-	-	-	-	-	-	-	-
1.1.75) ECP-1049NI / Fuel Pressurization System Check Valve Failure - Organic	59	0.079	-	-	-	-	-	-	-	-	-	-
1.1.76) ECP-5051 / MLG Planing Mechanism Bellcrank Pivot Bolt Redesign - Organic	310	0.459	-	-	-	-	-	-	-	-	-	-
1.1.77) ECP-5046C1 / BALD Transponder Rotation - Change Incorporation Level - Organic	133	0.090	-	-	-	-	-	-	-	-	-	-
1.1.78) ECP-6309 / FT77 Retrofit ECP for the Outer Wing - Organic	192	0.128	-	-	-	-	-	-	-	-	-	-
1.1.79) ECP-6322 / Dry Bay Fire Suppression System (DBFSS) - Organic	1	0.012	-	-	-	-	-	-	-	-	-	-
1.1.80) ECP-6338 / Design Improvements to FPU-11A 480G External Fuel Tank Modular Valve - Organic	400	2.050	-	-	-	-	-	-	-	-	-	-
1.1.81) ECP-6343 / External Fuel Tank Air Pressure (ETPR) Regulator - Organic	152	0.325	150	0.333	150	0.299	150	0.347	-	-	150	0.347
1.1.82) ECP-XX48 / Fuel Tank Wiring Retrofit Improvements - Organic	-	-	-	-	-	-	-	-	-	-	-	-
1.1.83) ECP-9431MB / F/A18 NACES Improved Upper Catapult Sleeve - Organic	66	0.105	-	-	-	-	-	-	-	-	-	-
1.1.84) ECP-6328 / Bay 1L Cable Routing Change - Organic	139	0.020	-	-	-	-	-	-	-	-	-	-
1.1.85) ECP-6350 / LH Aileron Servo Cylinder Pressure Tube - Organic	312	0.631	-	-	-	-	-	-	-	-	-	-
1.1.86) ECP-6353 / F/A-18E/F Lower Wing Hinge Corrosion Improvements - Organic	204	1.995	-	-	-	-	-	-	-	-	-	-
1.1.87) ECP-6356 / NLG Drag Brace Fairing - Drain Hole - Organic	305	0.013	-	-	-	-	-	-	-	-	-	-
1.1.88) ECP-XX50 / F/A-18E/F Fuel Related Upgrade Issues - Organic	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03) - 9

Models of Systems Affected: F/A-18 E/F & EA-18G	Type Modification: SAFETY /RELIABILITY/ IMPROVEMENT	Related RDT&E PEs:
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
1.1.89) ECP-XX51 / F/A-18E/F ECS Subsystem Upgrade Issues - Organic	-	-	-	-	-	-	-	-	-	-	-	-
1.1.90) ECP-XX52 / F/A-18E/F Subsystem Retrofit Upgrade Issues - Organic	-	-	-	-	-	-	-	-	-	-	-	-
1.1.91) ECP-XX53 / F/A-18E/F Structure Stress Corrosion Cracking Issues - Organic	-	-	-	-	-	-	-	-	-	-	-	-
1.1.92) ECP-6366 Outer-Wing Inboard Aileron Hinge and SPAR 4 - Organic	84	1.623	-	-	-	-	-	-	-	-	-	-
1.1.93) ECP-6372 Y233 Bulkhead Rudder / Break Pully Bracket Attachment Redesign - Organic	216	0.071	-	-	-	-	63	0.022	-	-	63	0.022
1.1.94) ECP-6376 Main Landing Side Brace Lock Plate Redesign - Organic	365	0.226	-	-	-	-	-	-	-	-	-	-
1.1.95) ECP-XXX55: F/A-18 OBOGS Catalyst Integration Modline - Organic	-	-	-	-	-	-	-	-	-	-	-	-
1.1.96) ECP-6227C2 Inlet Nacelle Bleed Plate Crack - Organic	-	-	72	0.721	-	-	72	0.440	-	-	72	0.440
1.1.97) ECP-6408 F/A-18 E/F FT50 Y233 Bulkhead Z90 Floor Attachment Retrofit - Organic	-	-	24	1.122	-	-	58	0.965	-	-	58	0.965
1.1.98) ECP-xx59 F/A-18 E/F OBOGS Catalyst Intergration Modline - Organic	-	-	-	-	-	-	-	-	-	-	-	-
1.1.99) ECP-6411 F/A-18 E/F FT50 Inner-Wing Upper Splice Fitting @ Aft Fastner Skin - Organic	-	-	24	0.205	-	-	24	0.187	-	-	24	0.187
1.1.100) ECP-590 CRU-123 SSOM - Organic	84	0.846	-	-	-	-	-	-	-	-	-	-
1.1.101) ECP-6394 F/A-18 E/F Horizontal STAV Gang Channel Corrosion - Organic	-	-	2	0.010	-	-	-	-	-	-	-	-
1.1.102) ECP-6386 F/A-18 E/F Inner Wing TEF Shroud Hinges Bushing Migration - Organic	-	-	-	-	-	-	48	0.132	-	-	48	0.132
1.1.103) ECP-xx57 F/A-18 E/F Control Surface Free Play Inspections and Wear - Organic	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal Recurring</i>		129.019		5.271		4.242		61.722		0.000		61.722
<i>NonRecurring</i>												

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03) - 9

Models of Systems Affected: F/A-18 E/F & EA-18G	Type Modification: SAFETY /RELIABILITY/ IMPROVEMENT	Related RDT&E PEs:
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
1.2.1) Installation Kits N/R - Organic	-	32.378	-	5.383	-	20.303	-	-	-	-	-	-
<i>Subtotal NonRecurring</i>		32.378		5.383		20.303		0.000		0.000		0.000
B Kits												
Recurring												
2.1.1) Install Equip - Organic	312	0.060	-	-	-	-	-	-	-	-	-	-
2.1.2) ECP-6039 FT77 Outerwing Retrofit - Organic	508	0.027	116	0.006	-	-	-	-	-	-	-	-
<i>Subtotal Recurring</i>		0.087		0.006		0.000		0.000		0.000		0.000
<i>Total, E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)</i>	12,308	161.484	590	10.660	504	24.545	697	61.722	-	-	697	61.722
<i>Total, All Modifications</i>		161.484		10.660		24.545		61.722		0.000		61.722
Support												
3.1) Engineering Change Orders	-	0.000	-	-	-	-	-	-	-	-	-	-
3.2) Data	-	2.374	-	0.878	-	-	-	-	-	-	-	-
3.3) Training Equipment	-	-	-	-	-	-	-	-	-	-	-	-
3.4) Support Equipment	-	9.801	-	-	-	-	-	-	-	-	-	-
3.5) ILS	-	36.288	-	16.014	-	0.929	-	32.282	-	-	-	32.282
3.6) Other Support	-	0.000	-	-	-	-	-	-	-	-	-	-
3.7) Interim Contractor Support	-	0.000	-	-	-	-	-	-	-	-	-	-
3.8) Installation Cost	1,699	29.193	1,033	13.345	1,995	23.568	1,478	21.350	-	-	1,478	21.350
<i>Total Support Cost</i>		77.656		30.237		24.497		53.632		0.000		53.632
<i>Procurement Cost (Procurement + Support)</i>		239.140		40.897		49.042		115.354		0.000		115.354
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		239.140		40.897		49.042		115.354		0.000		115.354

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03) - 9

Models of Systems Affected: F/A-18 E/F & EA-18G	Type Modification: SAFETY /RELIABILITY/ IMPROVEMENT	Related RDT&E PEs:
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)												
A Kits												
Recurring												
1.1.1) ECP-6106R1 Exhaust Overtemp Final Fix/Bard Stacks - Organic	-	-	-	-	-	-	-	-	-	-	223	15.966
1.1.2) ECP-6114 Aft ECS Cooling Fan - Organic	-	-	-	-	-	-	-	-	-	-	12	0.081
1.1.3) ECP-6002 FCC Processor Upgrade - Organic	-	-	-	-	-	-	-	-	-	-	28	1.313
1.1.4) ECP-6104 MLG Door Bushing Migration - Organic	-	-	-	-	-	-	-	-	-	-	32	0.094
1.1.5) ECP-6194 MLG Trunnion Bearing Loose Retention Nut - Organic	-	-	-	-	-	-	-	-	-	-	80	0.252
1.1.6) ECP-6171 Skin 12 Stiffener Back-up Structure - Organic	-	-	-	-	-	-	-	-	-	-	54	0.061
1.1.7) ECP-6193R1/R2 (LEX) Lwr Surface/Structure Cracks Redesign Y286 \ Y294 - Organic	-	-	-	-	-	-	-	-	-	-	249	28.733
1.1.8) ECP-6188 Y436 Inlet Former - Organic	-	-	-	-	-	-	-	-	-	-	183	1.912
1.1.9) ECP-6203 FT50 Keel Beam Lower Cap - Organic	-	-	-	-	-	-	-	-	-	-	38	0.075
1.1.10) ECP-XX12 FT50 Teardown Bulkhead Cracking - Organic	48	0.585	48	0.597	48	0.609	48	0.621	133	1.755	397	5.011
1.1.11) ECP-6326 FT50 Fuel Barrier Web at Y510 - Organic	48	0.359	48	0.370	54	0.429	-	-	-	-	462	3.276
1.1.12) ECP-6229 / FT50 18K Fuselage Outboard Former at Y645 Failure - Organic	-	-	-	-	-	-	-	-	-	-	72	0.155
1.1.13) ECP-6183R1 / FT50 Failure of Upper Wing Skin Splice Plate - Organic	-	-	-	-	-	-	-	-	-	-	96	0.630
1.1.14) ECP-6098C1 / Door 49 Replacement - Organic	-	-	-	-	-	-	-	-	-	-	12	0.220
1.1.15) ECP-6068 / Horizontal Actuator Cover Door 71 - Organic	-	-	-	-	-	-	-	-	-	-	62	1.090
1.1.16) ECP-6196C1 / MLG R/H Upper Planing Link Attach Fitting Failure - Organic	-	-	-	-	-	-	-	-	-	-	88	0.260
1.1.17) ECP-6208 / LEX Vent Mechanism Support Assembly Rod end Clevis Failure - Organic	-	-	-	-	-	-	-	-	-	-	92	0.018
1.1.18) ECP-6216 / LDS Fuel Wash Filter - Organic	-	-	-	-	-	-	-	-	-	-	98	0.628

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03) - 9

Models of Systems Affected: F/A-18 E/F & EA-18G	Type Modification: SAFETY /RELIABILITY/ IMPROVEMENT	Related RDT&E PEs:
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
1.1.19) ECP-6321 MLG Door Hinge Pins Standard H/W Conversion - Organic	-	-	-	-	-	-	-	-	-	-	362	0.200
1.1.20) ECP-6217 / Cockpit Pressure Warning System (CPWS) - Organic	-	-	-	-	-	-	-	-	-	-	190	1.742
1.1.21) ECP-6235 / MLG Strut Door Departures - Organic	-	-	-	-	-	-	-	-	-	-	136	0.820
1.1.22) ECP-6076 / MLG Proximity Switches & Sidebrace Downlock Mechanism - Organic	-	-	-	-	-	-	-	-	-	-	14	0.123
1.1.23) ECP-6190 / Fuel System Ground Pressurization Tube Water Entrapment - Organic	-	-	-	-	-	-	-	-	-	-	54	0.069
1.1.24) ECP-6198 / Radar Bay Vent Valve Fail - MSP 862 - Organic	-	-	-	-	-	-	-	-	-	-	76	0.005
1.1.25) ECP-6206 / Y679 Former Boot Strap Interface Fillet Seal Missing - Organic	-	-	-	-	-	-	-	-	-	-	80	0.014
1.1.26) ECP-6221/ Bay \$L-Y357 Bulkhead Horizontal Flange Life Limit - Organic	-	-	-	-	-	-	-	-	-	-	109	1.028
1.1.27) ECP-6262 / Y591 Bulkhead Missing Fasteners at Keel Longeron - Organic	-	-	-	-	-	-	-	-	-	-	181	1.082
1.1.28) ECP-6303R1 / FT50 18K Y577 Former Redesign - Organic	-	-	-	-	-	-	-	-	-	-	216	0.643
1.1.29) ECP-6304R1 / FT50 18K Web and Wing Drag Longeron Redesign - Organic	-	-	-	-	-	-	-	-	-	-	216	0.685
1.1.30) ECP-6306R1 / FT50 18K Y618 Inboard Former (74A342314) Redesign - Organic	-	-	-	-	-	-	-	-	-	-	216	0.993
1.1.31) ECP-6388 F/A-18 E/F Outer Wing Water Drainage Provisions - Organic	-	-	-	-	-	-	-	-	-	-	3	0.098
1.1.32) ECP-6241R1 / Wing-Aft Shear Tie Bushing Migration - Organic	-	-	-	-	-	-	-	-	-	-	186	0.170
1.1.33) ECP-6213R2 / TEF Redesign - Organic	96	63.648	96	64.921	53	36.385	139	97.798	22	15.796	483	327.489
1.1.34) ECP-6219 / Wing - Fuel Probe Corrosion Protection - Organic	-	-	-	-	-	-	-	-	-	-	286	0.105
1.1.35) ECP-6034 / Procures Common Preamps not funded in Lot 24 - Organic	-	-	-	-	-	-	-	-	-	-	36	6.000

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03) - 9

Models of Systems Affected: F/A-18 E/F & EA-18G	Type Modification: SAFETY /RELIABILITY/ IMPROVEMENT	Related RDT&E PEs:
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
1.1.36) ECP-6258 / FT76 Forward Windshield Bolt Life Limit - Organic	-	-	-	-	-	-	-	-	-	-	76	0.019
1.1.37) ECP-XX33 / Hydraulics Components Improvement - Organic	-	-	-	-	-	-	0	0.000	155	0.145	155	0.145
1.1.38) ECP-6319 / In-Flight Refueling (IFR) Probe Linkage redesign - Organic	-	-	-	-	-	-	-	-	-	-	198	1.051
1.1.39) ECP-6323 / Bleed Orifice Oversize - Organic	-	-	-	-	-	-	-	-	-	-	361	0.108
1.1.40) ECP 6371 AARGM WAT - Organic	-	-	-	-	-	-	-	-	-	-	82	3.916
1.1.41) ECP-6320 Landing Gear Control Unit (LGCU) MIT Upgrade - Organic	-	-	-	-	-	-	-	-	-	-	420	4.252
1.1.42) ECP 6387 SUU-80 Pylon - Organic	-	-	-	-	-	-	-	-	-	-	19	0.223
1.1.43) ECP-6282 / FT77 Wing Pylon Changes - Organic	-	-	-	-	-	-	-	-	-	-	249	32.747
1.1.44) ECP-IRRHB-0147 / Repeatable Release Holdback Bar - Organic	-	-	-	-	-	-	-	-	-	-	85	0.400
1.1.45) ECP-6283 / LEX Right Hand Walkway Mat - Organic	-	-	-	-	-	-	-	-	-	-	438	0.370
1.1.46) ECP-6234 / Horizontal Stabilator Fuselage Rubbing - Organic	-	-	-	-	-	-	-	-	-	-	293	5.362
1.1.47) ECP-6239R1 / FT 50 18K Fuselage Outboard Formal @Y679 Failure - Organic	-	-	-	-	-	-	-	-	-	-	144	0.142
1.1.48) ECP-6240R1 / FT50 18K MLG Sidebrace Fitting Failure - Organic	35	1.716	-	-	-	-	-	-	-	-	335	15.340
1.1.49) ECP-6243 / FT76 Jackpoint Support Fitting Life Limit - Organic	-	-	-	-	-	-	-	-	-	-	14	0.065
1.1.50) ECP-XXXX SUU-80 Wrought Pylon - Organic	-	-	-	-	-	-	-	-	-	-	164	0.178
1.1.51) ECP-6245 Inboard Wing Closure Bolt, Anti-rotation Retainer - Organic	-	-	-	-	-	-	-	-	-	-	58	0.247
1.1.52) ECP-6416: Environmental Control System (ECS) Anti-Ice Duct Bracket Redesig - Organic	72	0.220	72	0.225	72	0.229	72	0.234	89	0.592	449	1.716
1.1.53) ECP-6246 / FT76 Y301 Sheet Metal Routing Closure Life Limit - Organic	-	-	-	-	-	-	-	-	-	-	6	0.007

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03) - 9

Models of Systems Affected: F/A-18 E/F & EA-18G	Type Modification: SAFETY /RELIABILITY/ IMPROVEMENT	Related RDT&E PEs:
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
1.1.54) ECP-6247R1 / FT50 18K Y520 Former Cracks at Lower Drop Link - Organic	-	-	-	-	-	-	-	-	-	-	216	0.389
1.1.55) ECP-6248 / Tank 1 Improvements - Vent Cap Addition - Organic	-	-	-	-	-	-	-	-	-	-	98	0.007
1.1.56) ECP-6249 / Nut Plate Installation Sealing - Organic	-	-	-	-	-	-	-	-	-	-	38	0.107
1.1.57) ECP-6256 / FT76 Bay 3-4 Avionics Door Seal Support - Organic	-	-	-	-	-	-	-	-	-	-	15	0.003
1.1.58) ECP-6257 / HFC-125 Fire Extinguisher Mount - Final Corrective Action - Organic	-	-	-	-	-	-	-	-	-	-	266	1.572
1.1.59) ECP-6259 / FT76 Z90 Longeron Life Limit - Organic	-	-	-	-	-	-	-	-	-	-	13	0.010
1.1.60) ECP-6271 / FT76 NLG Retract Actuator Supports & X7 Keel - Organic	-	-	-	-	-	-	-	-	-	-	12	0.012
1.1.61) ECP-6275C1 / FT77 Wing Inboard Closure Rib Life Limit - Organic	-	-	-	-	-	-	-	-	-	-	84	0.012
1.1.62) ECP-6278 / FT76 Canopy Sill Longeron & Upr Nose Barrel Longeron @ Y204 Life Limit - Organic	-	-	-	-	-	-	-	-	-	-	3	0.002
1.1.63) ECP-6284 / TEF Shroud Link - Organic	-	-	-	-	-	-	-	-	-	-	58	0.343
1.1.64) ECP-6292 / FT76 Avionics Bay 3 & 4 Door Hinges - Organic	-	-	-	-	-	-	-	-	-	-	9	0.018
1.1.65) ECP-6295 / FT77 Wing Spar 6 Life Limit - Organic	-	-	-	-	-	-	-	-	-	-	137	0.119
1.1.66) ECP-XX / AESA Obsolete Parts - Organic	-	-	-	-	-	-	-	-	-	-	-	1.936
1.1.67) ECP-9384MB / Redesign of Backrest Operation Plunger MBEU148542 - Safety - Organic	-	-	-	-	-	-	-	-	-	-	572	0.042
1.1.68) ECP-6310 / LEX Retrofit Bundle ECPs (6261/6263/6270/6276) - Organic	-	-	-	-	-	-	-	-	-	-	8	0.191
1.1.69) ECP-XX45 / FT50 Structural Related Issues - Organic	48	3.745	48	3.820	48	3.897	48	3.975	133	11.233	325	26.670
1.1.70) ECP-6325 / Y618 Inbrd Former Near Keel Longeron Arrestment Load - Organic	48	0.260	48	0.265	48	0.270	48	0.276	153	0.896	519	3.821
1.1.71) ECP-XX47 / FT78 Flight Control Failures - Organic	48	2.647	48	2.699	48	2.754	48	2.809	133	7.938	325	18.847

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03) - 9

Models of Systems Affected: F/A-18 E/F & EA-18G	Type Modification: SAFETY /RELIABILITY/ IMPROVEMENT	Related RDT&E PEs:
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
1.1.72) ECP-6185 / Centerline Pylon Feed-Thru Assembly Interface - Organic	-	-	-	-	-	-	-	-	-	-	12	0.039
1.1.73) ECP-6089R1 / Engine Bay Door Strut Redesign - Organic	-	-	-	-	-	-	-	-	-	-	-	0.003
1.1.74) ECP-1036NI / Retro ECS/OBUGS Tee & Elbow - Corrosion - Organic	-	-	-	-	-	-	-	-	-	-	369	0.044
1.1.75) ECP-1049NI / Fuel Pressurization System Check Valve Failure - Organic	-	-	-	-	-	-	-	-	-	-	59	0.079
1.1.76) ECP-5051 / MLG Planing Mechanism Bellcrank Pivot Bolt Redesign - Organic	-	-	-	-	-	-	-	-	-	-	310	0.459
1.1.77) ECP-5046C1 / BALD Transponder Rotation - Change Incorporation Level - Organic	-	-	-	-	-	-	-	-	-	-	133	0.090
1.1.78) ECP-6309 / FT77 Retrofit ECP for the Outer Wing - Organic	-	-	-	-	-	-	-	-	-	-	192	0.128
1.1.79) ECP-6322 / Dry Bay Fire Suppression System (DBFSS) - Organic	-	-	-	-	-	-	-	-	-	-	1	0.012
1.1.80) ECP-6338 / Design Improvements to FPU-11A 480G External Fuel Tank Modular Valve - Organic	-	-	-	-	-	-	-	-	-	-	400	2.050
1.1.81) ECP-6343 / External Fuel Tank Air Pressure (ETPR) Regulator - Organic	98	0.231	-	-	-	-	-	-	-	-	700	1.535
1.1.82) ECP-XX48 / Fuel Tank Wiring Retrofit Improvements - Organic	48	0.265	48	0.270	48	0.276	48	0.281	277	1.655	469	2.747
1.1.83) ECP-9431MB / F/A18 NACES Improved Upper Catapult Sleeve - Organic	-	-	-	-	-	-	-	-	-	-	66	0.105
1.1.84) ECP-6328 / Bay 1L Cable Routing Change - Organic	-	-	-	-	-	-	-	-	-	-	139	0.020
1.1.85) ECP-6350 / LH Aileron Servo Cylinder Pressure Tube - Organic	-	-	-	-	-	-	-	-	-	-	312	0.631
1.1.86) ECP-6353 / F/A-18E/F Lower Wing Hinge Corrosion Improvements - Organic	-	-	-	-	-	-	-	-	-	-	204	1.995
1.1.87) ECP-6356 / NLG Drag Brace Fairing - Drain Hole - Organic	-	-	-	-	-	-	-	-	-	-	305	0.013
1.1.88) ECP-XX50 / F/A-18E/F Fuel Related Upgrade Issues - Organic	200	1.104	200	1.126	100	0.574	-	-	-	-	500	2.804

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Exhibit P-3A, Individual Modification: PB 2013 Navy									Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0525 - F-18 Series					Modification Nomenclature (<i>Modification Title, Modification Number</i>): E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03) - 9			
Models of Systems Affected: F/A-18 E/F & EA-18G			Type Modification: SAFETY /RELIABILITY/ IMPROVEMENT					Related RDT&E PEs:				
Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
1.1.89) ECP-XX51 / F/A-18E/F ECS Subsystem Upgrade Issues - Organic	48	0.300	48	0.306	48	0.312	48	0.318	308	2.081	500	3.317
1.1.90) ECP-XX52 / F/A-18E/F Subsystem Retrofit Upgrade Issues - Organic	48	0.375	48	0.382	48	0.390	48	0.397	308	2.601	500	4.145
1.1.91) ECP-XX53 / F/A-18E/F Structure Stress Corrosion Cracking Issues - Organic	48	0.999	48	1.019	48	1.039	48	1.060	308	6.937	500	11.054
1.1.92) ECP-6366 Outer-Wing Inboard Aileron Hinge and SPAR 4 - Organic	-	-	-	-	-	-	-	-	-	-	84	1.623
1.1.93) ECP-6372 Y233 Bulkhead Rudder / Break Pully Bracket Attachment Redesign - Organic	-	-	-	-	-	-	-	-	-	-	279	0.093
1.1.94) ECP-6376 Main Landing Side Brace Lock Plate Redesign - Organic	-	-	-	-	-	-	-	-	-	-	365	0.226
1.1.95) ECP-XXX55: F/A-18 OBOGS Catalyst Integration Modline - Organic	48	0.050	48	0.051	48	0.052	48	0.053	308	0.347	500	0.553
1.1.96) ECP-6227C2 Inlet Nacelle Bleed Plate Crack - Organic	72	0.449	14	0.089	-	-	-	-	-	-	230	1.699
1.1.97) ECP-6408 F/A-18 E/F FT50 Y233 Bulkhead Z90 Floor Attachment Retrofit - Organic	-	-	-	-	-	-	-	-	-	-	82	2.087
1.1.98) ECP-xx59 F/A-18 E/F OBOGS Catalyst Intergration Modline - Organic	48	0.999	48	1.019	48	1.039	48	1.060	308	6.937	500	11.054
1.1.99) ECP-6411 F/A-18 E/F FT50 Inner-Wing Upper Splice Fitting @ Aft Fastner Skin - Organic	24	0.191	12	0.097	-	-	-	-	-	-	84	0.680
1.1.100) ECP-590 CRU-123 SSOM - Organic	-	-	-	-	-	-	-	-	-	-	84	0.846
1.1.101) ECP-6394 F/A-18 E/F Horizontal STAV Gang Channel Corrosion - Organic	-	-	-	-	-	-	-	-	-	-	2	0.010
1.1.102) ECP-6386 F/A-18 E/F Inner Wing TEF Shroud Hinges Bushing Migration - Organic	48	0.135	48	0.138	48	0.140	48	0.143	52	0.158	292	0.846
1.1.103) ECP-xx57 F/A-18 E/F Control Surface Free Play Inspections and Wear - Organic	-	-	-	-	-	-	0	0.000	500	0.169	500	0.169
<i>Subtotal Recurring</i>		78.278		77.394		48.395		109.025		59.240		572.586
<i>NonRecurring</i>												

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03) - 9

Models of Systems Affected: F/A-18 E/F & EA-18G	Type Modification: SAFETY /RELIABILITY/ IMPROVEMENT	Related RDT&E PEs:
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
1.2.1) Installation Kits N/R - Organic	-	-	-	-	-	-	-	-	-	-	-	58.064
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		58.064
B Kits												
Recurring												
2.1.1) Install Equip - Organic	-	-	-	-	-	-	-	-	-	-	312	0.060
2.1.2) ECP-6039 FT77 Outerwing Retrofit - Organic	-	-	-	-	-	-	-	-	-	-	624	0.033
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		0.093
<i>Total, E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)</i>	1,173	78.278	970	77.394	807	48.395	739	109.025	3,187	59.240	20,975	630.743
<i>Total, All Modifications</i>		78.278		77.394		48.395		109.025		59.240		630.743
Support												
3.1) Engineering Change Orders	-	-	-	-	-	-	-	-	-	-	-	-
3.2) Data	-	-	-	-	-	-	-	-	-	-	-	3.252
3.3) Training Equipment	-	-	-	-	-	-	-	0.669	-	-	-	0.669
3.4) Support Equipment	-	-	-	-	-	-	-	-	-	-	-	9.801
3.5) ILS	-	55.672	-	64.192	-	68.576	-	69.560	-	72.188	-	415.701
3.6) Other Support	-	-	-	-	-	-	-	-	-	-	-	-
3.7) Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	-
3.8) Installation Cost	1,761	32.410	2,002	39.171	1,156	35.787	1,282	37.638	1,989	71.171	14,395	303.633
<i>Total Support Cost</i>		88.082		103.363		104.363		107.867		143.359		733.056
<i>Procurement Cost (Procurement + Support)</i>		166.360		180.757		152.758		216.892		202.599		1,363.799
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		166.360		180.757		152.758		216.892		202.599		1,363.799

Remarks:

Manufacturer Information: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	
Manufacturer Name: Manufacturer Name Not Provided.	Manufacturer Location: Manufacturer Location Not Provided.
Administrative Leadtime (in Months):	Production Leadtime (in Months):

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Exhibit P-3A, Individual Modification: PB 2013 Navy						Date: February 2012	
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1			P-1 Line Item Nomenclature: 0525 - F-18 Series			Modification Nomenclature (<i>Modification Title, Modification Number</i>): E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03) - 9	
Models of Systems Affected: F/A-18 E/F & EA-18G			Type Modification: SAFETY /RELIABILITY/ IMPROVEMENT			Related RDT&E PEs:	
Manufacturer Information: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)							
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates							
Delivery Dates							
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)							
Method of Implementation: Not Installed - ECP-6106R1 Exhaust Overtemp Final Fix/Bard Stacks			Installation Quantity: 223				
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)							
Method of Implementation: Not Installed - ECP-6114 Aft ECS Cooling Fan			Installation Quantity: 12				
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)							
Method of Implementation: Not Installed - ECP-6002 FCC Processor Upgrade			Installation Quantity: 28				
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)							
Method of Implementation: Not Installed - ECP-6104 MLG Door Bushing Migration			Installation Quantity: 32				
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)							
Method of Implementation: Not Installed - ECP-6194 MLG Trunnion Bearing Loose Retention Nut			Installation Quantity: 80				
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)							
Method of Implementation: Not Installed - ECP-6171 Skin 12 Stiffener Back-up Structure			Installation Quantity: 54				
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)							
Method of Implementation: Not Installed - ECP-6193R1/R2 (LEX) Lwr Surface/Structure Cracks Redesign Y286 \ Y294			Installation Quantity: 249				
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)							
Method of Implementation: Not Installed - ECP-6188 Y436 Inlet Former			Installation Quantity: 183				
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)							
Method of Implementation: Not Installed - ECP-6203 FT50 Keel Beam Lower Cap			Installation Quantity: 38				

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03) - 9
Models of Systems Affected: F/A-18 E/F & EA-18G	Type Modification: SAFETY /RELIABILITY/ IMPROVEMENT	Related RDT&E PEs:
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-XX12 FT50 Teardown Bulkhead Cracking	Installation Quantity: 397
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-6326 FT50 Fuel Barrier Web at Y510	Installation Quantity: 462
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-6229 / FT50 18K Fuselage Outboard Former at Y645 Failure	Installation Quantity: 72
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-6183R1 / FT50 Failure of Upper Wing Skin Splice Plate	Installation Quantity: 96
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-6098C1 / Door 49 Replacement	Installation Quantity: 12
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-6068 / Horizontal Actuator Cover Door 71	Installation Quantity: 62
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-6196C1 / MLG R/H Upper Planing Link Attach Fitting Failure	Installation Quantity: 88
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-6208 / LEX Vent Mechanism Support Assembly Rod end Clevis Failure	Installation Quantity: 92
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-6216 / LDS Fuel Wash Filter	Installation Quantity: 98
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-6321 MLG Door Hinge Pins Standard H/W Conversion	Installation Quantity: 362
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-6217 / Cockpit Pressure Warning System (CPWS)	Installation Quantity: 190
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-6235 / MLG Strut Door Departures	Installation Quantity: 136

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03) - 9
Models of Systems Affected: F/A-18 E/F & EA-18G	Type Modification: SAFETY /RELIABILITY/ IMPROVEMENT	Related RDT&E PEs:
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-6076 / MLG Proximity Switches & Sidebrace Downlock Mechanism	Installation Quantity: 14
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-6190 / Fuel System Ground Pressurization Tube Water Entrapment	Installation Quantity: 54
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-6198 / Radar Bay Vent Valve Fail - MSP 862	Installation Quantity: 76
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-6206 / Y679 Former Boot Strap Interface Fillet Seal Missing	Installation Quantity: 80
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-6221/ Bay \$L-Y357 Bulkhead Horizontal Flange Life Limit	Installation Quantity: 109
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-6262 / Y591 Bulkhead Missing Fasteners at Keel Longeron	Installation Quantity: 181
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-6303R1 / FT50 18K Y577 Former Redesign	Installation Quantity: 216
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-6304R1 / FT50 18K Web and Wing Drag Longeron Redesign	Installation Quantity: 216
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-6306R1 / FT50 18K Y618 Inboard Former (74A342314) Redesign	Installation Quantity: 216
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-6388 F/A-18 E/F Outer Wing Water Drainage Provisions	Installation Quantity: 3
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-6241R1 / Wing-Aft Shear Tie Bushing Migration	Installation Quantity: 186

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03) - 9
Models of Systems Affected: F/A-18 E/F & EA-18G	Type Modification: SAFETY /RELIABILITY/ IMPROVEMENT	Related RDT&E PEs:
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-6213R2 / TEF Redesign	Installation Quantity: 483
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-6219 / Wing - Fuel Probe Corrosion Protection	Installation Quantity: 286
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-6034 / Procures Common Preamps not funded in Lot 24	Installation Quantity: 36
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-6258 / FT76 Forward Windshield Bolt Life Limit	Installation Quantity: 76
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-XX33 / Hydraulics Components Improvement	Installation Quantity: 155
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-6319 / In-Flight Refueling (IFR) Probe Linkage redesign	Installation Quantity: 198
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-6323 / Bleed Orifice Oversize	Installation Quantity: 361
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP 6371 AARGM WAT	Installation Quantity: 82
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-6320 Landing Gear Control Unit (LGCU) MIT Upgrade	Installation Quantity: 420
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP 6387 SUU-80 Pylon	Installation Quantity: 19
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-6282 / FT77 Wing Pylon Changes	Installation Quantity: 249
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-IRRHB-0147 / Repeatable Release Holdback Bar	Installation Quantity: 85

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03) - 9
Models of Systems Affected: F/A-18 E/F & EA-18G	Type Modification: SAFETY /RELIABILITY/ IMPROVEMENT	Related RDT&E PEs:
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-6283 / LEX Right Hand Walkway Mat	Installation Quantity: 438
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-6234 / Horizontal Stabilator Fuselage Rubbing	Installation Quantity: 293
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-6239R1 / FT 50 18K Fuselage Outboard Formal @Y679 Failure	Installation Quantity: 144
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-6240R1 / FT50 18K MLG Sidebrace Fitting Failure	Installation Quantity: 335
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-6243 / FT76 Jackpoint Support Fitting Life Limit	Installation Quantity: 14
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-XXXX SUU-80 Wrought Pylon	Installation Quantity: 164
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-6245 Inboard Wing Closure Bolt, Anti-rotation Retainer	Installation Quantity: 58
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-6416: Environmental Control System (ECS) Anti-Ice Duct Bracket Redesig	Installation Quantity: 449
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-6246 / FT76 Y301 Sheet Metal Routing Closure Life Limit	Installation Quantity: 6
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-6247R1 / FT50 18K Y520 Former Cracks at Lower Drop Link	Installation Quantity: 216
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-6248 / Tank 1 Improvements - Vent Cap Addition	Installation Quantity: 98

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03) - 9
Models of Systems Affected: F/A-18 E/F & EA-18G	Type Modification: SAFETY /RELIABILITY/ IMPROVEMENT	Related RDT&E PEs:
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-6249 / Nut Plate Installation Sealing	Installation Quantity: 38
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-6256 / FT76 Bay 3-4 Avionics Door Seal Support	Installation Quantity: 15
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-6257 / HFC-125 Fire Extinguisher Mount - Final Corrective Action	Installation Quantity: 266
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-6259 / FT76 Z90 Longeron Life Limit	Installation Quantity: 13
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-6271 / FT76 NLG Retract Actuator Supports & X7 Keel	Installation Quantity: 12
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-6275C1 / FT77 Wing Inboard Closure Rib Life Limit	Installation Quantity: 84
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-6278 / FT76 Canopy Sill Longeron & Upr Nose Barrel Longeron @ Y204 Lif	Installation Quantity: 3
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-6284 / TEF Shroud Link	Installation Quantity: 58
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-6292 / FT76 Avionics Bay 3 & 4 Door Hinges	Installation Quantity: 9
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-6295 / FT77 Wing Spar 6 Life Limit	Installation Quantity: 137
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-9384MB / Redesign of Backrest Operation Plunger MBEU148542 - Safety	Installation Quantity: 572
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-6310 / LEX Retrofit Bundle ECPs (6261/6263/6270/6276)	Installation Quantity: 8

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03) - 9
Models of Systems Affected: F/A-18 E/F & EA-18G	Type Modification: SAFETY /RELIABILITY/ IMPROVEMENT	Related RDT&E PEs:
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-XX45 / FT50 Structural Related Issues	Installation Quantity: 325
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-6325 / Y618 Inbrd Former Near Keel Longeron Arrestment Load	Installation Quantity: 519
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-XX47 / FT78 Flight Control Failures	Installation Quantity: 325
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-6185 / Centerline Pylon Feed-Thru Assembly Interface	Installation Quantity: 12
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-1036NI / Retro ECS/OBUGS Tee & Elbow - Corrosion	Installation Quantity: 369
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-1049NI / Fuel Pressurization System Check Valve Failure	Installation Quantity: 59
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-5051 / MLG Planing Mechanism Bellcrank Pivot Bolt Redesign	Installation Quantity: 310
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-5046C1 / BALD Transponder Rotation - Change Incorporation Level	Installation Quantity: 133
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-6309 / FT77 Retrofit ECP for the Outer Wing	Installation Quantity: 192
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-6322 / Dry Bay Fire Suppression System (DBFSS)	Installation Quantity: 1
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-6338 / Design Improvements to FPU-11A 480G External Fuel Tank Modular	Installation Quantity: 400

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03) - 9
Models of Systems Affected: F/A-18 E/F & EA-18G	Type Modification: SAFETY /RELIABILITY/ IMPROVEMENT	Related RDT&E PEs:
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-6343 / External Fuel Tank Air Pressure (ETPR) Regulator	Installation Quantity: 700
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-XX48 / Fuel Tank Wiring Retrofit Improvements	Installation Quantity: 469
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-9431MB / F/A18 NACES Improved Upper Catapult Sleeve	Installation Quantity: 66
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-6328 / Bay 1L Cable Routing Change	Installation Quantity: 139
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-6350 / LH Aileron Servo Cylinder Pressure Tube	Installation Quantity: 312
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-6353 / F/A-18E/F Lower Wing Hinge Corrosion Improvements	Installation Quantity: 204
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-6356 / NLG Drag Brace Fairing - Drain Hole	Installation Quantity: 305
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-XX50 / F/A-18E/F Fuel Related Upgrade Issues	Installation Quantity: 500
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-XX51 / F/A-18E/F ECS Subsystem Upgrade Issues	Installation Quantity: 500
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-XX52 / F/A-18E/F Subsystem Retrofit Upgrade Issues	Installation Quantity: 500
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-XX53 / F/A-18E/F Structure Stress Corrosion Cracking Issues	Installation Quantity: 500
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-6366 Outer-Wing Inboard Aileron Hinge and SPAR 4	Installation Quantity: 84

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03) - 9
Models of Systems Affected: F/A-18 E/F & EA-18G	Type Modification: SAFETY /RELIABILITY/ IMPROVEMENT	Related RDT&E PEs:
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-6372 Y233 Bulkhead Rudder / Break Pully Bracket Attachment Redesign	Installation Quantity: 279
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-6376 Main Landing Side Brace Lock Plate Redesign	Installation Quantity: 365
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-XXX55: F/A-18 OBOGS Catalyst Integration Modline	Installation Quantity: 500
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-6227C2 Inlet Nacelle Bleed Plate Crack	Installation Quantity: 230
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-6408 F/A-18 E/F FT50 Y233 Bulkhead Z90 Floor Attachment Retrofit	Installation Quantity: 82
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-xx59 F/A-18 E/F OBOGS Catalyst Intergration Modline	Installation Quantity: 500
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-6411 F/A-18 E/F FT50 Inner-Wing Upper Splice Fitting @ Aft Fastner Sk	Installation Quantity: 84
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-590 CRU-123 SSOM	Installation Quantity: 84
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-6394 F/A-18 E/F Horizontal STAV Gang Channel Corrosion	Installation Quantity: 2
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-6386 F/A-18 E/F Inner Wing TEF Shroud Hinges Bushing Migration	Installation Quantity: 292
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-xx57 F/A-18 E/F Control Surface Free Play Inspections and Wear	Installation Quantity: 500

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature <i>(Modification Title, Modification Number):</i> E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03) - 9
Models of Systems Affected: F/A-18 E/F & EA-18G	Type Modification: SAFETY /RELIABILITY/ IMPROVEMENT	Related RDT&E PEs:
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - Install Equip	Installation Quantity: 312
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - ECP-6039 FT77 Outerwing Retrofit	Installation Quantity: 624
Installation: E/F & EA-18G Correction of Operational Discrepancies (OSIP 14-03)	Method of Implementation: Not Installed - Installation Cost	Installation Quantity: 14395

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Core Avionics Improvements / Upgrades (OSIP 023-04) - 10

Models of Systems Affected: F/A-18A-F and EA-18G	Type Modification: Capability and Reliability Improvements	Related RDT&E PEs:
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	84.021	13.440	5.303	48.980	0.000	48.980	68.125	100.052	79.828	169.653	1,245.500	1,814.902
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	84.021	13.440	5.303	48.980	0.000	48.980	68.125	100.052	79.828	169.653	1,245.500	1,814.902
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	84.021	13.440	5.303	48.980	0.000	48.980	68.125	100.052	79.828	169.653	1,245.500	1,814.902

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

DESCRIPTION/JUSTIFICATION:

This OSIP is required to retrofit upgrades and improvements to various avionics systems that have been or are being incorporated into production aircraft, to provide updates to Automated Maintenance Environment and the Integrated Electronic Technical Manuals (IETMs), and to provide Mission Planning updates. Specifically for Mission Planning, the F/A-18 Unique Planning Component (UPC) for the Joint Mission Planning system (JMPS) must implement frequent software changes in conjunction with production aircraft modifications. The JMPS UPC changes required in conjunction with System Configuration Set (SCS) changes must include software regression tests to ensure proper operation and integration with other aircraft systems in JMPS components, and the core mission planning equipment and software procured elsewhere within the Navy budget. Upgrades include a retrofit of Solid State Recorder (SSR) into F/A-18A+/C/D and F/A-18 E/F aircraft and USMC F/A-18A+/C/D aircraft. This OSIP also includes a requirement to retrofit the Deployable Flight Incident Recorder System (DIFRS) to address the issue of the current COSPAT SARSAT satellite becoming obsolete. Upgrades also include a retrofit installation of the Type 2 Advanced Mission Computer into Lots 23-24 as a replacement for the AYK-14 computer. Upgrade includes a retrofit installation of the Type 4 Advanced Mission Computer into Block 2 E/F and EA-18G aircraft. Upgrade also includes retrofit installation of various display hardware improvements to enable increased aircrew situational awareness. To support updates to Operational Flight Program (OFF) for on-going aircraft modernization and modification efforts necessitate periodic software releases. The procurement of SCS is not a stand alone cost but integration for the overall improvement to the end item to allow the integration of new capabilities and or performances to be complete. The SCS builds anticipated are used to support retrofit hardware configuration changes and the accompanying software change and associated testing driven by the APN5 funded OSIP's. SCS builds will include 20X, 21X, 23X, 25X, 27X, H4, H5, H6, H7, H8, H9, H10, H12 and H14. SCS build integration will comprise of Operational Flight Programs (OFF), Support Equipment Test Program Sets (TPS) Updates, PALS assessment, Operational analysis and functional retrofit implementation of aircrew and maintenance training systems, OFF Memory Loader Verifier Set Personal Computer Memory Card International Association (PCMCIA) cards, , update SCS to allow single point loading of software from the AMU or DMD and associated software licenses and data rights and publication updates. This OSIP will implement the upgraded architecture in support of Navy Aviation 2030 Plan as well as the DoD mandated Selective Availability Anti-Spoofing Module (SAASM) security architecture. The Miniaturized Airborne GPS Receiver (MAGR) retrofit implements an advanced Global Positioning System that increases platform navigation accuracy and smart weapon targeting solutions. This OSIP will implement Civilian Instrument Landing System to provide onboard precision approach capability in the event of adverse weather conditions. It will also cover associated software licenses, data rights, and technical publication updates including F/A-18 A-D IETMS. FA-18 and EA-18G WINN (Weaponeeing, Interim flight clearances, NATIP and NATOPS permanent flight clearance) products: This OSIP will provide updated data for F/A-18 and EA-18G aircrew (user's manuals, pocket guides, safety-of-flight envelopes and tactical /non-tactical system employment envelopes) associated with approved aircraft engineering changes and other actions that update/enhance aircraft operational capabilities. WINN tactical employment data developed and distributed via NATIP are mandated by OPNAVINST 3510.15. WINN non-tactical employment data developed and distributed via NATOPS are mandated by OPNAVINST 3710. This OSIP will also provide continued Information Assurance (IA) compliance for F/A-18 A-F and EA-18G systems by updating certification and accreditation (C&A) documentation, Information Assurance Vulnerability Alerts (IAVA) implementation, and future IA mandates in order to maintain the Authority to Operate for all F/A-18 A-F and EA-18G systems that require C&A approval.

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature <i>(Modification Title, Modification Number):</i> Core Avionics Improvements / Upgrades (OSIP 023-04) - 10
Models of Systems Affected: F/A-18A-F and EA-18G	Type Modification: Capability and Reliability Improvements	Related RDT&E PEs:

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES:
 A Mission Planning system supporting F/A-18A-F is currently fielded. A Joint Mission Planning System (JMPS) was developed and fielded for F/A-18A-F in the first quarter of Fiscal Year 2005 with 19C and H2E+. The Solid State Recorder retrofit was approved as a Congressional new start in August 2004. Validation/Verification for the SSR was completed in the second and third quarter fiscal year March 2005, with retrofit on two squadrons completed in the fourth quarter of fiscal year 2005. SCSs are scheduled for release to the fleet on an annual basis or as needed to fulfill emerging fleet requirements. F/A-18A-D, E/F and G NATIP: Class and unclass product development expected to be complete by end FY13, Updates to published class/unclass chapters are increasing as additional chapters are fielded. F/A-18 and EA-18G NATOPS: Development is complete and updates ongoing.

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Core Avionics Improvements / Upgrades (OSIP 023-04) - 10

Models of Systems Affected: F/A-18A-F and EA-18G	Type Modification: Capability and Reliability Improvements	Related RDT&E PEs:
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
Core Avionics Improvements / Upgrades (OSIP 023-04)												
A Kits												
Recurring												
1.1.1) "A" Kits E/F Solid State Recorder & USSR - Organic	136	5.045	-	-	-	-	-	-	-	-	-	-
1.1.2) E "A" Kits Solid State Recorder - NonOrganic	-	-	12	0.254	24	0.520	4	0.073	-	-	4	0.073
1.1.3) F "A" Kits Solid State Recorder - NonOrganic	-	-	12	0.234	24	0.481	21	0.467	-	-	21	0.467
1.1.4) DFIRS A-kits - Organic	-	-	-	-	-	-	-	-	-	-	-	-
1.1.5) SSR Hi8 - Organic	-	-	-	-	-	-	-	-	-	-	-	-
1.1.6) Display Improvements (HW) - Organic	-	-	-	-	-	-	-	-	-	-	-	-
1.1.7) Civilian ILS kits (A and B kits combined) - Organic	24	3.978	-	-	-	-	-	-	-	-	-	-
1.1.8) Civilian ILS A-kits - NonOrganic	-	-	-	-	-	-	57	6.358	-	-	57	6.358
1.1.9) Type 2 Advanced Mission Computer (AMC) kits - NonOrganic ⁽⁷⁾	58	0.000	-	-	-	-	-	-	-	-	-	-
Subtotal Recurring		9.023		0.488		1.001		6.898		0.000		6.898
NonRecurring												
1.2.1) Installation Kits N/R - Organic	-	12.681	-	-	-	-	-	20.860	-	-	-	20.860
Subtotal NonRecurring		12.681		0.000		0.000		20.860		0.000		20.860
B Kits												
Recurring												
2.1.1) E/F Solid State Recorder - Organic	136	5.085	-	-	-	-	-	-	-	-	-	-
2.1.2) SSR& RMM Test and Check from ECP-6318 - Organic	-	-	24	0.076	48	0.157	25	0.083	-	-	25	0.083
2.1.3) RMM Test and Check from ECP-6318 - Organic	-	-	24	0.025	48	0.052	25	0.028	-	-	25	0.028
2.1.4) SMUG for ECP-6042 - Organic	14	0.415	-	-	9	0.294	18	0.599	-	-	18	0.599
2.1.5) Display Improvements (HW) - Organic	-	-	-	-	-	-	-	-	-	-	-	-
2.1.6) Type 4 Mission Computer - Organic	-	-	-	-	-	-	-	-	-	-	-	-
2.1.7) Single Point data loader (SW) - Organic	-	-	-	-	-	-	-	-	-	-	-	-

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy								Date: February 2012				
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0525 - F-18 Series				Modification Nomenclature (<i>Modification Title, Modification Number</i>): Core Avionics Improvements / Upgrades (OSIP 023-04) - 10				
Models of Systems Affected: F/A-18A-F and EA-18G			Type Modification: Capability and Reliability Improvements				Related RDT&E PEs:					
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
2.1.8) MAGR B kits - Organic	82	5.000	-	-	-	-	-	-	-	-	-	-
2.1.9) Civilian ILS mission kits - Organic	-	-	-	-	-	-	-	-	-	-	-	-
2.1.10) NAVWAR - NonOrganic	-	-	-	-	-	-	-	-	-	-	-	-
2.1.11) Combined Interrogator Transponder B-kits - Organic	-	-	-	-	-	-	-	-	-	-	-	-
2.1.12) SCS - Organic	-	2.206	-	-	-	-	-	0.755	-	-	-	0.755
2.1.13) MP/UPC Software - Organic	-	6.259	-	2.449	-	2.416	-	1.777	-	-	-	1.777
2.1.14) 20X - Organic	-	1.366	-	-	-	-	-	-	-	-	-	-
2.1.15) 21X - Organic	-	1.892	-	0.125	-	-	-	-	-	-	-	-
2.1.16) 23X - Organic	-	3.398	-	0.800	-	-	-	-	-	-	-	-
2.1.17) 25X - Organic	-	0.315	-	2.432	-	-	-	-	-	-	-	-
2.1.18) 25X OCO - Organic	-	0.020	-	-	-	-	-	-	-	-	-	-
2.1.19) H5 - Organic	-	0.566	-	-	-	-	-	-	-	-	-	-
2.1.20) H6 - Organic	-	2.609	-	-	-	-	-	-	-	-	-	-
2.1.21) H6 OCO - Organic	-	1.327	-	-	-	-	-	-	-	-	-	-
2.1.22) H8 - Organic	-	5.535	-	1.169	-	-	-	-	-	-	-	-
2.1.23) H10 - Organic	-	4.228	-	2.253	-	-	-	-	-	-	-	-
2.1.24) Prior Installation Cost - Organic	158	1.396	-	-	-	-	-	-	-	-	-	-
<i>Subtotal Recurring</i>		41.617		9.329		2.919		3.242		0.000		3.242
NonRecurring												
2.2.1) Installation Equipment N/R - Organic	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		0.000
<i>Total, Core Avionics Improvements / Upgrades (OSIP 023-04)</i>	608	63.321	72	9.817	153	3.920	150	31.000	-	-	150	31.000
<i>Total, All Modifications</i>		63.321		9.817		3.920		31.000		0.000		31.000
Support												
3.1) Engineering Change Orders	-	0.360	-	-	-	-	-	-	-	-	-	-
3.2) Data	-	0.685	-	-	-	-	-	12.844	-	-	-	12.844
3.3) Training Equipment	-	-	-	-	-	-	-	0.030	-	-	-	0.030

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Core Avionics Improvements / Upgrades (OSIP 023-04) - 10

Models of Systems Affected: F/A-18A-F and EA-18G	Type Modification: Capability and Reliability Improvements	Related RDT&E PEs:
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
3.4) Support Equipment	-	3.340	-	-	-	0.405	-	-	-	-	-	-
3.5) ILS	-	7.843	-	3.229	-	0.133	-	0.759	-	-	-	0.759
3.6) Other Support	-	8.472	-	0.394	-	0.845	-	2.348	-	-	-	2.348
3.7) Interim Contractor Support	-	0.000	-	-	-	-	-	-	-	-	-	-
Total Support Cost		20.700		3.623		1.383		15.981		0.000		15.981
Procurement Cost (Procurement + Support)		84.021		13.440		5.303		46.981		0.000		46.981
Total Installation Cost		0.000		0.000		0.000		1.999		0.000		1.999
Total Cost (Procurement + Support + Installation)		84.021		13.440		5.303		48.980		0.000		48.980

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
Core Avionics Improvements / Upgrades (OSIP 023-04)												
A Kits												
Recurring												
1.1.1) "A" Kits E/F Solid State Recorder & USSR - Organic	-	-	-	-	-	-	-	-	-	-	136	5.045
1.1.2) E "A" Kits Solid State Recorder - NonOrganic	-	-	-	-	-	-	-	-	-	-	40	0.847
1.1.3) F "A" Kits Solid State Recorder - NonOrganic	-	-	-	-	-	-	-	-	-	-	57	1.182
1.1.4) DFIRS A-kits - Organic	30	0.316	90	0.900	90	1.090	88	1.085	-	-	298	3.391
1.1.5) SSR Hi8 - Organic	96	13.531	96	13.507	-	-	-	-	-	-	192	27.038
1.1.6) Display Improvements (HW) - Organic	-	-	-	-	-	-	250	5.000	-	-	250	5.000
1.1.7) Civilian ILS kits (A and B kits combined) - Organic	-	-	-	-	-	-	-	-	-	-	24	3.978
1.1.8) Civilian ILS A-kits - NonOrganic	12	1.344	12	1.344	-	-	9	1.008	-	-	90	10.054
1.1.9) Type 2 Advanced Mission Computer (AMC) kits - NonOrganic ⁽⁷⁾	-	-	-	-	-	-	-	-	-	-	58	0.000
Subtotal Recurring		15.191		15.751		1.090		7.093		0.000		56.535
NonRecurring												

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Core Avionics Improvements / Upgrades (OSIP 023-04) - 10

Models of Systems Affected: F/A-18A-F and EA-18G	Type Modification: Capability and Reliability Improvements	Related RDT&E PEs:
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
1.2.1) Installation Kits N/R - Organic	-	-	-	-	-	-	-	-	-	-	-	33.541
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		33.541
B Kits												
Recurring												
2.1.1) E/F Solid State Recorder - Organic	-	-	-	-	-	-	-	-	-	-	136	5.085
2.1.2) SSR& RMM Test and Check from ECP-6318 - Organic	-	-	-	-	-	-	-	-	-	-	97	0.316
2.1.3) RMM Test and Check from ECP-6318 - Organic	-	-	-	-	-	-	-	-	-	-	97	0.105
2.1.4) SMUG for ECP-6042 - Organic	18	0.611	-	-	-	-	-	-	-	-	59	1.919
2.1.5) Display Improvements (HW) - Organic	-	-	-	-	-	-	250	12.500	-	-	250	12.500
2.1.6) Type 4 Mission Computer - Organic	-	-	-	-	114	28.272	115	28.635	-	-	229	56.907
2.1.7) Single Point data loader (SW) - Organic	-	-	-	10.000	-	10.000	-	-	-	-	-	20.000
2.1.8) MAGR B kits - Organic	-	-	-	-	-	-	-	-	-	-	82	5.000
2.1.9) Civilian ILS mission kits - Organic	12	0.480	-	-	-	-	-	-	-	-	12	0.480
2.1.10) NAVWAR - NonOrganic	-	-	-	-	-	-	60	13.500	-	-	60	13.500
2.1.11) Combined Interrogator Transponder B-kits - Organic	-	-	-	-	-	-	150	15.000	-	-	150	15.000
2.1.12) SCS - Organic	-	-	-	2.296	-	-	-	10.399	-	1,071.000	-	1,086.656
2.1.13) MP/UPC Software - Organic	-	5.821	-	5.191	-	5.240	-	10.250	-	85.000	-	124.403
2.1.14) 20X - Organic	-	-	-	-	-	-	-	-	-	-	-	1.366
2.1.15) 21X - Organic	-	-	-	-	-	-	-	-	-	-	-	2.017
2.1.16) 23X - Organic	-	-	-	-	-	-	-	-	-	-	-	4.198
2.1.17) 25X - Organic	-	-	-	-	-	-	-	-	-	-	-	2.747
2.1.18) 25X OCO - Organic	-	-	-	-	-	-	-	-	-	-	-	0.020
2.1.19) H5 - Organic	-	-	-	-	-	-	-	-	-	-	-	0.566
2.1.20) H6 - Organic	-	-	-	-	-	-	-	-	-	-	-	2.609
2.1.21) H6 OCO - Organic	-	-	-	-	-	-	-	-	-	-	-	1.327
2.1.22) H8 - Organic	-	-	-	-	-	-	-	-	-	-	-	6.704
2.1.23) H10 - Organic	-	-	-	-	-	-	-	-	-	-	-	6.481

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Core Avionics Improvements / Upgrades (OSIP 023-04) - 10

Models of Systems Affected: F/A-18A-F and EA-18G	Type Modification: Capability and Reliability Improvements	Related RDT&E PEs:
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
2.1.24) Prior Installation Cost - Organic	-	-	-	-	-	-	-	-	-	-	158	1,396
<i>Subtotal Recurring</i>		6.912		17.487		43.512		90.284		1,156.000		1,371.302
NonRecurring												
2.2.1) Installation Equipment N/R - Organic	-	1.892	-	13.000	-	-	-	40.000	-	-	-	54.892
<i>Subtotal NonRecurring</i>		1.892		13.000		0.000		40.000		0.000		54.892
<i>Total, Core Avionics Improvements / Upgrades (OSIP 023-04)</i>	168	23.995	198	46.238	204	44.602	922	137.377	-	1,156.000	2,475	1,516.270
<i>Total, All Modifications</i>		23.995		46.238		44.602		137.377		1,156.000		1,516.270
Support												
3.1) Engineering Change Orders	-	-	-	-	-	-	-	-	-	-	-	0.360
3.2) Data	-	33.182	-	44.324	-	28.960	-	29.331	-	75.931	-	225.257
3.3) Training Equipment	-	0.030	-	0.100	-	0.200	-	0.030	-	0.090	-	0.480
3.4) Support Equipment	-	-	-	-	-	-	-	-	-	-	-	3.745
3.5) ILS	-	1.350	-	1.431	-	1.478	-	-	-	-	-	16.223
3.6) Other Support	-	5.815	-	6.041	-	4.588	-	2.591	-	11.979	-	43.073
3.7) Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		40.377		51.896		35.226		31.952		88.000		289.138
<i>Procurement Cost (Procurement + Support)</i>		64.372		98.134		79.828		169.329		1,244.000		1,805.408
<i>Total Installation Cost</i>		3.753		1.918		0.000		0.324		1.500		9.494
Total Cost (Procurement + Support + Installation)		68.125		100.052		79.828		169.653		1,245.500		1,814.902

Remarks:

⁽⁷⁾Type 2 AMC A-kits were procured under BLI 05770 and are being installed under BLI 05250. Type 2 AMC B-kits have been removed from aircraft and replaced with Type 3 AMC kits, so there is no cost for B-kits. The B-kits are O-level installs so there is no associated install cost or schedule for B-kits.

Manufacturer Information: Core Avionics Improvements / Upgrades (OSIP 023-04)	
Manufacturer Name: SSR	Manufacturer Location: N/A
Administrative Leadtime (in Months): 4	Production Leadtime (in Months): 24

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Core Avionics Improvements / Upgrades (OSIP 023-04) - 10

Models of Systems Affected: F/A-18A-F and EA-18G	Type Modification: Capability and Reliability Improvements	Related RDT&E PEs:
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Manufacturer Information: Core Avionics Improvements / Upgrades (OSIP 023-04)

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates	Jan 2011	Jan 2012	Jan 2013				
Delivery Dates	Jan 2013	Jan 2014	Jan 2015				

Manufacturer Name: Civilian ILS	Manufacturer Location: N/A
Administrative Leadtime (<i>in Months</i>): 4	Production Leadtime (<i>in Months</i>): 4

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates			Jan 2013	Jan 2014			
Delivery Dates			May 2013	May 2014			

Manufacturer Name: Type 2 AMC	Manufacturer Location: N/A
Administrative Leadtime (<i>in Months</i>): 0	Production Leadtime (<i>in Months</i>): 0

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates							
Delivery Dates							

Manufacturer Name: NAVWAR	Manufacturer Location: N/A
Administrative Leadtime (<i>in Months</i>): 4	Production Leadtime (<i>in Months</i>): 12

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates							
Delivery Dates							

Installation: Core Avionics Improvements / Upgrades (OSIP 023-04) Method of Implementation: Fleet Readiness Centers Installation Name: SSR

Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	24	0.451	0	0.000	24	0.451
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0525 - F-18 Series
		Modification Nomenclature (<i>Modification Title, Modification Number</i>): Core Avionics Improvements / Upgrades (OSIP 023-04) - 10

Models of Systems Affected: F/A-18A-F and EA-18G	Type Modification: Capability and Reliability Improvements	Related RDT&E PEs:
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Installation: Core Avionics Improvements / Upgrades (OSIP 023-04)	Method of Implementation: Fleet Readiness Centers	Installation Name: SSR
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	24	0.451	0	0.000	24	0.451

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	24	0.451
FY 2012	48	0.917	-	-	-	-	-	-	-	-	48	0.917
FY 2013	-	-	25	0.486	-	-	-	-	-	-	25	0.486
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	48	0.917	25	0.486	-	-	-	-	-	-	97	1.854

Installation Schedule																														
APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	-	-	-	-	-	-	12	12	-	-	24	24	-	-	13	12	-	-	-	-	-	-	-	-	-	-
Out	-	-	-	-	-	-	-	-	-	-	12	12	-	-	24	24	-	-	13	12	-	-	-	-	-	-	-	-	-	-

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Core Avionics Improvements / Upgrades (OSIP 023-04) - 10
Models of Systems Affected: F/A-18A-F and EA-18G	Type Modification: Capability and Reliability Improvements	Related RDT&E PEs:

Installation: Core Avionics Improvements / Upgrades (OSIP 023-04)	Method of Implementation: Depot Level	Installation Name: Civilian ILS A-kits
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	18	0.648	0	0.000	18	0.648
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	18	0.648	0	0.000	18	0.648

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	39	1.404	-	-	-	-	-	-	-	-	57	2.052
FY 2014	12	0.432	-	-	-	-	-	-	-	-	12	0.432
FY 2015	-	-	12	0.432	-	-	-	-	-	-	12	0.432
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	9	0.324	-	-	9	0.324
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	51	1.836	12	0.432	-	-	9	0.324	-	-	90	3.240

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Core Avionics Improvements / Upgrades (OSIP 023-04) - 10

Models of Systems Affected: F/A-18A-F and EA-18G	Type Modification: Capability and Reliability Improvements	Related RDT&E PEs:
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Installation: Core Avionics Improvements / Upgrades (OSIP 023-04)	Method of Implementation: Depot Level	Installation Name: Civilian ILS A-kits
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Installation Schedule																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	-	-	-	-	-	-	-	-	18	10	10	10	21	-	-	-	12	-	-	-	-	-	-	-	9	-	90
Out	-	-	-	-	-	-	-	-	-	-	-	-	18	10	10	10	21	-	-	-	12	-	-	-	-	-	-	-	9	-	90

Installation: Core Avionics Improvements / Upgrades (OSIP 023-04)	Method of Implementation: Depot Field Mod Team	Installation Name: Type 2 Advanced Mission Computer (AMC) kits
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	18	0.900	0	0.000	18	0.900
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	18	0.900	0	0.000	18	0.900

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	20	1.000	20	1.000	-	-	-	-	-	-	58	2.900
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Core Avionics Improvements / Upgrades (OSIP 023-04) - 10
Models of Systems Affected: F/A-18A-F and EA-18G	Type Modification: Capability and Reliability Improvements	Related RDT&E PEs:

Installation: Core Avionics Improvements / Upgrades (OSIP 023-04)		Method of Implementation: Depot Field Mod Team				Installation Name: Type 2 Advanced Mission Computer (AMC) kits						
Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	20	1.000	20	1.000	-	-	-	-	-	-	58	2.900

Installation Schedule																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	-	-	-	-	-	4	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	-	-	-	-	-	58
Out	-	-	-	-	-	-	-	-	-	4	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	-	-	-	-	-	58

Installation: Core Avionics Improvements / Upgrades (OSIP 023-04)		Method of Implementation: Organic Depot Field Mod Team				Installation Name: NAVWAR						
Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0525 - F-18 Series
Models of Systems Affected: F/A-18A-F and EA-18G		Modification Nomenclature (Modification Title, Modification Number): Core Avionics Improvements / Upgrades (OSIP 023-04) - 10
Type Modification: Capability and Reliability Improvements		Related RDT&E PEs:

Installation: Core Avionics Improvements / Upgrades (OSIP 023-04)	Method of Implementation: Organic Depot Field Mod Team	Installation Name: NAVWAR
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Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	60	1.500	60	1.500
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	60	1.500	60	1.500

Installation Schedule																														
APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	60	60	
Out	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	60	60	

Installation: Core Avionics Improvements / Upgrades (OSIP 023-04)	Method of Implementation: Not Installed - "A" Kits E/F Solid State Recorder & USSR	Installation Quantity: 136
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Installation: Core Avionics Improvements / Upgrades (OSIP 023-04)	Method of Implementation: Not Installed - DFIRS A-kits	Installation Quantity: 298
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Installation: Core Avionics Improvements / Upgrades (OSIP 023-04)	Method of Implementation: Not Installed - SSR Hi8	Installation Quantity: 192
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Installation: Core Avionics Improvements / Upgrades (OSIP 023-04)	Method of Implementation: Not Installed - Display Improvements (HW)	Installation Quantity: 250
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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Core Avionics Improvements / Upgrades (OSIP 023-04) - 10
Models of Systems Affected: F/A-18A-F and EA-18G	Type Modification: Capability and Reliability Improvements	Related RDT&E PEs:
Installation: Core Avionics Improvements / Upgrades (OSIP 023-04)	Method of Implementation: Not Installed - Civilian ILS kits (A and B kits combined)	Installation Quantity: 24
Installation: Core Avionics Improvements / Upgrades (OSIP 023-04)	Method of Implementation: Not Installed - E/F Solid State Recorder	Installation Quantity: 136
Installation: Core Avionics Improvements / Upgrades (OSIP 023-04)	Method of Implementation: Not Installed - SSR& RMM Test and Check from ECP-6318	Installation Quantity: 97
Installation: Core Avionics Improvements / Upgrades (OSIP 023-04)	Method of Implementation: Not Installed - RMM Test and Check from ECP-6318	Installation Quantity: 97
Installation: Core Avionics Improvements / Upgrades (OSIP 023-04)	Method of Implementation: Not Installed - SMUG for ECP-6042	Installation Quantity: 59
Installation: Core Avionics Improvements / Upgrades (OSIP 023-04)	Method of Implementation: Not Installed - Display Improvements (HW)	Installation Quantity: 250
Installation: Core Avionics Improvements / Upgrades (OSIP 023-04)	Method of Implementation: Not Installed - Type 4 Mission Computer	Installation Quantity: 229
Installation: Core Avionics Improvements / Upgrades (OSIP 023-04)	Method of Implementation: Not Installed - MAGR B kits	Installation Quantity: 82
Installation: Core Avionics Improvements / Upgrades (OSIP 023-04)	Method of Implementation: Not Installed - Civilian ILS mission kits	Installation Quantity: 12
Installation: Core Avionics Improvements / Upgrades (OSIP 023-04)	Method of Implementation: Not Installed - Combined Interrogator Transponder B-kits	Installation Quantity: 150
Installation: Core Avionics Improvements / Upgrades (OSIP 023-04)	Method of Implementation: Not Installed - Prior Installation Cost	Installation Quantity: 158

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): AESA/AN-APG-65/AN-APG-73 (OSIP 002-07) - 11

Models of Systems Affected: F/A-18A-F and EA-18G	Type Modification: AVIONICS UPGRADE	Related RDT&E PEs:
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	253.378	122.729	67.548	119.586	0.000	119.586	192.359	217.080	295.183	197.038	432.291	1,897.192
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	253.378	122.729	67.548	119.586	0.000	119.586	192.359	217.080	295.183	197.038	432.291	1,897.192
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	253.378	122.729	67.548	119.586	0.000	119.586	192.359	217.080	295.183	197.038	432.291	1,897.192

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

DESCRIPTION/JUSTIFICATION:

The F/A-18E/F and EA-18G program has developed and integrated the AN/APG-79 Active Electronically Scanned Array (AESA) Radio Detection and Ranging (RADAR) system for installation in Lot 26 and subsequent Block II, Super Hornet and Growler aircraft. The integration of the AN/APG-79 AESA RADAR system into the F/A-18E /F and EA18G greatly improves the weapon system's threat detection range, high resolution Synthetic Aperture RADAR (SAR) ground mapping and targeting capability, aircraft survivability and situational awareness. This OSIP also includes non-recurring for reliability and operational safety improvements into the AN/APG-65 and AN/APG-73 Radars. The APG-79 is a significantly more reliable radar system. Various Engineering Change Proposals (ECPs) are currently in work to correct deficiencies, improve overall system reliability and make safety improvements. Some ECP's identified are ECP-6038 which incorporates APG-79 into Lot 26 and subsequent aircraft, ECP-6279 AN/APG-79 (AESA) Radar Producibility Modification, ECP-6297 Radar Bias Converter (RBC) Start-Up Circuit Correction, and ECP-6298 RE102 EMI Correction.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES:

Forward fit of the AN/APG-79 AESA RADAR system began with 8 units in Lot 27, 12 units in Lot 28 and 22 units in Lot 29. Beginning in Lot 30, all F/A-18 E/F and EA-18G aircraft will be forward fit with the AN/APG-79 AESA RADAR. This OSIP includes the retrofit of the AN/APG-79 AESA system into 133 Lot 26-29 F/A-18E/F aircraft previously outfitted with AN/APG-73. Obsolescence is included for the AN/APG-79 AESA to address non-recurring activities driven by vanishing suppliers and limited military demand for commercial parts/components. The procurement of kits commenced in FY 2008 with the first installation occurring in FY 2009. The installation of kits will be accomplished by a Fleet Support Team traveling to two locations (NAS Oceana and NAS Lemoore) and executing the retrofit or aircraft by squadron. This OSIP also includes funds to support ECP 508 that converts some AN/APG-65 radars to AN/APG-73 and non-recurring for reliability and operational safety improvements /obsolescence into the AN/APG-65 and AN/APG-73-RADAR's. FY 2009 Congressional funding (\$7.6M) received for Expand 4/5 funding for software integration and to procure 3 Hardware Kits. FY 2009 OCO funding (\$10M) received for Target Location Error Integration / Electronic Protection Integration.

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): AESAN-AN-APG-65/AN-APG-73 (OSIP 002-07) - 11

Models of Systems Affected: F/A-18A-F and EA-18G	Type Modification: AVIONICS UPGRADE	Related RDT&E PEs:
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
AESAN-AN-APG-65/AN-APG-73 (OSIP 002-07)												
A Kits												
Recurring												
1.1.1) B KIT 2 - Radome (ECP-6038) - NonOrganic	11	5.467	24	8.942	21	8.718	24	8.712	-	-	24	8.712
<i>Subtotal Recurring</i>		5.467		8.942		8.718		8.712		0.000		8.712
NonRecurring												
1.2.1) Installation Kits N/R - Organic	-	2.295	-	-	-	-	-	-	-	-	-	-
<i>Subtotal NonRecurring</i>		2.295		0.000		0.000		0.000		0.000		0.000
B Kits												
Recurring												
2.1.1) Retrofit RADARS (APG-79B) - Organic ⁽⁸⁾	40	114.150	29	80.948	3	8.415	-	-	-	-	-	-
2.1.2) Modules Kits (WRAs) (ECP-6279) - Organic ⁽⁹⁾	30	12.300	13	6.152	8	4.406	53	25.324	-	-	53	25.324
2.1.3) RBC Startup Circuit (ECP-6297) - Organic	17	0.112	-	-	-	-	-	-	-	-	-	-
2.1.4) EMI Upgrade(ECP-6298) - Organic	20	1.399	-	-	-	-	-	-	-	-	-	-
2.1.5) Expand 4/5 SMPE - Organic	40	2.289	-	-	-	-	-	-	-	-	-	-
2.1.6) Expand 4/5 Kits (OCO) - Organic	38	18.438	-	-	-	-	-	-	-	-	-	-
2.1.7) GPP3 Step 2 (ECP 6381) - Organic	-	-	-	-	-	-	-	-	-	-	-	-
2.1.8) Static Discharge software mod - Organic	-	10.000	-	-	-	2.000	-	-	-	-	-	-
2.1.9) VP ASIC (ECP 6383) - Organic	-	5.525	-	-	-	-	-	-	-	-	-	-
2.1.10) 5th and 6th Channel (ECP 6344) - Organic	-	-	-	-	-	-	-	-	-	-	-	-
2.1.11) Waveform Generator HW (ECP 6346) - Organic	-	-	-	-	-	-	-	-	-	-	-	-
2.1.12) Waveform Generator FW (ECP 6346) - Organic	-	-	-	-	-	-	-	-	-	-	-	-
2.1.13) APG-65/73 obsolescence - Organic	-	-	-	-	-	2.787	-	5.224	-	-	-	5.224
2.1.14) APG-79 obsolescence - Organic	-	-	-	7.855	-	1.544	-	4.038	-	-	-	4.038
<i>Subtotal Recurring</i>		164.213		94.955		19.152		34.586		0.000		34.586
NonRecurring												

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): AESA/AN-APG-65/AN-APG-73 (OSIP 002-07) - 11

Models of Systems Affected: F/A-18A-F and EA-18G	Type Modification: AVIONICS UPGRADE	Related RDT&E PEs:
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
2.2.1) Installation Equipment N/R - Organic	-	15.561	-	4.949	-	34.546	-	68.606	-	-	-	68.606
<i>Subtotal NonRecurring</i>		15.561		4.949		34.546		68.606		0.000		68.606
<i>Total, AESA/AN-APG-65/AN-APG-73 (OSIP 002-07)</i>	196	187.536	66	108.846	32	62.416	77	111.904	-	-	77	111.904
<i>Total, All Modifications</i>		187.536		108.846		62.416		111.904		0.000		111.904
Support												
3.1) Engineering Change Orders	-	29.703	-	10.325	-	-	-	-	-	-	-	-
3.2) Data	-	1.489	-	-	-	-	-	-	-	-	-	-
3.3) Training Equipment	-	0.000	-	-	-	-	-	-	-	-	-	-
3.4) Support Equipment	-	1.248	-	-	-	0.847	-	-	-	-	-	-
3.5) ILS	-	0.000	-	-	-	-	-	-	-	-	-	-
3.6) Other Support	-	33.402	-	3.558	-	3.585	-	4.882	-	-	-	4.882
3.7) Interim Contractor Support	-	0.000	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		65.842		13.883		4.432		4.882		0.000		4.882
<i>Procurement Cost (Procurement + Support)</i>		253.378		122.729		66.848		116.786		0.000		116.786
<i>Total Installation Cost</i>		0.000		0.000		0.700		2.800		0.000		2.800
Total Cost (Procurement + Support + Installation)		253.378		122.729		67.548		119.586		0.000		119.586

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
AESA/AN-APG-65/AN-APG-73 (OSIP 002-07)												
A Kits												
Recurring												
1.1.1) B KIT 2 - Radome (ECP-6038) - NonOrganic	36	16.280	17	7.820	-	-	-	-	-	-	133	55.939
<i>Subtotal Recurring</i>		16.280		7.820		0.000		0.000		0.000		55.939
NonRecurring												
1.2.1) Installation Kits N/R - Organic	-	-	-	-	-	-	-	-	-	-	-	2.295
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		2.295

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Exhibit P-3A, Individual Modification: PB 2013 Navy									Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0525 - F-18 Series					Modification Nomenclature (<i>Modification Title, Modification Number</i>): AESA/AN-APG-65/AN-APG-73 (OSIP 002-07) - 11			
Models of Systems Affected: F/A-18A-F and EA-18G			Type Modification: AVIONICS UPGRADE				Related RDT&E PEs:					
Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
B Kits												
Recurring												
2.1.1) Retrofit RADARS (APG-79B) - Organic ⁽⁸⁾	11	44.000	24	96.000	26	104.000	-	-	-	-	133	447.513
2.1.2) Modules Kits (WRAs) (ECP-6279) - Organic ⁽⁹⁾	64	36.000	-	-	-	-	-	-	-	-	168	84.182
2.1.3) RBC Startup Circuit (ECP-6297) - Organic	-	-	-	-	-	-	-	-	-	-	17	0.112
2.1.4) EMI Upgrade(ECP-6298) - Organic	-	-	-	-	-	-	-	-	-	-	20	1.399
2.1.5) Expand 4/5 SMPE - Organic	-	-	-	-	-	-	-	-	-	-	40	2.289
2.1.6) Expand 4/5 Kits (OCO) - Organic	-	-	-	-	-	-	-	-	-	-	38	18.438
2.1.7) GPP3 Step 2 (ECP 6381) - Organic	-	-	29	17.558	170	90.000	170	90.000	171	90.000	540	287.558
2.1.8) Static Discharge software mod - Organic	-	-	-	-	-	-	-	-	-	-	-	12.000
2.1.9) VP ASIC (ECP 6383) - Organic	-	-	-	-	-	-	-	-	-	-	-	5.525
2.1.10) 5th and 6th Channel (ECP 6344) - Organic	-	-	-	-	-	-	0	0.000	540	304.301	540	304.301
2.1.11) Waveform Generator HW (ECP 6346) - Organic	-	-	-	-	130	16.626	130	14.767	128	14.034	388	45.427
2.1.12) Waveform Generator FW (ECP 6346) - Organic	-	-	30	0.370	31	0.380	-	-	62	0.760	123	1.510
2.1.13) APG-65/73 obsolescence - Organic	-	10.041	-	11.294	-	6.822	-	15.560	-	-	-	51.728
2.1.14) APG-79 obsolescence - Organic	-	9.888	-	11.211	-	7.816	-	15.603	-	-	-	57.955
<i>Subtotal Recurring</i>		99.929		136.433		225.644		135.930		409.095		1,319.937
NonRecurring												
2.2.1) Installation Equipment N/R - Organic	-	67.926	-	64.677	-	59.652	-	46.747	-	10.000	-	372.664
<i>Subtotal NonRecurring</i>		67.926		64.677		59.652		46.747		10.000		372.664
<i>Total, AESA/AN-APG-65/AN-APG-73 (OSIP 002-07)</i>	111	184.135	100	208.930	357	285.296	300	182.677	901	419.095	2,140	1,750.835
<i>Total, All Modifications</i>		184.135		208.930		285.296		182.677		419.095		1,750.835
Support												
3.1) Engineering Change Orders	-	-	-	-	-	-	-	-	-	-	-	40.028
3.2) Data	-	-	-	-	-	-	-	-	-	-	-	1.489
3.3) Training Equipment	-	-	-	-	-	-	-	-	-	-	-	-
3.4) Support Equipment	-	-	-	-	-	-	-	-	-	-	-	2.095

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): AESAN-AN-APG-65/AN-APG-73 (OSIP 002-07) - 11

Models of Systems Affected: F/A-18A-F and EA-18G	Type Modification: AVIONICS UPGRADE	Related RDT&E PEs:
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
3.5) ILS	-	-	-	-	-	-	-	-	-	-	-	-
3.6) Other Support	-	6.124	-	5.750	-	6.287	-	12.661	-	13.196	-	89.445
3.7) Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	-
Total Support Cost		6.124		5.750		6.287		12.661		13.196		133.057
Procurement Cost (Procurement + Support)		190.259		214.680		291.583		195.338		432.291		1,883.892
Total Installation Cost		2.100		2.400		3.600		1.700		0.000		13.300
Total Cost (Procurement + Support + Installation)		192.359		217.080		295.183		197.038		432.291		1,897.192

Remarks:

⁽⁸⁾RADARs are O-level installs and have no related install cost/schedule.

⁽⁹⁾ECP 6279 installs are O-level installs and have no related install cost/schedule.

Manufacturer Information: AESA/AN-APG-65/AN-APG-73 (OSIP 002-07)

Manufacturer Name: ECP 6038	Manufacturer Location: N/A
Administrative Leadtime (in Months): 6	Production Leadtime (in Months): 24

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates	Mar 2011	Mar 2012	Mar 2013	Mar 2014			
Delivery Dates	Mar 2013	Mar 2014	Mar 2015	Mar 2016			

Installation: AESA/AN-APG-65/AN-APG-73 (OSIP 002-07) **Method of Implementation:** Field Mod Teams **Installation Name:** B KIT 2 - Radome (ECP-6038)

Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	7	0.700	4	0.400	0	0.000	4	0.400
FY 2011	-	-	-	-	-	-	24	2.400	0	0.000	24	2.400
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0525 - F-18 Series
Modification Nomenclature (Modification Title, Modification Number): AESA/AN-APG-65/AN-APG-73 (OSIP 002-07) - 11		

Models of Systems Affected: F/A-18A-F and EA-18G	Type Modification: AVIONICS UPGRADE	Related RDT&E PEs:
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Installation: AESA/AN-APG-65/AN-APG-73 (OSIP 002-07)	Method of Implementation: Field Mod Teams	Installation Name: B KIT 2 - Radome (ECP-6038)
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	7	0.700	28	2.800	0	0.000	28	2.800

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	11	1.100
FY 2011	-	-	-	-	-	-	-	-	-	-	24	2.400
FY 2012	21	2.100	-	-	-	-	-	-	-	-	21	2.100
FY 2013	-	-	24	2.400	-	-	-	-	-	-	24	2.400
FY 2014	-	-	-	-	36	3.600	-	-	-	-	36	3.600
FY 2015	-	-	-	-	-	-	17	1.700	-	-	17	1.700
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	21	2.100	24	2.400	36	3.600	17	1.700	-	-	133	13.300

Installation Schedule																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	-	1	2	2	2	2	2	10	14	-	-	11	10	-	-	12	12	-	-	18	18	-	-	9	8	-	133
Out	-	-	-	-	-	1	2	2	2	2	2	10	14	-	-	11	10	-	-	12	12	-	-	18	18	-	-	9	8	-	133

Installation: AESA/AN-APG-65/AN-APG-73 (OSIP 002-07)	Method of Implementation: Not Installed - Retrofit RADARS (APG-79B)	Installation Quantity: 133
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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): AESA/AN-APG-65/AN-APG-73 (OSIP 002-07) - 11
Models of Systems Affected: F/A-18A-F and EA-18G	Type Modification: AVIONICS UPGRADE	Related RDT&E PEs:
Installation: AESA/AN-APG-65/AN-APG-73 (OSIP 002-07)	Method of Implementation: Not Installed - Modules Kits (WRAs) (ECP-6279)	Installation Quantity: 168
Installation: AESA/AN-APG-65/AN-APG-73 (OSIP 002-07)	Method of Implementation: Not Installed - RBC Startup Circuit (ECP-6297)	Installation Quantity: 17
Installation: AESA/AN-APG-65/AN-APG-73 (OSIP 002-07)	Method of Implementation: Not Installed - EMI Upgrade(ECP-6298)	Installation Quantity: 20
Installation: AESA/AN-APG-65/AN-APG-73 (OSIP 002-07)	Method of Implementation: Not Installed - Expand 4/5 SMPE	Installation Quantity: 40
Installation: AESA/AN-APG-65/AN-APG-73 (OSIP 002-07)	Method of Implementation: Not Installed - Expand 4/5 Kits (OCO)	Installation Quantity: 38
Installation: AESA/AN-APG-65/AN-APG-73 (OSIP 002-07)	Method of Implementation: Not Installed - GPP3 Step 2 (ECP 6381)	Installation Quantity: 540
Installation: AESA/AN-APG-65/AN-APG-73 (OSIP 002-07)	Method of Implementation: Not Installed - 5th and 6th Channel (ECP 6344)	Installation Quantity: 540
Installation: AESA/AN-APG-65/AN-APG-73 (OSIP 002-07)	Method of Implementation: Not Installed - Waveform Generator HW (ECP 6346)	Installation Quantity: 388
Installation: AESA/AN-APG-65/AN-APG-73 (OSIP 002-07)	Method of Implementation: Not Installed - Waveform Generator FW (ECP 6346)	Installation Quantity: 123

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Exhibit P-3A, Individual Modification: PB 2013 Navy							Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0525 - F-18 Series				Modification Nomenclature <i>(Modification Title, Modification Number):</i> EW Unique (OSIP 021-08) - 12				
Models of Systems Affected: F/A-18C/D ALR-67(V)3 Retrofit			Type Modification: Capability Improvements				Related RDT&E PEs:					

Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	100.681	35.000	5.271	0.000	0.000	0.000	0.574	0.772	0.774	0.000	0.000	143.072
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	100.681	35.000	5.271	0.000	0.000	0.000	0.574	0.772	0.774	0.000	0.000	143.072
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	100.681	35.000	5.271	0.000	0.000	0.000	0.574	0.772	0.774	0.000	0.000	143.072

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

DESCRIPTION/JUSTIFICATION:

Purchase additional ALR-67(V)3 RWR systems to be used to retrofit F/A-18C/D platforms. These systems will replace existing ALR-67(V)2 systems. This will significantly increase aircrew survivability in the legacy F/A-18. The repetitive obsolescence issues of the V(2) system is a consistent issue in the F/A-18 community. The F/A-18 is flying missions in direct support of troops on the ground in Iraq and Afghanistan. The RWR ALR-67(V)3 is the threat recognition providing Situational Awareness for the aircrew and is vital to their own safety as well as providing the opportunity to support the ground troops. If not funded, there would be a greater risk of lost aircraft and aircrew in a hostile environment, and loss of ability to provide close air support for ground missions and possible Blue on Blue Fratricide. The OSIP also performs required safety of flight modifications, address obsolescence issues, sustainment, and incorporate system improvements for all Electronic Warfare unique requirements. ALQ-214(V)5 kit procurement is required for integration testing to determine ALR-67(V)3 and ALQ-214(V)5 compatibility.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: V(3) Development and Integration efforts started in FY10 and delivery and installs of A-kits to begin in FY14. IOC is planned for second quarter of FY14.

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): EW Unique (OSIP 021-08) - 12
Models of Systems Affected: F/A-18C/D ALR-67(V)3 Retrofit	Type Modification: Capability Improvements	Related RDT&E PEs:

Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
EW Unique (OSIP 021-08)												
A Kits												
Recurring												
1.1.1) OCO ALR 67(V)3 - NonOrganic	50	4.987	56	5.587	-	-	-	-	-	-	-	-
<i>Subtotal Recurring</i>		4.987		5.587		0.000		0.000		0.000		0.000
NonRecurring												
1.2.1) Installation Kits N/R - Organic	-	3.105	-	4.700	-	-	-	-	-	-	-	-
<i>Subtotal NonRecurring</i>		3.105		4.700		0.000		0.000		0.000		0.000
B Kits												
Recurring												
2.1.1) F/A-18C/D ALR-67(V)3 Retrofit - Organic	89	87.390	7	6.885	-	-	-	-	-	-	-	-
2.1.2) ALR 67(V)3 (OCO) - Organic	-	-	6	6.000	-	-	-	-	-	-	-	-
2.1.3) ALR-67(V)3 S/W integration - Organic	-	-	-	5.618	-	-	-	-	-	-	-	-
2.1.4) ALR 67(V)3 RWR G4 - Organic	-	-	-	-	7	1.211	-	-	-	-	-	-
2.1.5) ALR 67(V)3 OPR/DCR - Organic	-	-	-	-	28	4.060	-	-	-	-	-	-
<i>Subtotal Recurring</i>		87.390		18.503		5.271		0.000		0.000		0.000
NonRecurring												
2.2.1) Installation Equipment N/R - Organic	-	-	-	0.800	-	-	-	-	-	-	-	-
<i>Subtotal NonRecurring</i>		0.000		0.800		0.000		0.000		0.000		0.000
<i>Total, EW Unique (OSIP 021-08)</i>	139	95.482	69	29.590	35	5.271	-	-	-	-	-	-
<i>Total, All Modifications</i>		95.482		29.590		5.271		0.000		0.000		0.000
Support												
3.1) Engineering Change Orders	-	0.000	-	-	-	-	-	-	-	-	-	-
3.2) Data	-	0.316	-	0.652	-	-	-	-	-	-	-	-
3.3) Training Equipment	-	0.000	-	-	-	-	-	-	-	-	-	-
3.4) Support Equipment	-	4.883	-	0.700	-	-	-	-	-	-	-	-
3.5) ILS	-	0.000	-	-	-	-	-	-	-	-	-	-

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): EW Unique (OSIP 021-08) - 12

Models of Systems Affected: F/A-18C/D ALR-67(V)3 Retrofit	Type Modification: Capability Improvements	Related RDT&E PEs:
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
3.6) Other Support	-	-	-	4.058	-	-	-	-	-	-	-	-
3.7) Interim Contractor Support	-	0.000	-	-	-	-	-	-	-	-	-	-
Total Support Cost		5.199		5.410		0.000		0.000		0.000		0.000
Procurement Cost (Procurement + Support)		100.681		35.000		5.271		0.000		0.000		0.000
Total Installation Cost		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		100.681		35.000		5.271		0.000		0.000		0.000

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
EW Unique (OSIP 021-08)												
A Kits												
Recurring												
1.1.1) OCO ALR 67(V)3 - NonOrganic	-	-	-	-	-	-	-	-	-	-	106	10.574
Subtotal Recurring		0.000		0.000		0.000		0.000		0.000		10.574
NonRecurring												
1.2.1) Installation Kits N/R - Organic	-	-	-	-	-	-	-	-	-	-	-	7.805
Subtotal NonRecurring		0.000		0.000		0.000		0.000		0.000		7.805
B Kits												
Recurring												
2.1.1) F/A-18C/D ALR-67(V)3 Retrofit - Organic	-	-	-	-	-	-	-	-	-	-	96	94.275
2.1.2) ALR 67(V)3 (OCO) - Organic	-	-	-	-	-	-	-	-	-	-	6	6.000
2.1.3) ALR-67(V)3 S/W integration - Organic	-	-	-	-	-	-	-	-	-	-	-	5.618
2.1.4) ALR 67(V)3 RWR G4 - Organic	-	-	-	-	-	-	-	-	-	-	7	1.211
2.1.5) ALR 67(V)3 OPR/DCR - Organic	-	-	-	-	-	-	-	-	-	-	28	4.060
Subtotal Recurring		0.000		0.000		0.000		0.000		0.000		111.164
NonRecurring												
2.2.1) Installation Equipment N/R - Organic	-	-	-	-	-	-	-	-	-	-	-	0.800

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0525 - F-18 Series
Models of Systems Affected: F/A-18C/D ALR-67(V)3 Retrofit		Type Modification: Capability Improvements
Related RDT&E PEs:		
Modification Nomenclature (Modification Title, Modification Number): EW Unique (OSIP 021-08) - 12		

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		0.800
<i>Total, EW Unique (OSIP 021-08)</i>	-	-	-	-	-	-	-	-	-	-	243	130.343
<i>Total, All Modifications</i>		0.000		0.000		0.000		0.000		0.000		130.343
Support												
3.1) Engineering Change Orders	-	-	-	-	-	-	-	-	-	-	-	-
3.2) Data	-	-	-	-	-	-	-	-	-	-	-	0.968
3.3) Training Equipment	-	-	-	-	-	-	-	-	-	-	-	-
3.4) Support Equipment	-	-	-	-	-	-	-	-	-	-	-	5.583
3.5) ILS	-	-	-	-	-	-	-	-	-	-	-	-
3.6) Other Support	-	-	-	-	-	-	-	-	-	-	-	4.058
3.7) Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		0.000		0.000		0.000		0.000		0.000		10.609
<i>Procurement Cost (Procurement + Support)</i>		0.000		0.000		0.000		0.000		0.000		140.952
<i>Total Installation Cost</i>		0.574		0.772		0.774		0.000		0.000		2.120
Total Cost (Procurement + Support + Installation)		0.574		0.772		0.774		0.000		0.000		143.072

Remarks:

Manufacturer Information: EW Unique (OSIP 021-08)							
Manufacturer Name: ALR-67(V)3				Manufacturer Location: N/A			
Administrative Leadtime (in Months): 4				Production Leadtime (in Months): 42			
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates	Jun 2011						
Delivery Dates	Oct 2014						

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0525 - F-18 Series
Models of Systems Affected: F/A-18C/D ALR-67(V)3 Retrofit		Type Modification: Capability Improvements
Related RDT&E PEs:		

Installation: EW Unique (OSIP 021-08)	Method of Implementation: Field Mod Teams	Installation Name: OCO ALR 67(V)3
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	-	-

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	36	0.574	14	0.228	-	-	-	-	-	-	50	0.802
FY 2011	-	-	34	0.544	22	0.774	-	-	-	-	56	1.318
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	36	0.574	48	0.772	22	0.774	-	-	-	-	106	2.120

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): EW Unique (OSIP 021-08) - 12
Models of Systems Affected: F/A-18C/D ALR-67(V)3 Retrofit	Type Modification: Capability Improvements	Related RDT&E PEs:

Installation: EW Unique (OSIP 021-08)	Method of Implementation: Field Mod Teams	Installation Name: OCO ALR 67(V)3
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Installation Schedule																																
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot	
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4			
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	12	12	12	12	12	12	12	12	10	-	-	-	-	-	-	-	106
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	12	12	12	12	12	12	12	12	10	-	-	-	-	-	-	-	106

Installation: EW Unique (OSIP 021-08)	Method of Implementation: Not Installed - F/A-18C/D ALR-67(V)3 Retrofit	Installation Quantity: 96
Installation: EW Unique (OSIP 021-08)	Method of Implementation: Not Installed - ALR 67(V)3 (OCO)	Installation Quantity: 6
Installation: EW Unique (OSIP 021-08)	Method of Implementation: Not Installed - ALR 67(V)3 RWR G4	Installation Quantity: 7
Installation: EW Unique (OSIP 021-08)	Method of Implementation: Not Installed - ALR 67(V)3 OPR/DCR	Installation Quantity: 28

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Network Centric Operations: OSIP 001-10 - 13

Models of Systems Affected: F/A-18A-F and EA-18G **Type Modification:** Avionics Upgrade **Related RDT&E PEs:**

Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	30.323	34.408	50.360	42.611	0.000	42.611	50.456	53.892	35.975	34.547	68.746	401.318
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	30.323	34.408	50.360	42.611	0.000	42.611	50.456	53.892	35.975	34.547	68.746	401.318
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	30.323	34.408	50.360	42.611	0.000	42.611	50.456	53.892	35.975	34.547	68.746	401.318

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

DESCRIPTION/JUSTIFICATION:

OSIP 001-10 will implement a common configuration and capability across all F/A-18E/F Block 2 aircraft. Improving platform performance in all mission areas including SuW, Air-to-Air, Strike, Suppression of Enemy Air Defenses (SEAD)/Defensive Electronic Counter Measurements (DECD) and interoperability which will result in a reduction of a number of aircraft and weapons to execute SuW and Strike missions in most stressing scenarios, decrease in time on target to execute SuW, SEAD/DECD missions in MCO scenarios and will improve survivability due to decreased time on target.

The F/A-18 program has developed and integrated multiple systems to be installed in Lot 26 and subsequent Block 2 aircraft. The integration of the systems: Distributed Targeting System (DTS), Digital Memory Unit, Advanced Navigation, Upgraded Solid State Recorder, Digital Cueing Systems and G4 Processor, and Interoperability modifications due to MIDS LVT and DCS radio Mil-Std will greatly improve the weapon systems threat capability. This OSIP will implement the required architecture in support of NAVPLAN 2030. The ANAV retrofit implements an advanced Inertial Navigation System/Global Positioning System (INS/GPS) that increases platform navigation accuracy and smart weapon targeting solutions.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES:

DMD, ANAV, DCR, G4/OPR are fully developed and delivered with Lot 30 and above in FY 2008. Distributed Targeting System, PR09 funded issue is currently under development and planned to be completed in FY 2012 with IOC in FY 2012. ECPs included: ANAV xxx1, DMD: ECP xxx2, DTP/MSU: ECP xxx3, DCR: ECP xxx4, G4/OPR: ECP xxx5, USSR: ECP 6318 and Interoperability: ECP: xxx7

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Exhibit P-3A, Individual Modification: PB 2013 Navy								Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0525 - F-18 Series				Modification Nomenclature (<i>Modification Title, Modification Number</i>): Network Centric Operations: OSIP 001-10 - 13					
Models of Systems Affected: F/A-18A-F and EA-18G			Type Modification: Avionics Upgrade					Related RDT&E PEs:					
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
Network Centric Operations: OSIP 001-10													
A Kits													
Recurring													
1.1.1) USSR A-Kit - NonOrganic ⁽¹⁰⁾	17	0.766	50	2.581	40	2.086	30	1.603	-	-	30	1.603	
1.1.2) DTS A KITS (LOTS 26-29) - NonOrganic	-	-	2	0.804	41	17.249	36	13.797	-	-	36	13.797	
1.1.3) DMD A Kit (LOTS 26-29) - NonOrganic	-	-	-	-	29	8.865	50	4.343	-	-	50	4.343	
<i>Subtotal Recurring</i>		0.766		3.385		28.200		19.743		0.000		19.743	
NonRecurring													
1.2.1) Installation Kits N/R - Organic	-	2.997	-	7.246	-	9.884	-	-	-	-	-	-	
<i>Subtotal NonRecurring</i>		2.997		7.246		9.884		0.000		0.000		0.000	
B Kits													
Recurring													
2.1.1) ANAV kit with WRA - NonOrganic ⁽¹¹⁾	-	-	-	-	12	1.734	36	5.324	-	-	36	5.324	
2.1.2) ANAV gyros (LOTB) - Organic ⁽¹²⁾	552	7.894	-	-	-	-	-	-	-	-	-	-	
2.1.3) DTS B kits (lots 30 and above) - Organic	-	-	28	9.660	18	5.807	22	7.909	-	-	22	7.909	
2.1.4) DTS Solid State Disk upgrade - Organic	-	-	-	-	-	-	-	-	-	-	-	-	
2.1.5) ALR 67(V)3 RWR G4 - Organic	29	3.234	27	3.182	-	-	-	-	-	-	-	-	
2.1.6) ALR 67(V)3 OPR/DCR - Organic	33	7.800	19	4.709	-	-	-	-	-	-	-	-	
2.1.7) USSR Operational RMMs - Organic	17	0.110	50	0.519	40	0.371	30	0.221	-	-	30	0.221	
<i>Subtotal Recurring</i>		19.038		18.070		7.912		13.454		0.000		13.454	
<i>Total, Network Centric Operations: OSIP 001-10</i>	648	22.801	176	28.701	180	45.996	204	33.197	-	-	204	33.197	
<i>Total, All Modifications</i>		22.801		28.701		45.996		33.197		0.000		33.197	
Support													
3.1) Engineering Change Orders	-	0.000	-	-	-	-	-	-	-	-	-	-	
3.2) Data	-	2.210	-	0.224	-	0.300	-	-	-	-	-	-	
3.3) Training Equipment	-	-	-	-	-	0.600	-	-	-	-	-	-	

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Network Centric Operations: OSIP 001-10 - 13

Models of Systems Affected: F/A-18A-F and EA-18G	Type Modification: Avionics Upgrade	Related RDT&E PEs:										
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
3.4) Support Equipment	-	-	-	1.991	-	0.820	-	1.417	-	-	-	1.417
3.5) ILS	-	0.320	-	0.135	-	0.618	-	0.496	-	-	-	0.496
3.6) Other Support	-	4.992	-	3.078	-	1.842	-	5.337	-	-	-	5.337
3.7) Interim Contractor Support	-	0.000	-	-	-	-	-	-	-	-	-	-
Total Support Cost		7.522		5.428		4.180		7.250		0.000		7.250
Procurement Cost (Procurement + Support)		30.323		34.129		50.176		40.447		0.000		40.447
Total Installation Cost		0.000		0.279		0.184		2.164		0.000		2.164
Total Cost (Procurement + Support + Installation)		30.323		34.408		50.360		42.611		0.000		42.611

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
Network Centric Operations: OSIP 001-10												
A Kits												
Recurring												
1.1.1) USSR A-Kit - NonOrganic ⁽¹⁰⁾	16	0.874	6	0.340	-	-	-	-	-	-	159	8.250
1.1.2) DTS A KITS (LOTS 26-29) - NonOrganic	48	17.489	46	15.083	-	-	-	-	-	-	173	64.422
1.1.3) DMD A Kit (LOTS 26-29) - NonOrganic	60	5.400	12	1.080	12	1.080	10	0.950	-	-	173	21.718
Subtotal Recurring		23.763		16.503		1.080		0.950		0.000		94.390
NonRecurring												
1.2.1) Installation Kits N/R - Organic	-	2.000	-	4.900	-	-	-	2.800	-	-	-	29.827
Subtotal NonRecurring		2.000		4.900		0.000		2.800		0.000		29.827
B Kits												
Recurring												
2.1.1) ANAV kit with WRA - NonOrganic ⁽¹¹⁾	52	7.850	46	7.085	23	3.613	6	0.961	-	-	175	26.567
2.1.2) ANAV gyros (LOTB) - Organic ⁽¹²⁾	-	-	-	-	-	-	-	-	-	-	552	7.894
2.1.3) DTS B kits (lots 30 and above) - Organic	17	6.239	43	15.685	43	16.005	43	16.328	151	57.380	365	135.013

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Network Centric Operations: OSIP 001-10 - 13

Models of Systems Affected: F/A-18A-F and EA-18G	Type Modification: Avionics Upgrade	Related RDT&E PEs:
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
2.1.4) DTS Solid State Disk upgrade - Organic	-	-	-	-	150	5.100	150	5.250	-	-	300	10.350
2.1.5) ALR 67(V)3 RWR G4 - Organic	-	-	-	-	-	-	-	-	-	-	56	6.416
2.1.6) ALR 67(V)3 OPR/DCR - Organic	-	-	-	-	-	-	-	-	-	-	52	12.509
2.1.7) USSR Operational RMMs - Organic	16	0.120	6	0.047	-	-	-	-	-	-	159	1.388
<i>Subtotal Recurring</i>		14.209		22.817		24.718		22.539		57.380		200.137
<i>Total, Network Centric Operations: OSIP 001-10</i>	209	39.972	159	44.220	228	25.798	209	26.289	151	57.380	2,164	324.354
<i>Total, All Modifications</i>		39.972		44.220		25.798		26.289		57.380		324.354
Support												
3.1) Engineering Change Orders	-	-	-	-	-	-	-	-	-	-	-	-
3.2) Data	-	-	-	-	-	-	-	-	-	-	-	2.734
3.3) Training Equipment	-	-	-	-	-	-	-	-	-	-	-	0.600
3.4) Support Equipment	-	2.604	-	0.809	-	0.871	-	0.699	-	4.250	-	13.461
3.5) ILS	-	0.437	-	0.336	-	0.647	-	0.696	-	3.000	-	6.685
3.6) Other Support	-	3.796	-	4.375	-	6.441	-	5.551	-	3.530	-	38.942
3.7) Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		6.837		5.520		7.959		6.946		10.780		62.422
<i>Procurement Cost (Procurement + Support)</i>		46.809		49.740		33.757		33.235		68.160		386.776
<i>Total Installation Cost</i>		3.647		4.152		2.218		1.312		0.586		14.542
Total Cost (Procurement + Support + Installation)		50.456		53.892		35.975		34.547		68.746		401.318

Remarks:

- (10) Quantity of USSR installs is greater than kit procurement due to 19 kits procured previously in OSIP 23-04.
- (11) ANAV install kits (A-kits), previously identified as A2 and A3 kits, are now being incorporated into the install equipment (B-kit). As a result, the A2 and A3 install kit lines have been removed.
- (12) Due to obsolescence issue, a Life of Type buy for ANAV gyros was procured in FY10.

Manufacturer Information: Network Centric Operations: OSIP 001-10	
Manufacturer Name: USSR	Manufacturer Location: N/A
Administrative Leadtime (in Months): 6	Production Leadtime (in Months): 18

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Network Centric Operations: OSIP 001-10 - 13

Models of Systems Affected: F/A-18A-F and EA-18G	Type Modification: Avionics Upgrade	Related RDT&E PEs:
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Manufacturer Information: Network Centric Operations: OSIP 001-10

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates	Mar 2011	Mar 2012	Mar 2013	Mar 2014			
Delivery Dates	Oct 2012	Oct 2013	Oct 2014	Oct 2015			

Manufacturer Name: DTS	Manufacturer Location: N/A
Administrative Leadtime (<i>in Months</i>): 6	Production Leadtime (<i>in Months</i>): 18

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates	Mar 2011	Mar 2012	Mar 2013	Mar 2014			
Delivery Dates	Oct 2012	Oct 2013	Oct 2014	Oct 2015			

Manufacturer Name: DMD	Manufacturer Location: N/A
Administrative Leadtime (<i>in Months</i>): 4	Production Leadtime (<i>in Months</i>): 8

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates		Jan 2012	Jan 2013	Jan 2014			
Delivery Dates		Sep 2012	Sep 2013	Sep 2014			

Manufacturer Name: ANAV	Manufacturer Location: N/A
Administrative Leadtime (<i>in Months</i>): 4	Production Leadtime (<i>in Months</i>): 18

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates		Jan 2012	Jan 2013	Jan 2014			
Delivery Dates		Jun 2013	Jun 2014	Jun 2015			

Installation: Network Centric Operations: OSIP 001-10 **Method of Implementation:** Field Mod Team **Installation Name:** USSR A-Kit

Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	19	0.279	17	0.064	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	50	0.759	0	0.000	50	0.759
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0525 - F-18 Series
		Modification Nomenclature (<i>Modification Title, Modification Number</i>): Network Centric Operations: OSIP 001-10 - 13

Models of Systems Affected: F/A-18A-F and EA-18G	Type Modification: Avionics Upgrade	Related RDT&E PEs:
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Installation: Network Centric Operations: OSIP 001-10	Method of Implementation: Field Mod Team	Installation Name: USSR A-Kit
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	19	0.279	17	0.064	50	0.759	0	0.000	50	0.759

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	36	0.343
FY 2011	-	-	-	-	-	-	-	-	-	-	50	0.759
FY 2012	40	0.618	-	-	-	-	-	-	-	-	40	0.618
FY 2013	-	-	30	0.550	-	-	-	-	-	-	30	0.550
FY 2014	-	-	-	-	16	0.255	-	-	-	-	16	0.255
FY 2015	-	-	-	-	-	-	6	0.245	-	-	6	0.245
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	40	0.618	30	0.550	16	0.255	6	0.245	-	-	178	2.770

Installation Schedule																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	10	9	5	4	4	4	13	13	12	12	10	10	10	10	7	7	8	8	4	4	4	4	3	3	-	-	-	178
Out	-	-	-	10	9	5	4	4	4	13	13	12	12	10	10	10	10	7	7	8	8	4	4	4	4	3	3	-	-	-	178

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Network Centric Operations: OSIP 001-10 - 13

Models of Systems Affected: F/A-18A-F and EA-18G	Type Modification: Avionics Upgrade	Related RDT&E PEs:
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Installation: Network Centric Operations: OSIP 001-10	Method of Implementation: Depot Level, Field Mod Teams	Installation Name: DTS A KITS (LOTS 26-29)
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	2	0.120	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	41	0.175	0	0.000	41	0.175
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	2	0.120	41	0.175	0	0.000	41	0.175

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	2	0.120
FY 2012	-	-	-	-	-	-	-	-	-	-	41	0.175
FY 2013	36	0.144	-	-	-	-	-	-	-	-	36	0.144
FY 2014	-	-	48	0.190	-	-	-	-	-	-	48	0.190
FY 2015	-	-	-	-	46	0.184	-	-	-	-	46	0.184
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	36	0.144	48	0.190	46	0.184	-	-	-	-	173	0.813

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Network Centric Operations: OSIP 001-10 - 13

Models of Systems Affected: F/A-18A-F and EA-18G	Type Modification: Avionics Upgrade	Related RDT&E PEs:
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Installation: Network Centric Operations: OSIP 001-10	Method of Implementation: Depot Level, Field Mod Teams	Installation Name: DTS A KITS (LOTS 26-29)
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Installation Schedule																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	-	-	-	-	2	-	-	21	20	-	-	18	18	-	-	24	24	-	-	23	23	-	-	-	-	-	173
Out	-	-	-	-	-	-	-	2	-	-	21	20	-	-	18	18	-	-	24	24	-	-	23	23	-	-	-	-	-	173	

Installation: Network Centric Operations: OSIP 001-10	Method of Implementation: Field Mod Team	Installation Name: DMD A Kit (LOTS 26-29)
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	29	0.870	0	0.000	29	0.870
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	29	0.870	0	0.000	29	0.870

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	29	0.870
FY 2013	50	1.769	-	-	-	-	-	-	-	-	50	1.769
FY 2014	-	-	60	1.800	-	-	-	-	-	-	60	1.800
FY 2015	-	-	-	-	12	0.353	-	-	-	-	12	0.353

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0525 - F-18 Series
Modification Nomenclature (Modification Title, Modification Number): Network Centric Operations: OSIP 001-10 - 13		

Models of Systems Affected: F/A-18A-F and EA-18G	Type Modification: Avionics Upgrade	Related RDT&E PEs:
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Installation: Network Centric Operations: OSIP 001-10	Method of Implementation: Field Mod Team	Installation Name: DMD A Kit (LOTS 26-29)
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Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
FY 2016	-	-	-	-	-	-	12	0.354	-	-	12	0.354
FY 2017	-	-	-	-	-	-	-	-	10	0.400	10	0.400
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	50	1.769	60	1.800	12	0.353	12	0.354	10	0.400	173	5.546

Installation Schedule																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	-	-	-	-	-	8	7	7	7	13	13	12	12	15	15	15	15	3	3	3	3	3	3	3	3	10	173
Out	-	-	-	-	-	-	-	-	-	8	7	7	7	13	13	12	12	15	15	15	15	3	3	3	3	3	3	3	3	10	173

Installation: Network Centric Operations: OSIP 001-10	Method of Implementation: Field Mod Team	Installation Name: ANAV kit with WRA
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	12	0.360	0	0.000	12	0.360
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	12	0.360	0	0.000	12	0.360

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Network Centric Operations: OSIP 001-10 - 13

Models of Systems Affected: F/A-18A-F and EA-18G	Type Modification: Avionics Upgrade	Related RDT&E PEs:
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Installation: Network Centric Operations: OSIP 001-10	Method of Implementation: Field Mod Team	Installation Name: ANAV kit with WRA
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Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	12	0.360
FY 2013	36	1.116	-	-	-	-	-	-	-	-	36	1.116
FY 2014	-	-	52	1.612	-	-	-	-	-	-	52	1.612
FY 2015	-	-	-	-	46	1.426	-	-	-	-	46	1.426
FY 2016	-	-	-	-	-	-	23	0.713	-	-	23	0.713
FY 2017	-	-	-	-	-	-	-	-	6	0.186	6	0.186
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	36	1.116	52	1.612	46	1.426	23	0.713	6	0.186	175	5.413

Installation Schedule																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	-	-	-	-	-	-	-	6	6	-	-	18	18	-	-	26	26	-	-	23	23	-	-	12	11	6	175
Out	-	-	-	-	-	-	-	-	-	-	-	6	6	-	-	18	18	-	-	26	26	-	-	23	23	-	-	12	11	6	175

Installation: Network Centric Operations: OSIP 001-10	Method of Implementation: Not Installed - ANAV gyros (LOTB)	Installation Quantity: 552
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Installation: Network Centric Operations: OSIP 001-10	Method of Implementation: Not Installed - DTS B kits (lots 30 and above)	Installation Quantity: 365
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Installation: Network Centric Operations: OSIP 001-10	Method of Implementation: Not Installed - DTS Solid State Disk upgrade	Installation Quantity: 300
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Installation: Network Centric Operations: OSIP 001-10	Method of Implementation: Not Installed - ALR 67(V)3 RWR G4	Installation Quantity: 56
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Installation: Network Centric Operations: OSIP 001-10	Method of Implementation: Not Installed - ALR 67(V)3 OPR/DCR	Installation Quantity: 52
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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature <i>(Modification Title, Modification Number):</i> Network Centric Operations: OSIP 001-10 - 13
Models of Systems Affected: F/A-18A-F and EA-18G	Type Modification: Avionics Upgrade	Related RDT&E PEs:
Installation: Network Centric Operations: OSIP 001-10	Method of Implementation: Not Installed - USSR Operational RMMs	Installation Quantity: 159

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature <i>(Modification Title, Modification Number):</i> EA-18G Unique OSIP (011-10) - 14

Models of Systems Affected: EA-18G	Type Modification: SAFETY /RELIABILITY/ IMPROVEMENT	Related RDT&E PEs:
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	1.251	8.402	8.707	6.693	0.000	6.693	6.912	22.779	16.555	16.746	204.000	292.045
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	1.251	8.402	8.707	6.693	0.000	6.693	6.912	22.779	16.555	16.746	204.000	292.045
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	1.251	8.402	8.707	6.693	0.000	6.693	6.912	22.779	16.555	16.746	204.000	292.045

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

DESCRIPTION/JUSTIFICATION:

With EA-18G aircraft achieving Initial Operational Capability (IOC) in FY2009, an OSIP to perform required safety of flight modifications, address obsolescence issues, and incorporate system improvements was established. Funds are required to retrofit Weapons Replaceable Assemblies (WRAs) and Shop Replaceable Assemblies (SRAs). Funding will also support maintenance of a common configuration and AEA I-level standup. Additionally, funding will be used to retrofit the MATT Replacement systems on the aircraft at the completion of the development program. This OSIP also supports the procurement and fielding of Operational Test Program Sets as support equipment in FY15 and FY16 for I-level maintenance stand up.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES:

MATT Replacement NRE in FY08-14. Aircraft production kit buys in FY10-13 (58 A/C) with installs in FY11-14 (58 A/C). Retrofit kit buys in FY13-15 (56 A/C) with installations in FY14-16.

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Exhibit P-3A, Individual Modification: PB 2013 Navy								Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0525 - F-18 Series				Modification Nomenclature (<i>Modification Title, Modification Number</i>): EA-18G Unique OSIP (011-10) - 14					
Models of Systems Affected: EA-18G				Type Modification: SAFETY /RELIABILITY/ IMPROVEMENT				Related RDT&E PEs:					
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
EA-18G Unique OSIP (011-10)													
A Kits													
Recurring													
1.1.1) IBS Receiver Replacement - NonOrganic													
	-	-	-	-	-	-	-	-	-	-	-	-	
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		0.000	
NonRecurring													
1.2.1) Installation Kits N/R - Organic													
	-	1.251	-	-	-	-	-	-	-	-	-	-	
<i>Subtotal NonRecurring</i>		1.251		0.000		0.000		0.000		0.000		0.000	
B Kits													
Recurring													
2.1.1) IBS Receiver Replacement - Organic													
	-	-	-	-	-	-	25	3.750	-	-	25	3.750	
2.1.2) EA-18G SCS - Organic													
	-	-	-	-	-	-	-	-	-	-	-	-	
<i>Subtotal Recurring</i>		0.000		0.000		0.000		3.750		0.000		3.750	
NonRecurring													
2.2.1) Installation Equipment N/R - Organic													
	-	-	-	8.402	-	8.707	-	2.647	-	-	-	2.647	
<i>Subtotal NonRecurring</i>		0.000		8.402		8.707		2.647		0.000		2.647	
<i>Total, EA-18G Unique OSIP (011-10)</i>		-	1.251	-	8.402	-	8.707	25	6.397	-	-	25	6.397
<i>Total, All Modifications</i>			1.251		8.402		8.707		6.397		0.000		6.397
Support													
3.1) Engineering Change Orders													
	-	0.000	-	-	-	-	-	-	-	-	-	-	
3.2) Data													
	-	0.000	-	-	-	-	-	-	-	-	-	-	
3.3) Training Equipment													
	-	-	-	-	-	-	-	-	-	-	-	-	
3.4) Support Equipment													
	-	-	-	-	-	-	-	-	-	-	-	-	
3.5) ILS													
	-	0.000	-	-	-	-	-	-	-	-	-	-	
3.6) Other Support													
	-	-	-	-	-	-	-	0.296	-	-	-	0.296	
3.7) Interim Contractor Support													
	-	0.000	-	-	-	-	-	-	-	-	-	-	
<i>Total Support Cost</i>		0.000		0.000		0.000		0.296		0.000		0.296	

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): EA-18G Unique OSIP (011-10) - 14

Models of Systems Affected: EA-18G	Type Modification: SAFETY /RELIABILITY/ IMPROVEMENT	Related RDT&E PEs:
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
<i>Procurement Cost (Procurement + Support)</i>		1.251		8.402		8.707		6.693		0.000		6.693
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		1.251		8.402		8.707		6.693		0.000		6.693

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
EA-18G Unique OSIP (011-10)												
A Kits												
Recurring												
1.1.1) IBS Receiver Replacement - NonOrganic	24	1.850	24	1.850	8	0.624	-	-	-	-	56	4.324
<i>Subtotal Recurring</i>		1.850		1.850		0.624		0.000		0.000		4.324
NonRecurring												
1.2.1) Installation Kits N/R - Organic	-	-	-	-	-	-	-	-	-	-	-	1.251
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		1.251
B Kits												
Recurring												
2.1.1) IBS Receiver Replacement - Organic	25	3.825	25	3.902	28	4.396	21	3.318	-	-	124	19.191
2.1.2) EA-18G SCS - Organic	-	-	-	-	-	-	-	12.000	-	204.000	-	216.000
<i>Subtotal Recurring</i>		3.825		3.902		4.396		15.318		204.000		235.191
NonRecurring												
2.2.1) Installation Equipment N/R - Organic	-	-	-	-	-	-	-	-	-	-	-	19.756
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		19.756
Total, EA-18G Unique OSIP (011-10)	49	5.675	49	5.752	36	5.020	21	15.318	-	204.000	180	260.522
<i>Total, All Modifications</i>		5.675		5.752		5.020		15.318		204.000		260.522
Support												
3.1) Engineering Change Orders	-	-	-	-	-	-	-	-	-	-	-	-
3.2) Data	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): EA-18G Unique OSIP (011-10) - 14

Models of Systems Affected: EA-18G	Type Modification: SAFETY /RELIABILITY/ IMPROVEMENT	Related RDT&E PEs:
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
3.3) Training Equipment	-	1.051	-	-	-	-	-	0.682	-	-	-	1.733
3.4) Support Equipment	-	-	-	16.127	-	10.305	-	-	-	-	-	26.432
3.5) ILS	-	-	-	-	-	-	-	-	-	-	-	-
3.6) Other Support	-	0.186	-	0.550	-	0.417	-	-	-	-	-	1.449
3.7) Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	-
Total Support Cost		1.237		16.677		10.722		0.682		0.000		29.614
Procurement Cost (Procurement + Support)		6.912		22.429		15.742		16.000		204.000		290.136
Total Installation Cost		0.000		0.350		0.813		0.746		0.000		1.909
Total Cost (Procurement + Support + Installation)		6.912		22.779		16.555		16.746		204.000		292.045

Remarks:

Manufacturer Information: EA-18G Unique OSIP (011-10)

Manufacturer Name: IBS Receiver	Manufacturer Location: N/A
Administrative Leadtime (in Months): 2	Production Leadtime (in Months): 19

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates			Nov 2012	Nov 2013			
Delivery Dates			Jun 2014	Jun 2015			

Installation: EA-18G Unique OSIP (011-10) **Method of Implementation:** Field Mod Teams **Installation Name:** IBS Receiver Replacement

Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0525 - F-18 Series
Models of Systems Affected: EA-18G		Modification Nomenclature (Modification Title, Modification Number): EA-18G Unique OSIP (011-10) - 14
Type Modification: SAFETY /RELIABILITY/ IMPROVEMENT		Related RDT&E PEs:

Installation: EA-18G Unique OSIP (011-10)		Method of Implementation: Field Mod Teams				Installation Name: IBS Receiver Replacement						
Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	-	-

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	10	0.350	14	0.475	-	-	-	-	24	0.825
FY 2015	-	-	-	-	10	0.338	14	0.476	-	-	24	0.814
FY 2016	-	-	-	-	-	-	8	0.270	-	-	8	0.270
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	10	0.350	24	0.813	22	0.746	-	-	56	1.909

Installation Schedule																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	5	7	7	5	5	7	7	4	4	-	56
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	5	7	7	5	5	7	7	4	4	-	56

Installation: EA-18G Unique OSIP (011-10)		Method of Implementation: Not Installed - IBS Receiver Replacement										Installation Quantity: 124				
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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature <i>(Modification Title, Modification Number):</i> Power and Propulsion (11-13) - 15

Models of Systems Affected: F/A-18A-F and EA-18G **Type Modification:** Safety, Readiness, Reliability **Related RDT&E PEs:**

Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	0.000	0.000	0.000	1.000	0.000	1.000	1.000	30.033	70.000	20.567	394.120	516.720
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	0.000	0.000	0.000	1.000	0.000	1.000	1.000	30.033	70.000	20.567	394.120	516.720
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	0.000	0.000	0.000	1.000	0.000	1.000	1.000	30.033	70.000	20.567	394.120	516.720

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

DESCRIPTION/JUSTIFICATION:

This OSIP incorporates safety and life-limiting propulsion and power corrective actions to resolve safety and readiness concerns. Corrections to design deficiencies found during post production test and evaluation and discovered during fleet operations that have resulted in safety and reliability degradation must be corrected. The requirement to upgrade or modify the Engine, System Secondary Power System, Electrical System, and Fuel Systems is critical in maintaining sustainable fleet reliability, safety, and performance and is necessary to meet mission requirements. Modifications include Generator Converter Units (GCUs), GCU Peculiar Support Equipment, Electrical Power and Secondary Power systems for service life extension.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES:

Non-recurring Engineering (NRE) is being performed using APN-1 funding, and will be complete in FY14. NRE for retrofits is funded in FY13, procurement of kits will begin in FY14.

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Exhibit P-3A, Individual Modification: PB 2013 Navy								Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0525 - F-18 Series				Modification Nomenclature (<i>Modification Title, Modification Number</i>): Power and Propulsion (11-13) - 15					
Models of Systems Affected: F/A-18A-F and EA-18G			Type Modification: Safety, Readiness, Reliability				Related RDT&E PEs:						
Financial Plan		Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
		Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement													
Power and Propulsion (11-13)													
B Kits													
Recurring													
2.1.1) GCU Reliability Upgrade B-Kits (ECP 6421) - Organic ⁽¹³⁾		-	-	-	-	-	-	-	-	-	-	-	-
2.1.2) GCU Performance Upgrade (ECP XXX) - Organic ⁽¹⁴⁾		-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal Recurring</i>			0.000		0.000		0.000		0.000		0.000		0.000
NonRecurring													
2.2.1) Installation Equipment N/R - Organic		-	-	-	-	-	-	-	1.000	-	-	-	1.000
<i>Subtotal NonRecurring</i>			0.000		0.000		0.000		1.000		0.000		1.000
<i>Total, Power and Propulsion (11-13)</i>		-	-	-	-	-	-	-	1.000	-	-	-	1.000
<i>Total, All Modifications</i>			0.000		0.000		0.000		1.000		0.000		1.000
Support													
3.1) Engineering Change Orders		-	0.000	-	-	-	-	-	-	-	-	-	-
3.2) Data		-	0.000	-	-	-	-	-	-	-	-	-	-
3.3) Training Equipment		-	0.000	-	-	-	-	-	-	-	-	-	-
3.4) Support Equipment		-	0.000	-	-	-	-	-	-	-	-	-	-
3.5) ILS		-	0.000	-	-	-	-	-	-	-	-	-	-
3.6) Other Support		-	0.000	-	-	-	-	-	-	-	-	-	-
3.7) Interim Contractor Support		-	0.000	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>			0.000		0.000		0.000		0.000		0.000		0.000
<i>Procurement Cost (Procurement + Support)</i>			0.000		0.000		0.000		1.000		0.000		1.000
<i>Total Installation Cost</i>			0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)			0.000		0.000		0.000		1.000		0.000		1.000
Financial Plan		FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
		Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement													

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Exhibit P-3A, Individual Modification: PB 2013 Navy										Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1					P-1 Line Item Nomenclature: 0525 - F-18 Series					Modification Nomenclature (<i>Modification Title, Modification Number</i>): Power and Propulsion (11-13) - 15			
Models of Systems Affected: F/A-18A-F and EA-18G			Type Modification: Safety, Readiness, Reliability				Related RDT&E PEs:						
Financial Plan		FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
		<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>
Power and Propulsion (11-13)													
B Kits													
Recurring													
2.1.1) GCU Reliability Upgrade B-Kits (ECP 6421) - Organic ⁽¹³⁾		8	1.000	79	10.033	232	30.000	157	20.567	724	94.120	1,200	155.720
2.1.2) GCU Performance Upgrade (ECP XXX) - Organic ⁽¹⁴⁾		-	-	-	-	-	-	0	0.000	1,200	300.000	1,200	300.000
<i>Subtotal Recurring</i>			1.000		10.033		30.000		20.567		394.120		455.720
NonRecurring													
2.2.1) Installation Equipment N/R - Organic		-	-	-	20.000	-	40.000	-	-	-	-	-	61.000
<i>Subtotal NonRecurring</i>			0.000		20.000		40.000		0.000		0.000		61.000
<i>Total, Power and Propulsion (11-13)</i>		8	1.000	79	30.033	232	70.000	157	20.567	1,924	394.120	2,400	516.720
<i>Total, All Modifications</i>			1.000		30.033		70.000		20.567		394.120		516.720
Support													
3.1) Engineering Change Orders		-	-	-	-	-	-	-	-	-	-	-	-
3.2) Data		-	-	-	-	-	-	-	-	-	-	-	-
3.3) Training Equipment		-	-	-	-	-	-	-	-	-	-	-	-
3.4) Support Equipment		-	-	-	-	-	-	-	-	-	-	-	-
3.5) ILS		-	-	-	-	-	-	-	-	-	-	-	-
3.6) Other Support		-	-	-	-	-	-	-	-	-	-	-	-
3.7) Interim Contractor Support		-	-	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>			0.000		0.000		0.000		0.000		0.000		0.000
<i>Procurement Cost (Procurement + Support)</i>			1.000		30.033		70.000		20.567		394.120		516.720
<i>Total Installation Cost</i>			0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)			1.000		30.033		70.000		20.567		394.120		516.720
Remarks:													
⁽¹³⁾ GCU Reliability Upgrade B-Kits are O-level install items and have no related install cost/schedule.													
⁽¹⁴⁾ GCU Performance Upgrade kits are O-level install items and have no related install cost/schedule.													
Manufacturer Information: Power and Propulsion (11-13)													
Manufacturer Name: Manufacturer Name Not Provided.							Manufacturer Location: Manufacturer Location Not Provided.						

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Exhibit P-3A, Individual Modification: PB 2013 Navy						Date: February 2012	
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1			P-1 Line Item Nomenclature: 0525 - F-18 Series			Modification Nomenclature (<i>Modification Title, Modification Number</i>): Power and Propulsion (11-13) - 15	
Models of Systems Affected: F/A-18A-F and EA-18G			Type Modification: Safety, Readiness, Reliability			Related RDT&E PEs:	
Manufacturer Information: Power and Propulsion (11-13)							
Administrative Leadtime (<i>in Months</i>):				Production Leadtime (<i>in Months</i>):			
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates							
Delivery Dates							
Installation: Power and Propulsion (11-13)			Method of Implementation: Not Installed - GCU Reliability Upgrade B-Kits (ECP 6421)			Installation Quantity: 1200	
Installation: Power and Propulsion (11-13)			Method of Implementation: Not Installed - GCU Performance Upgrade (ECP XXX)			Installation Quantity: 1200	

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature <i>(Modification Title, Modification Number):</i> Infrared Search and Track (IRST) (04-14) - 16

Models of Systems Affected: F/A-18 E/F **Type Modification:** CAPABILITY IMPROVEMENTS **Related RDT&E PEs:**

Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	0.000	0.000	0.000	0.000	0.000	0.000	98.848	152.712	158.648	221.451	790.290	1,421.949
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	0.000	0.000	0.000	0.000	0.000	0.000	98.848	152.712	158.648	221.451	790.290	1,421.949
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	0.000	0.000	0.000	0.000	0.000	0.000	98.848	152.712	158.648	221.451	790.290	1,421.949

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

DESCRIPTION/JUSTIFICATION:

The Infrared Search and Track (IRST) (ORD# 700-88-06) will provide the F/A-18E/F (Lot 26 and up) with an Alternative Fire Control System in a High Electronic Attack (EA)/Radar Denied Environment. IRST is an Evolutionary Program using a two Block approach. This OSIP is used to procure Block I IRST Systems (LRIP I, LRIP II and FRP) as well as Block II (ECP) Engineering Changes, Modifications and Incorporation including Retrofit and Forward Fit. Block II Modifications include changes to Infrared Receiver (IRR) and Processor and any subsystem that support IRR and Processor.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES:

IRST development began in FY2008. IRST Block I MS B occurred on 17 June 2011 and the Acquisition Decision Memorandum was signed 12 July 2011. Block II (ECP) Award is scheduled for 3rd Quarter FY 2014. Block I LRIP I Award is scheduled for 4th Quarter FY 2014. IOC is scheduled for 4th Quarter FY 2016.

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Exhibit P-3A, Individual Modification: PB 2013 Navy								Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0525 - F-18 Series				Modification Nomenclature (<i>Modification Title, Modification Number</i>): Infrared Search and Track (IRST) (04-14) - 16					
Models of Systems Affected: F/A-18 E/F				Type Modification: CAPABILITY IMPROVEMENTS				Related RDT&E PEs:					
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
Infrared Search and Track (IRST) (04-14)													
B Kits													
Recurring													
2.1.1) IRST B-kits (Block I) - Organic ⁽¹⁵⁾													
2.1.2) IRST Obsolescence - Organic													
<i>Subtotal Recurring</i>													
NonRecurring													
2.2.1) Installation Equipment N/R - Organic ⁽¹⁶⁾													
<i>Subtotal NonRecurring</i>													
<i>Total, Infrared Search and Track (IRST) (04-14)</i>													
<i>Total, All Modifications</i>													
Support													
3.1) Engineering Change Orders													
3.2) Data													
3.3) Training Equipment													
3.4) Support Equipment													
3.5) ILS													
3.6) Other Support													
3.7) Interim Contractor Support													
<i>Total Support Cost</i>													
<i>Procurement Cost (Procurement + Support)</i>													
<i>Total Installation Cost</i>													
Total Cost (Procurement + Support + Installation)													

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Infrared Search and Track (IRST) (04-14) - 16

Models of Systems Affected: F/A-18 E/F	Type Modification: CAPABILITY IMPROVEMENTS	Related RDT&E PEs:
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
Infrared Search and Track (IRST) (04-14)												
B Kits												
Recurring												
2.1.1) IRST B-kits (Block I) - Organic ⁽¹⁵⁾	6	35.387	12	55.256	15	64.702	20	87.985	117	593.950	170	837.280
2.1.2) IRST Obsolescence - Organic	-	-	-	-	-	4.050	-	-	-	9.940	-	13.990
<i>Subtotal Recurring</i>		35.387		55.256		68.752		87.985		603.890		851.270
NonRecurring												
2.2.1) Installation Equipment N/R - Organic ⁽¹⁶⁾	-	21.133	-	48.512	-	43.423	-	65.281	-	32.540	-	210.889
<i>Subtotal NonRecurring</i>		21.133		48.512		43.423		65.281		32.540		210.889
<i>Total, Infrared Search and Track (IRST) (04-14)</i>	6	56.520	12	103.768	15	112.175	20	153.266	117	636.430	170	1,062.159
<i>Total, All Modifications</i>		56.520		103.768		112.175		153.266		636.430		1,062.159
Support												
3.1) Engineering Change Orders	-	-	-	-	-	-	-	-	-	-	-	-
3.2) Data	-	-	-	-	-	-	-	-	-	-	-	-
3.3) Training Equipment	-	-	-	-	-	-	-	-	-	-	-	-
3.4) Support Equipment	-	-	-	-	-	-	-	-	-	-	-	-
3.5) ILS	-	14.685	-	23.335	-	20.230	-	21.765	-	88.000	-	168.015
3.6) Other Support	-	27.643	-	25.609	-	26.243	-	46.420	-	65.860	-	191.775
3.7) Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		42.328		48.944		46.473		68.185		153.860		359.790
<i>Procurement Cost (Procurement + Support)</i>		98.848		152.712		158.648		221.451		790.290		1,421.949
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		98.848		152.712		158.648		221.451		790.290		1,421.949

Remarks:

⁽¹⁵⁾ IRST kits are O-level install items and have no related install cost/schedule.

⁽¹⁶⁾ NRE "To Complete" cost includes \$12M for Production Line Shutdown.

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature <i>(Modification Title, Modification Number):</i> Infrared Search and Track (IRST) (04-14) - 16

Models of Systems Affected: F/A-18 E/F	Type Modification: CAPABILITY IMPROVEMENTS	Related RDT&E PEs:
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Manufacturer Information: Infrared Search and Track (IRST) (04-14)

Manufacturer Name: Manufacturer Name Not Provided.	Manufacturer Location: Manufacturer Location Not Provided.
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Administrative Leadtime <i>(in Months):</i>	Production Leadtime <i>(in Months):</i>
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Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates							
Delivery Dates							

Installation: Infrared Search and Track (IRST) (04-14)	Method of Implementation: Not Installed - IRST B-kits (Block I)	Installation Quantity: 170
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Exhibit P-3A, Individual Modification: PB 2013 Navy							Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0525 - F-18 Series				Modification Nomenclature (<i>Modification Title, Modification Number</i>): Inactive OSIPs - 17				

Models of Systems Affected: [No Model Specified] **Type Modification:** [No Modification Type Specified] **Related RDT&E PEs:**

Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	421.305	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	421.305
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	421.305	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	421.305
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	421.305	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	421.305

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Inactive OSIPs - 17

Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
	Procurement											
[Missing Data - No Procurement Cost Elements Entered Yet]												
B Kits												
Recurring												
[Missing Data - No Procurement Cost Elements Entered Yet]												
<i>Subtotal Recurring</i>												
<i>Total, [Missing Data - No Procurement Cost Elements Entered Yet]</i>												
<i>Total, All Modifications</i>												
Support												
3.1) Inactive OSIPs												
<i>Total Support Cost</i>												
<i>Procurement Cost (Procurement + Support)</i>												
<i>Total Installation Cost</i>												
Total Cost (Procurement + Support + Installation)												

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
[Missing Data - No Procurement Cost Elements Entered Yet]												
B Kits												
Recurring												
[Missing Data - No Procurement Cost Elements Entered Yet]												
<i>Subtotal Recurring</i>												
<i>Total, [Missing Data - No Procurement Cost Elements Entered Yet]</i>												
<i>Total, All Modifications</i>												
Support												
3.1) Inactive OSIPs												
<i>Total Support Cost</i>												

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0525 - F-18 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Inactive OSIPs - 17

Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs:										
Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>
<i>Procurement Cost (Procurement + Support)</i>		0.000		0.000		0.000		0.000		0.000		421.305
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		0.000		0.000		0.000		0.000		0.000		421.305

Remarks:

Manufacturer Information: [Missing Data - No Procurement Cost Elements Entered Yet]

Manufacturer Name: [Missing Data - No Procurement Cost Elements Entered Yet]				Manufacturer Location: [Missing Data - No Procurement Cost Elements Entered Yet]			
Administrative Leadtime (<i>in Months</i>):				Production Leadtime (<i>in Months</i>):			
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates							
Delivery Dates							

Installation: [Missing Data - No Procurement Cost Elements Entered Yet]	Method of Implementation: [Missing Data - No Procurement Cost Elements Entered Yet]	Installation Quantity: 0
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Exhibit P-40, Budget Item Justification Sheet: PB 2013 Navy **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity:
1506N : Aircraft Procurement, Navy / BA 5 : Modification of Aircraft / BSA 1 :
Modification Of Aircraft

P-1 Line Item Nomenclature:
0526 - H-46 Series

ID Code (A=Service Ready, B=Not Service Ready) : A **Program Elements for Code B Items:** **Other Related Program Elements:**

Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	679.884	17.445	24.612	2.343	-	2.343	2.300	2.291	2.432	2.477	0.000	733.784
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	679.884	17.445	24.612	2.343	-	2.343	2.300	2.291	2.432	2.477	0.000	733.784
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	679.884	17.445	24.612	2.343	-	2.343	2.300	2.291	2.432	2.477	0.000	733.784

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

This line item funds modifications to the H-46 aircraft. The H-46 is a twin-turbine powered dual-piloted tandem-rotor helicopter. The cabin contains provisions for accommodating 25 troops and crew members. The cabin also contains an integral cargo and rescue system. The overall goal of the modification budget in FY 2013 is to keep the H-46 a viable platform until a replacement aircraft can be fielded. H-46 helicopters are used by the Marine Corps for troop transport and search and rescue missions. USMC inventory: total (113) aircraft: (83) CH-46E active + (4) HH-46E + (26) CH-46E reserve aircraft. Average age of aircraft (as of Dec 2011) is currently 43 (or 10,980 hours). Original design service life was 10,000 hours. It was subsequently extended to 12,500 hours on 18 Dec 1992 and to 15,000 hours on 16 Feb 1996. Aircraft can continue to be flown past 15,000 flight hours on an average age exploration program.

Item Schedule		ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
H-46 SAFETY OSIP (025-97) - 1	P3A		-	-	80.725	-	-	0.070	-	-	0.071	-	-	0.080	-	-	0.000	-	-	0.080
H-46 LIGHTWEIGHT COCKPIT SEAT (OSIP 011-05) - 2	P3A		-	-	16.329	-	-	0.401	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000
H-46 GASSP (018-07) - 3	P3A		-	-	148.686	-	-	16.974	-	-	24.541	-	-	2.263	-	-	0.000	-	-	2.263
INACTIVE OSIPS - 4	P3A		-	-	434.144	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000
Total Gross/Weapon System Cost					679.884			17.445			24.612			2.343			-			2.343

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Exhibit P-3A, Individual Modification: PB 2013 Navy							Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0526 - H-46 Series				Modification Nomenclature (<i>Modification Title, Modification Number</i>): H-46 SAFETY OSIP (025-97) - 1				
Models of Systems Affected: H-46 SERIES H-46 SERIES			Type Modification: SAFETY IMPROVEMENT(OSIP 025-97)				Related RDT&E PEs:					

Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	80.725	0.070	0.071	0.080	0.000	0.080	0.000	0.000	0.000	0.000	0.000	80.946
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	80.725	0.070	0.071	0.080	0.000	0.080	0.000	0.000	0.000	0.000	0.000	80.946
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	80.725	0.070	0.071	0.080	0.000	0.080	0.000	0.000	0.000	0.000	0.000	80.946

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The Safety Improvement Program was directed by Chief of Naval Operations (CNO) letter 7100 serial N880F/7U660758 dated 10 Jan 97, and approved as an Abbreviated Acquisition Program (AAP) by the Program Executive Officer (PEO) on 24 Oct 97. This program contains the following Engineering Change Proposals (ECP):

1. HYDRAULIC SYSTEM UPGRADE and UTILITY HYDRAULIC SYSTEM REDESIGN: This ECP was completed in FY2000, but the fleet has experienced ongoing problems with the hydraulic system following installation of the modification. The Utility Hydraulic System Redesign will assess the overall configuration of the hydraulic system and correct deficiencies to improve system performance. This modification will be installed in 177 CH-46E aircraft (153 active + 24 reserve).
2. LOWER DUAL BOOST ACTUATOR (LDBA): The housing for the actuator is highly susceptible to stress corrosion cracking. The material wear and housing cracks have resulted in LDBA malfunction. The pilot cannot control the drive direction of the helicopter, a potentially life threatening situation. This program will procure a redesigned actuator housing that eliminates the failure mode in the LDBA. This modification will be installed concurrent with Fleet Exchange (FE) repairs. This modification will be installed in 177 CH-46E aircraft (153 active + 24 reserve).
3. NIGHT VISION GOGGLE (NVG) COMPATIBLE COCKPIT and NVG COMPATIBLE COCKPIT DOME LIGHT: This ECP is complete.
4. RUNNING ENGINE WASH: This ECP is complete.
5. SLIDING RESCUE HATCH (HELL HOLE DOOR): This ECP is complete.
6. ALQ-157 INFRARED COUNTERMEASURES (IRCM): This ECP is complete.
7. AN/ALE-47 COUNTERMEASURES DISPENSING SYSTEM (CMDS): This ECP is an Aircraft Survivability Equipment (ASE) modification to improve aircraft operation/maintainability/survivability in combat operations. This safety improvement upgrades the AN/ALE-39 (CMDS). It improves the reliability, reduces fleet operational cost and enhances the ASE capabilities of the CH-46E aircraft operating in hostile environments by addressing the problems of "Things Falling Off Aircraft" (TFOA) and uncommanded dispensing of countermeasures. This improvement will be installed in 214 CH-46E aircraft in support of OIF II.

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0526 - H-46 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): H-46 SAFETY OSIP (025-97) - 1
Models of Systems Affected: H-46 SERIES H-46 SERIES	Type Modification: SAFETY IMPROVEMENT(OSIP 025-97)	Related RDT&E PEs:
<p>8. AN/AAR-47(V)2 MISSILE WARNING SET INSTALLATION: This ECP is an Aircraft Survivability Equipment (ASE) modification to improve aircraft operation/maintainability/survivability in combat operations. The current system has a high false alarm rate resulting in premature flare launch. The modification will improve reliability in missile protection by reducing the false alarm rate, which in turn will conserve flares. This improvement will be installed in 214 CH-46E aircraft in support of OIF II.</p> <p>9. HH-46E SEARCH AND RESCUE (SAR) CONVERSION: All Navy H-46Ds have been retired leaving the Marine Corp as the sole operator of the H-46D Type-Model-Series (TMS). The high flight hours on the HH-46D airframes, poor engine reliability and obsolescence issues make this aircraft difficult and expensive to operate and maintain. This ECP will convert 3 CH-46E helicopters to the HH-46E configuration to perform the SAR mission, and will permit retirement of the H-46D TMS.</p> <p>10. ALE-47 Expendable PODs: Provides a two fold increase in the number of pods installed on the aircraft which doubles the number of expendables that can be carried as we are improving the effectiveness of the expendables to better protect the H-46 in high threat areas. 165 aircraft to be modified.</p> <p>11. Blue Force Tracker: Identifies location of friendly forces of all services both ground and air, also provides a limited long range communication capability. BFT displays this information on a moving map display in the cockpit. Installs provisions on 154 aircraft and buys 61 mission kits for deploying aircraft.</p> <p>12. CDNU: *This effort was terminated. The current CDNU-800 used in the CH-46E lacks the processing power (386 MHz) or the memory (1 MB) to allow the CH-46E to incorporate avionics systems needed to allow for operations in forward operating areas. Fleet is impacted as the current CDNU-800 does not have the memory or processing power to control or integrate upgraded avionics systems.</p> <p>DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONES:</p> <ol style="list-style-type: none"> UTILITY HYDRAULIC SYSTEM REDESIGN: The nonrecurring engineering is complete, and production installations are ongoing. LOWER DUAL BOOST ACTUATOR: This upgrade is complete. NVG COMPATIBLE COCKPIT DOME LIGHT: This upgrade is complete. T58-16/402 RUNNING ENGINE WASH: This upgrade is complete. SLIDING RESCUE HATCH (HELL HOLE DOOR): This upgrade is complete. ALQ-157 INFRARED COUNTERMEASURES (IRCM): This upgrade is complete. AN/ALE-47 COUNTERMEASURES DISPENSING SYSTEM (CMDS): This ECP was approved 26 Feb 2004. Depot installs are ongoing. AN/AAR-47(V)2 MISSILE WARNING SET INSTALLATION: This ECP was approved 26 Feb 2004. Depot installs are ongoing. HH-46E SEARCH AND RESCUE (SAR) CONVERSION: This upgrade is complete. ALE-47 Expendable PODs: Installations are all on contract. BLUE FORCE TRACKER: In the final stages of nonrecurring installations. CDNU: The CDNU update was cancelled when it was discovered that integration would have taken an extended period of time due to the complexity of the hardware and software design. Based on the total number of helicopters available for the installation and Five Year Rule considerations, it was decided that this program was no longer cost effective. 		

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Exhibit P-3A, Individual Modification: PB 2013 Navy								Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0526 - H-46 Series				Modification Nomenclature (<i>Modification Title, Modification Number</i>): H-46 SAFETY OSIP (025-97) - 1					
Models of Systems Affected: H-46 SERIES H-46 SERIES				Type Modification: SAFETY IMPROVEMENT(OSIP 025-97)				Related RDT&E PEs:					
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
H-46 SAFETY OSIP (025-97)													
A Kits													
Recurring													
1.1.1) A Kits Blue Force Tracker - Organic	154	2.170	-	-	-	-	-	-	-	-	-	-	
1.1.2) AAR-47 (V)2 Kits - Organic	214	0.157	-	-	-	-	-	-	-	-	-	-	
1.1.3) AAR-47 Loose Wire GRP Cables - Organic	220	0.016	-	-	-	-	-	-	-	-	-	-	
1.1.4) ALE-47 Cables - Organic	36	0.042	-	-	-	-	-	-	-	-	-	-	
1.1.5) ALE-47 Kits - Organic	387	2.378	-	-	-	-	-	-	-	-	-	-	
1.1.6) ALQ-157 Kits - Organic	196	9.264	-	-	-	-	-	-	-	-	-	-	
1.1.7) HH-46E Search and Rescue (SAR) - NonOrganic	7	0.635	-	-	-	-	-	-	-	-	-	-	
1.1.8) Hydraulic System Upgrade (D-Model) - Organic	81	1.118	-	-	-	-	-	-	-	-	-	-	
1.1.9) Hydraulic System Upgrade (E-Model) - Organic	140	2.085	-	-	-	-	-	-	-	-	-	-	
1.1.10) Lower Dual Boost Actuator (E-Model) - Organic	97	0.485	-	-	-	-	-	-	-	-	-	-	
1.1.11) Mission Kits Blue Force Tracker - Organic	271	3.263	-	-	-	-	-	-	-	-	-	-	
1.1.12) NVG Compatible Cockpit (D-Model) - Organic	81	3.043	-	-	-	-	-	-	-	-	-	-	
1.1.13) REW D-Airframe (T58-402) AFC-477 - Organic	65	0.069	-	-	-	-	-	-	-	-	-	-	
1.1.14) REW D-Engine (T58-402) PPC-165 - Organic	81	0.113	-	-	-	-	-	-	-	-	-	-	
1.1.15) REW E-Airframe (T58-16) AFC-492 - Organic	200	0.477	-	-	-	-	-	-	-	-	-	-	
1.1.16) REW E-Engine (T58-16) PPC-165 - Organic	687	0.752	-	-	-	-	-	-	-	-	-	-	
1.1.17) Sliding Rescue Hatch (D/E-Model) - Organic	66	0.755	-	-	-	-	-	-	-	-	-	-	
1.1.18) Tactical Operating Center Kits - NonOrganic	130	0.449	-	-	-	-	-	-	-	-	-	-	
1.1.19) Tactical Operating Center Kits (OCO) - NonOrganic ⁽¹⁾	10	0.382	-	-	-	-	-	-	-	-	-	-	
1.1.20) CDU-7000 - Organic	330	15.631	-	-	-	-	-	-	-	-	-	-	
1.1.21) Util Hydr Syst AFC-522 - Organic	187	0.468	-	-	-	-	-	-	-	-	-	-	
1.1.22) Util Hydr Syst Red AFC-521(E) - Organic	179	1.288	-	-	-	-	-	-	-	-	-	-	
1.1.23) Prior Year Installation Cost - Organic	1,676	14.960	-	-	-	-	-	-	-	-	-	-	
<i>Subtotal Recurring</i>		60.000		0.000		0.000		0.000		0.000		0.000	

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0526 - H-46 Series	Modification Nomenclature (Modification Title, Modification Number): H-46 SAFETY OSIP (025-97) - 1
Models of Systems Affected: H-46 SERIES H-46 SERIES	Type Modification: SAFETY IMPROVEMENT(OSIP 025-97)	Related RDT&E PEs:

Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
NonRecurring												
1.2.1) Installation Kits N/R - Organic	-	3.184	-	-	-	-	-	-	-	-	-	-
<i>Subtotal NonRecurring</i>		3.184		0.000		0.000		0.000		0.000		0.000
B Kits												
Recurring												
2.1.1) Install Equipment - Organic	4	0.044	-	-	-	-	-	-	-	-	-	-
<i>Subtotal Recurring</i>		0.044		0.000		0.000		0.000		0.000		0.000
NonRecurring												
2.2.1) ECO MOD/ALQ-157 - Organic	-	0.709	-	-	-	-	-	-	-	-	-	-
2.2.2) ECO NRE/NAVICP/ALQ-157 - Organic	-	0.815	-	-	-	-	-	-	-	-	-	-
<i>Subtotal NonRecurring</i>		1.524		0.000		0.000		0.000		0.000		0.000
<i>Total, H-46 SAFETY OSIP (025-97)</i>	5,499	64.752	-	-	-	-	-	-	-	-	-	-
<i>Total, All Modifications</i>		64.752		0.000		0.000		0.000		0.000		0.000
Support												
3.1) Engineering Change Orders	-	0.000	-	-	-	-	-	-	-	-	-	-
3.2) Data	-	0.838	-	-	-	-	-	-	-	-	-	-
3.3) Training Equipment	10	0.141	-	-	-	-	-	-	-	-	-	-
3.4) Support Equipment	-	0.405	-	0.050	-	0.050	-	0.050	-	-	-	0.050
3.5) ILS	-	1.172	-	-	-	-	-	-	-	-	-	-
3.6) Other Support	-	12.775	-	-	-	-	-	-	-	-	-	-
3.7) Other Support OCO	-	0.080	-	-	-	-	-	-	-	-	-	-
3.8) Interim Contractor Support	-	0.000	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		15.411		0.050		0.050		0.050		0.000		0.050
<i>Procurement Cost (Procurement + Support)</i>		80.163		0.050		0.050		0.050		0.000		0.050
<i>Total Installation Cost</i>		0.562		0.020		0.021		0.030		0.000		0.030
Total Cost (Procurement + Support + Installation)		80.725		0.070		0.071		0.080		0.000		0.080

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Exhibit P-3A, Individual Modification: PB 2013 Navy								Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0526 - H-46 Series				Modification Nomenclature (<i>Modification Title, Modification Number</i>): H-46 SAFETY OSIP (025-97) - 1					
Models of Systems Affected: H-46 SERIES H-46 SERIES				Type Modification: SAFETY IMPROVEMENT(OSIP 025-97)				Related RDT&E PEs:					
Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
H-46 SAFETY OSIP (025-97)													
A Kits													
Recurring													
1.1.1) A Kits Blue Force Tracker - Organic	-	-	-	-	-	-	-	-	-	-	-	154	2.170
1.1.2) AAR-47 (V)2 Kits - Organic	-	-	-	-	-	-	-	-	-	-	-	214	0.157
1.1.3) AAR-47 Loose Wire GRP Cables - Organic	-	-	-	-	-	-	-	-	-	-	-	220	0.016
1.1.4) ALE-47 Cables - Organic	-	-	-	-	-	-	-	-	-	-	-	36	0.042
1.1.5) ALE-47 Kits - Organic	-	-	-	-	-	-	-	-	-	-	-	387	2.378
1.1.6) ALQ-157 Kits - Organic	-	-	-	-	-	-	-	-	-	-	-	196	9.264
1.1.7) HH-46E Search and Rescue (SAR) - NonOrganic	-	-	-	-	-	-	-	-	-	-	-	7	0.635
1.1.8) Hydraulic System Upgrade (D-Model) - Organic	-	-	-	-	-	-	-	-	-	-	-	81	1.118
1.1.9) Hydraulic System Upgrade (E-Model) - Organic	-	-	-	-	-	-	-	-	-	-	-	140	2.085
1.1.10) Lower Dual Boost Actuator (E-Model) - Organic	-	-	-	-	-	-	-	-	-	-	-	97	0.485
1.1.11) Mission Kits Blue Force Tracker - Organic	-	-	-	-	-	-	-	-	-	-	-	271	3.263
1.1.12) NVG Compatible Cockpit (D-Model) - Organic	-	-	-	-	-	-	-	-	-	-	-	81	3.043
1.1.13) REW D-Airframe (T58-402) AFC-477 - Organic	-	-	-	-	-	-	-	-	-	-	-	65	0.069
1.1.14) REW D-Engine (T58-402) PPC-165 - Organic	-	-	-	-	-	-	-	-	-	-	-	81	0.113
1.1.15) REW E-Airframe (T58-16) AFC-492 - Organic	-	-	-	-	-	-	-	-	-	-	-	200	0.477
1.1.16) REW E-Engine (T58-16) PPC-165 - Organic	-	-	-	-	-	-	-	-	-	-	-	687	0.752
1.1.17) Sliding Rescue Hatch (D/E-Model) - Organic	-	-	-	-	-	-	-	-	-	-	-	66	0.755
1.1.18) Tactical Operating Center Kits - NonOrganic	-	-	-	-	-	-	-	-	-	-	-	130	0.449
1.1.19) Tactical Operating Center Kits (OCO) - NonOrganic ⁽¹⁾	-	-	-	-	-	-	-	-	-	-	-	10	0.382
1.1.20) CDU-7000 - Organic	-	-	-	-	-	-	-	-	-	-	-	330	15.631
1.1.21) Util Hydr Syst AFC-522 - Organic	-	-	-	-	-	-	-	-	-	-	-	187	0.468
1.1.22) Util Hydr Syst Red AFC-521(E) - Organic	-	-	-	-	-	-	-	-	-	-	-	179	1.288
1.1.23) Prior Year Installation Cost - Organic	-	-	-	-	-	-	-	-	-	-	-	1,676	14.960
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		0.000	60.000

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0526 - H-46 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): H-46 SAFETY OSIP (025-97) - 1
Models of Systems Affected: H-46 SERIES H-46 SERIES	Type Modification: SAFETY IMPROVEMENT(OSIP 025-97)	Related RDT&E PEs:

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
NonRecurring												
1.2.1) Installation Kits N/R - Organic	-	-	-	-	-	-	-	-	-	-	-	3.184
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		3.184
B Kits												
Recurring												
2.1.1) Install Equipment - Organic	-	-	-	-	-	-	-	-	-	-	4	0.044
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		0.044
NonRecurring												
2.2.1) ECO MOD/ALQ-157 - Organic	-	-	-	-	-	-	-	-	-	-	-	0.709
2.2.2) ECO NRE/NAVICP/ALQ-157 - Organic	-	-	-	-	-	-	-	-	-	-	-	0.815
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		1.524
<i>Total, H-46 SAFETY OSIP (025-97)</i>	-	-	-	-	-	-	-	-	-	-	5,499	64.752
<i>Total, All Modifications</i>		0.000		0.000		0.000		0.000		0.000		64.752
Support												
3.1) Engineering Change Orders	-	-	-	-	-	-	-	-	-	-	-	-
3.2) Data	-	-	-	-	-	-	-	-	-	-	-	0.838
3.3) Training Equipment	-	-	-	-	-	-	-	-	-	-	10	0.141
3.4) Support Equipment	-	-	-	-	-	-	-	-	-	-	-	0.555
3.5) ILS	-	-	-	-	-	-	-	-	-	-	-	1.172
3.6) Other Support	-	-	-	-	-	-	-	-	-	-	-	12.775
3.7) Other Support OCO	-	-	-	-	-	-	-	-	-	-	-	0.080
3.8) Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		0.000		0.000		0.000		0.000		0.000		15.561
<i>Procurement Cost (Procurement + Support)</i>		0.000		0.000		0.000		0.000		0.000		80.313
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.633
Total Cost (Procurement + Support + Installation)		0.000		0.000		0.000		0.000		0.000		80.946

Remarks:

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0526 - H-46 Series
Models of Systems Affected: H-46 SERIES H-46 SERIES		Modification Nomenclature (Modification Title, Modification Number): H-46 SAFETY OSIP (025-97) - 1
Type Modification: SAFETY IMPROVEMENT(OSIP 025-97)		Related RDT&E PEs:
⁽¹⁾ 10 Tactical Operating Center Kits were purchased using OCO funds. 6 were installed on aircraft and 4 were installed on ships. The 4 will be removed from the ships in FY12 and FY13.		

Manufacturer Information: H-46 SAFETY OSIP (025-97)							
Manufacturer Name: HH-46E Search and Rescue (SAR)				Manufacturer Location: New MFG - Loc			
Administrative Leadtime (in Months): 0				Production Leadtime (in Months): 0			
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates							
Delivery Dates							
Manufacturer Name: Tactical Operating Center Kits (OCO)				Manufacturer Location: New MFG - Loc			
Administrative Leadtime (in Months): 0				Production Leadtime (in Months): 0			
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates							
Delivery Dates							

Installation: H-46 SAFETY OSIP (025-97)			Method of Implementation: Depot				Installation Name: HH-46E Search and Rescue (SAR)					
Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	4	0.289	2	0.020	1	0.011	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	4	0.289	2	0.020	1	0.011	-	-	-	-	-	-

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0526 - H-46 Series
Models of Systems Affected: H-46 SERIES H-46 SERIES		Modification Nomenclature (Modification Title, Modification Number): H-46 SAFETY OSIP (025-97) - 1
Type Modification: SAFETY IMPROVEMENT(OSIP 025-97)		Related RDT&E PEs:

Installation: H-46 SAFETY OSIP (025-97)	Method of Implementation: Depot	Installation Name: HH-46E Search and Rescue (SAR)
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Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	7	0.320
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	7	0.320

Installation Schedule																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	4	2	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7		
Out	4	-	2	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7		

Installation: H-46 SAFETY OSIP (025-97)	Method of Implementation: Contractor/FMT	Installation Name: Tactical Operating Center Kits (OCO)
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	10	0.273	-	-	0	0.010	0	0.030	0	0.000	0	0.030
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0526 - H-46 Series
Models of Systems Affected: H-46 SERIES H-46 SERIES		Modification Nomenclature (Modification Title, Modification Number): H-46 SAFETY OSIP (025-97) - 1
Type Modification: SAFETY IMPROVEMENT(OSIP 025-97)		Related RDT&E PEs:

Installation: H-46 SAFETY OSIP (025-97)	Method of Implementation: Contractor/FMT	Installation Name: Tactical Operating Center Kits (OCO)
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	10	0.273	-	-	0	0.010	0	0.030	0	0.000	0	0.030

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	10	0.313
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	10	0.313

Installation Schedule																															
APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot	
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4			
In	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10
Out	6	-	-	-	-	-	-	-	1	-	1	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10

Installation: H-46 SAFETY OSIP (025-97)	Method of Implementation: Not Installed - A Kits Blue Force Tracker	Installation Quantity: 154
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Installation: H-46 SAFETY OSIP (025-97)	Method of Implementation: Not Installed - AAR-47 (V)2 Kits	Installation Quantity: 214
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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0526 - H-46 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): H-46 SAFETY OSIP (025-97) - 1
Models of Systems Affected: H-46 SERIES H-46 SERIES	Type Modification: SAFETY IMPROVEMENT(OSIP 025-97)	Related RDT&E PEs:
Installation: H-46 SAFETY OSIP (025-97)	Method of Implementation: Not Installed - AAR-47 Loose Wire GRP Cables	Installation Quantity: 220
Installation: H-46 SAFETY OSIP (025-97)	Method of Implementation: Not Installed - ALE-47 Cables	Installation Quantity: 36
Installation: H-46 SAFETY OSIP (025-97)	Method of Implementation: Not Installed - ALE-47 Kits	Installation Quantity: 387
Installation: H-46 SAFETY OSIP (025-97)	Method of Implementation: Not Installed - ALQ-157 Kits	Installation Quantity: 196
Installation: H-46 SAFETY OSIP (025-97)	Method of Implementation: Not Installed - Hydraulic System Upgrade (D-Model)	Installation Quantity: 81
Installation: H-46 SAFETY OSIP (025-97)	Method of Implementation: Not Installed - Hydraulic System Upgrade (E-Model)	Installation Quantity: 140
Installation: H-46 SAFETY OSIP (025-97)	Method of Implementation: Not Installed - Lower Dual Boost Actuator (E-Model)	Installation Quantity: 97
Installation: H-46 SAFETY OSIP (025-97)	Method of Implementation: Not Installed - Mission Kits Blue Force Tracker	Installation Quantity: 271
Installation: H-46 SAFETY OSIP (025-97)	Method of Implementation: Not Installed - NVG Compatible Cockpit (D-Model)	Installation Quantity: 81
Installation: H-46 SAFETY OSIP (025-97)	Method of Implementation: Not Installed - REW D-Airframe (T58-402) AFC-477	Installation Quantity: 65
Installation: H-46 SAFETY OSIP (025-97)	Method of Implementation: Not Installed - REW D-Engine (T58-402) PPC-165	Installation Quantity: 81
Installation: H-46 SAFETY OSIP (025-97)	Method of Implementation: Not Installed - REW E-Airframe (T58-16) AFC-492	Installation Quantity: 200
Installation: H-46 SAFETY OSIP (025-97)	Method of Implementation: Not Installed - REW E-Engine (T58-16) PPC-165	Installation Quantity: 687

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0526 - H-46 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): H-46 SAFETY OSIP (025-97) - 1
Models of Systems Affected: H-46 SERIES H-46 SERIES	Type Modification: SAFETY IMPROVEMENT(OSIP 025-97)	Related RDT&E PEs:
Installation: H-46 SAFETY OSIP (025-97)	Method of Implementation: Not Installed - Sliding Rescue Hatch (D/E-Model)	Installation Quantity: 66
Installation: H-46 SAFETY OSIP (025-97)	Method of Implementation: Not Installed - CDU-7000	Installation Quantity: 330
Installation: H-46 SAFETY OSIP (025-97)	Method of Implementation: Not Installed - Util Hydr Syst AFC-522	Installation Quantity: 187
Installation: H-46 SAFETY OSIP (025-97)	Method of Implementation: Not Installed - Util Hydr Syst Red AFC-521(E)	Installation Quantity: 179
Installation: H-46 SAFETY OSIP (025-97)	Method of Implementation: Not Installed - Prior Year Installation Cost	Installation Quantity: 1676
Installation: H-46 SAFETY OSIP (025-97)	Method of Implementation: Not Installed - Install Equipment	Installation Quantity: 4
Installation: H-46 SAFETY OSIP (025-97)	Method of Implementation: Not Installed - Training Equipment	Installation Quantity: 10

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0526 - H-46 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): H-46 LIGHTWEIGHT COCKPIT SEAT (OSIP 011-05) - 2

Models of Systems Affected: H-46 SERIES	Type Modification: SAFETY (HONA Category A)	Related RDT&E PEs:
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	16.329	0.401	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	16.730
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	16.329	0.401	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	16.730
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	16.329	0.401	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	16.730

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The efficiency of the CH-46E to perform the medium lift assault support mission largely depends on aircraft payload. The empty weight of the aircraft has increased significantly over the aircraft's more than 40 years of service, limiting payload and range, and degrading mission performance. The replacement of pilot, co-pilot, crew chief, and aerial observer seats with a non-developmental military qualified/certified, armored, in-production seat is low risk, and will eliminate the need for lengthy nonrecurring engineering and testing. Modern seats would recover up to 250 pounds of payload and provide the latest in survivability technology. Reducing the empty weight of the aircraft is an extremely viable means of restoring mission effectiveness. The seats will be installed on 164 CH-46E aircraft (138 active + 26 reserve) and 1 trainer.

DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONES: Nonrecurring engineering for pilot/co-pilot seats is complete. The Critical Design Review (CDR) was conducted 08 Dec 2005. A firm fixed price contract for pilot/co-pilot armored seats awarded 06 Jan 2006, with deliveries starting Jun 2006 and completed Nov 2008. Nonrecurring engineering for aerial observer and crew chief seats was completed in FY08, followed by production contract award, Aug 2008. Production crew chief and aerial observer seats are being delivered and production installs are on going at both Depots and with field mod teams. Estimate completion FY2011.

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Exhibit P-3A, Individual Modification: PB 2013 Navy								Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0526 - H-46 Series				Modification Nomenclature (<i>Modification Title, Modification Number</i>): H-46 LIGHTWEIGHT COCKPIT SEAT (OSIP 011-05) - 2					
Models of Systems Affected: H-46 SERIES			Type Modification: SAFETY (HONA Category A)					Related RDT&E PEs:					
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
H-46 LIGHTWEIGHT COCKPIT SEAT (OSIP 011-05)													
A Kits													
Recurring													
1.1.1) Aerial Observer Seat Kit (A) Supp - NonOrganic	164	0.395	-	-	-	-	-	-	-	-	-	-	
1.1.2) Crew Chief Seat Kit (A) Supp - NonOrganic	164	0.395	-	-	-	-	-	-	-	-	-	-	
<i>Subtotal Recurring</i>		0.790		0.000		0.000		0.000		0.000		0.000	
NonRecurring													
1.2.1) Installation Kits N/R - Organic	-	1.414	-	-	-	-	-	-	-	-	-	-	
<i>Subtotal NonRecurring</i>		1.414		0.000		0.000		0.000		0.000		0.000	
B Kits													
Recurring													
2.1.1) Seat Equipment - Organic	468	8.521	-	-	-	-	-	-	-	-	-	-	
2.1.2) Aerial Observer Seats Supp - Organic	164	0.970	-	-	-	-	-	-	-	-	-	-	
2.1.3) Crew Chief Seats - Organic	164	0.970	-	-	-	-	-	-	-	-	-	-	
<i>Subtotal Recurring</i>		10.461		0.000		0.000		0.000		0.000		0.000	
<i>Total, H-46 LIGHTWEIGHT COCKPIT SEAT (OSIP 011-05)</i>	1,124	12.665	-	-	-	-	-	-	-	-	-	-	
<i>Total, All Modifications</i>		12.665		0.000		0.000		0.000		0.000		0.000	
Support													
3.1) Engineering Change Orders - Installation Hardware Changes	-	1.215	-	-	-	-	-	-	-	-	-	-	
3.2) Data	-	0.048	-	-	-	-	-	-	-	-	-	-	
3.3) Training Equipment	3	0.092	-	-	-	-	-	-	-	-	-	-	
3.4) Support Equipment	-	0.214	-	-	-	-	-	-	-	-	-	-	
3.5) ILS	-	0.009	-	-	-	-	-	-	-	-	-	-	
3.6) Other Support	-	0.680	-	-	-	-	-	-	-	-	-	-	
3.7) Interim Contractor Support	-	0.000	-	-	-	-	-	-	-	-	-	-	
<i>Total Support Cost</i>		2.258		0.000		0.000		0.000		0.000		0.000	
<i>Procurement Cost (Procurement + Support)</i>		14.923		0.000		0.000		0.000		0.000		0.000	

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Exhibit P-3A, Individual Modification: PB 2013 Navy									Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0526 - H-46 Series					Modification Nomenclature (<i>Modification Title, Modification Number</i>): H-46 LIGHTWEIGHT COCKPIT SEAT (OSIP 011-05) - 2					
Models of Systems Affected: H-46 SERIES			Type Modification: SAFETY (HONA Category A)				Related RDT&E PEs:							
Financial Plan			Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
			<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>
<i>Total Installation Cost</i>				1.406		0.401		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)				16.329		0.401		0.000		0.000		0.000		0.000
Financial Plan			FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
			<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>
Procurement														
H-46 LIGHTWEIGHT COCKPIT SEAT (OSIP 011-05)														
A Kits														
Recurring														
1.1.1) Aerial Observer Seat Kit (A) Supp - NonOrganic			-	-	-	-	-	-	-	-	-	-	164	0.395
1.1.2) Crew Chief Seat Kit (A) Supp - NonOrganic			-	-	-	-	-	-	-	-	-	-	164	0.395
<i>Subtotal Recurring</i>				0.000		0.000		0.000		0.000		0.000		0.790
NonRecurring														
1.2.1) Installation Kits N/R - Organic			-	-	-	-	-	-	-	-	-	-	-	1.414
<i>Subtotal NonRecurring</i>				0.000		0.000		0.000		0.000		0.000		1.414
B Kits														
Recurring														
2.1.1) Seat Equipment - Organic			-	-	-	-	-	-	-	-	-	-	468	8.521
2.1.2) Aerial Observer Seats Supp - Organic			-	-	-	-	-	-	-	-	-	-	164	0.970
2.1.3) Crew Chief Seats - Organic			-	-	-	-	-	-	-	-	-	-	164	0.970
<i>Subtotal Recurring</i>				0.000		0.000		0.000		0.000		0.000		10.461
<i>Total, H-46 LIGHTWEIGHT COCKPIT SEAT (OSIP 011-05)</i>			-	-	-	-	-	-	-	-	-	-	1,124	12.665
<i>Total, All Modifications</i>				0.000		0.000		0.000		0.000		0.000		12.665
Support														
3.1) Engineering Change Orders - Installation Hardware Changes			-	-	-	-	-	-	-	-	-	-	-	1.215
3.2) Data			-	-	-	-	-	-	-	-	-	-	-	0.048
3.3) Training Equipment			-	-	-	-	-	-	-	-	-	-	3	0.092
3.4) Support Equipment			-	-	-	-	-	-	-	-	-	-	-	0.214

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0526 - H-46 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): H-46 LIGHTWEIGHT COCKPIT SEAT (OSIP 011-05) - 2

Models of Systems Affected: H-46 SERIES	Type Modification: SAFETY (HONA Category A)	Related RDT&E PEs:
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
3.5) ILS	-	-	-	-	-	-	-	-	-	-	-	0.009
3.6) Other Support	-	-	-	-	-	-	-	-	-	-	-	0.680
3.7) Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		0.000		0.000		0.000		0.000		0.000		2.258
<i>Procurement Cost (Procurement + Support)</i>		0.000		0.000		0.000		0.000		0.000		14.923
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		1.807
Total Cost (Procurement + Support + Installation)		0.000		0.000		0.000		0.000		0.000		16.730

Remarks:

Manufacturer Information: H-46 LIGHTWEIGHT COCKPIT SEAT (OSIP 011-05)

Manufacturer Name: Lightweight Cockpit Seats Manufacturer Location: New MFG - Loc

Administrative Leadtime (in Months): 0 Production Leadtime (in Months): 0

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates							
Delivery Dates							

Installation: H-46 LIGHTWEIGHT COCKPIT SEAT (OSIP 011-05) **Method of Implementation:** Contractor FMT/Depot Level (Concurrent with Depot Level Maintenance) **Installation Name:** Lightweight Cockpit Seats (OSIP 011-05)

Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	113	1.406	52	0.401	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0526 - H-46 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): H-46 LIGHTWEIGHT COCKPIT SEAT (OSIP 011-05) - 2

Models of Systems Affected: H-46 SERIES	Type Modification: SAFETY (HONA Category A)	Related RDT&E PEs:
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Installation: H-46 LIGHTWEIGHT COCKPIT SEAT (OSIP 011-05)	Method of Implementation: Contractor FMT/Depot Level (Concurrent with Depot Level Maintenance)	Installation Name: Lightweight Cockpit Seats (OSIP 011-05)
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	113	1.406	52	0.401	-	-	-	-	-	-	-	-

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	165	1.807
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	165	1.807

Installation Schedule																															
APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot	
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4			
In	113	13	13	13	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	165
Out	100	13	13	13	13	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	165

Installation: H-46 LIGHTWEIGHT COCKPIT SEAT (OSIP 011-05)	Method of Implementation: Organic - Seat Equipment	Installation Quantity: 468
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Installation: H-46 LIGHTWEIGHT COCKPIT SEAT (OSIP 011-05)	Method of Implementation: Organic - Aerial Observer Seats Supp	Installation Quantity: 164
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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0526 - H-46 Series	Modification Nomenclature <i>(Modification Title, Modification Number):</i> H-46 LIGHTWEIGHT COCKPIT SEAT (OSIP 011-05) - 2
Models of Systems Affected: H-46 SERIES	Type Modification: SAFETY (HONA Category A)	Related RDT&E PEs:
Installation: H-46 LIGHTWEIGHT COCKPIT SEAT (OSIP 011-05)	Method of Implementation: Organic - Crew Chief Seats	Installation Quantity: 164
Installation: H-46 LIGHTWEIGHT COCKPIT SEAT (OSIP 011-05)	Method of Implementation: Not Installed - Training Equipment	Installation Quantity: 3

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0526 - H-46 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): H-46 GASSP (018-07) - 3

Models of Systems Affected: H-46 Series	Type Modification: SAFETY (HONA Category A)	Related RDT&E PEs:
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	148.686	16.974	24.541	2.263	0.000	2.263	2.300	2.291	2.432	2.477	0.000	201.964
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	148.686	16.974	24.541	2.263	0.000	2.263	2.300	2.291	2.432	2.477	0.000	201.964
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	148.686	16.974	24.541	2.263	0.000	2.263	2.300	2.291	2.432	2.477	0.000	201.964

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

Provides targeted initiatives to remedy the top age-related safety and reliability issues engineered to address the heavy wear-and-tear effects of high-tempo Overseas Contingency Operations (OCO) (400% of planned utilization rate) on CH-46 airframes and subsystems in order to ensure safe, reliable and effective aircraft operation throughout the USMC Medium Lift transition period.

This OSIP will execute multiple Engineering Change Packages (ECPs), grouped in three sequential Block upgrades (A, B, and C). Elements within each Block upgrade have been grouped by similar complexities and lead times.

Specific ECPs:

1. Redesign and modernize wiring harnesses in airframe areas subject to high levels of heat, sand contamination and/or vibration.
2. Redesign and modernize hydraulics subsystems using common or Commercial Off The Shelf (COTS) components.
3. Redesign and improve portions of airframe structure subject to high levels of fatigue, corrosion and other stress.
4. Improve and modernize critical avionics, Aircraft Survival Equipment (ASE) and other aircraft systems to resolve obsolescence, reliability or safety issues using common, previously qualified or COTS solutions.
5. Incorporate Infrared Suppression System - Headquarters Marine Corps (letter dated 18 Aug 2009) requested termination of this effort as a result of a combination of technical performance issues and weight concerns.
6. Incorporate New Ramp Gun Mounts.
7. Incorporate Wire Strike Protection System (WSPS).

DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONES:

Block A: This upgrade is complete.

Block B: NRE began in FY 08 followed by VAL/VER installation in 4th QTR 09. Initial production installs began 3rd QTR FY10.

Block C: Production installs began 3rd QTR FY11.

Infrared Suppression System effort was terminated. Headquarters Marine Corps (letter dated 18 Aug 2009) requested termination of this effort as a result of a combination of technical performance issues and weight concerns.

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0526 - H-46 Series	Modification Nomenclature <i>(Modification Title, Modification Number):</i> H-46 GASSP (018-07) - 3
Models of Systems Affected: H-46 Series	Type Modification: SAFETY (HONA Category A)	Related RDT&E PEs:

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Exhibit P-3A, Individual Modification: PB 2013 Navy										Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0526 - H-46 Series						Modification Nomenclature (<i>Modification Title, Modification Number</i>): H-46 GASSP (018-07) - 3			
Models of Systems Affected: H-46 Series				Type Modification: SAFETY (HONA Category A)				Related RDT&E PEs:					
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
H-46 GASSP (018-07)													
A Kits													
Recurring													
1.1.1) GASSP Block A (A-Kit) - NonOrganic ⁽²⁾	371	13.356	-	-	-	-	-	-	-	-	-	-	
1.1.2) GASSP Block B (A-Kit) - NonOrganic ⁽³⁾	128	4.645	18	0.500	-	-	-	-	-	-	-	-	
1.1.3) GASSP Block C (A-Kit) - NonOrganic ⁽⁴⁾	227	23.968	41	4.520	-	-	-	-	-	-	-	-	
1.1.4) GASSP Kits (IMP Mod) - NonOrganic ⁽⁵⁾	190	5.997	-	-	-	-	-	-	-	-	-	-	
<i>Subtotal Recurring</i>		47.966		5.020		0.000		0.000		0.000		0.000	
NonRecurring													
1.2.1) Installation Kits N/R - Organic	-	6.582	-	0.150	-	-	-	-	-	-	-	-	
<i>Subtotal NonRecurring</i>		6.582		0.150		0.000		0.000		0.000		0.000	
B Kits													
Recurring													
2.1.1) Installation Equipment - Organic	4,091	43.300	753	1.269	833	12.301	180	0.200	-	-	180	0.200	
<i>Subtotal Recurring</i>		43.300		1.269		12.301		0.200		0.000		0.200	
NonRecurring													
2.2.1) Installation Equipment N/R - Organic	1	10.952	-	-	-	-	-	-	-	-	-	-	
<i>Subtotal NonRecurring</i>		10.952		0.000		0.000		0.000		0.000		0.000	
<i>Total, H-46 GASSP (018-07)</i>	5,008	108.800	812	6.439	833	12.301	180	0.200	-	-	180	0.200	
<i>Total, All Modifications</i>		108.800		6.439		12.301		0.200		0.000		0.200	
Support													
3.1) Engineering Change Orders	-	0.000	-	-	-	-	-	-	-	-	-	-	
3.2) Data	-	1.208	-	0.690	-	2.589	-	0.012	-	-	-	0.012	
3.3) Training Equipment	8	0.492	2	0.125	-	-	-	-	-	-	-	-	
3.4) Support Equipment	-	7.633	-	0.731	-	0.100	-	0.101	-	-	-	0.101	
3.5) ILS	-	2.104	-	1.180	-	1.100	-	-	-	-	-	-	
3.6) Other Support	-	20.459	-	4.323	-	6.017	-	1.751	-	-	-	1.751	

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0526 - H-46 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): H-46 GASSP (018-07) - 3

Models of Systems Affected: H-46 Series	Type Modification: SAFETY (HONA Category A)	Related RDT&E PEs:										
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
3.7) Interim Contractor Support	-	0.000	-	-	-	-	-	-	-	-	-	-
Total Support Cost		31.896		7.049		9.806		1.864		0.000		1.864
Procurement Cost (Procurement + Support)		140.696		13.488		22.107		2.064		0.000		2.064
Total Installation Cost		7.990		3.486		2.434		0.199		0.000		0.199
Total Cost (Procurement + Support + Installation)		148.686		16.974		24.541		2.263		0.000		2.263

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
H-46 GASSP (018-07)												
A Kits												
Recurring												
1.1.1) GASSP Block A (A-Kit) - NonOrganic ⁽²⁾	-	-	-	-	-	-	-	-	-	-	371	13.356
1.1.2) GASSP Block B (A-Kit) - NonOrganic ⁽³⁾	-	-	-	-	-	-	-	-	-	-	146	5.145
1.1.3) GASSP Block C (A-Kit) - NonOrganic ⁽⁴⁾	-	-	-	-	-	-	-	-	-	-	268	28.488
1.1.4) GASSP Kits (IMP Mod) - NonOrganic ⁽⁵⁾	-	-	-	-	-	-	-	-	-	-	190	5.997
Subtotal Recurring		0.000		0.000		0.000		0.000		0.000		52.986
NonRecurring												
1.2.1) Installation Kits N/R - Organic	-	-	-	-	-	-	-	-	-	-	-	6.732
Subtotal NonRecurring		0.000		0.000		0.000		0.000		0.000		6.732
B Kits												
Recurring												
2.1.1) Installation Equipment - Organic	-	-	-	-	-	-	-	-	-	-	5,857	57.070
Subtotal Recurring		0.000		0.000		0.000		0.000		0.000		57.070
NonRecurring												
2.2.1) Installation Equipment N/R - Organic	-	-	-	-	-	-	-	-	-	-	1	10.952
Subtotal NonRecurring		0.000		0.000		0.000		0.000		0.000		10.952

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0526 - H-46 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): H-46 GASSP (018-07) - 3

Models of Systems Affected: H-46 Series	Type Modification: SAFETY (HONA Category A)	Related RDT&E PEs:
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
<i>Total, H-46 GASSP (018-07)</i>	-	-	-	-	-	-	-	-	-	-	6,833	127.740
<i>Total, All Modifications</i>		0.000		0.000		0.000		0.000		0.000		127.740
Support												
3.1) Engineering Change Orders	-	-	-	-	-	-	-	-	-	-	-	-
3.2) Data	-	-	-	-	-	-	-	-	-	-	-	4.499
3.3) Training Equipment	-	-	-	-	-	-	-	-	-	-	10	0.617
3.4) Support Equipment	-	-	-	-	-	-	-	-	-	-	-	8.565
3.5) ILS	-	-	-	-	-	-	-	-	-	-	-	4.384
3.6) Other Support	-	2.300	-	2.291	-	2.432	-	2.477	-	-	-	42.050
3.7) Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		2.300		2.291		2.432		2.477		0.000		60.115
<i>Procurement Cost (Procurement + Support)</i>		2.300		2.291		2.432		2.477		0.000		187.855
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		14.109
Total Cost (Procurement + Support + Installation)		2.300		2.291		2.432		2.477		0.000		201.964

Remarks:

- (2)Block A Install Schedule: QTY of 374 GASSP Block A Installs = 119 each shipsets + 1 trainer for Wire Strike Protection System (WSPS), 126 each shipsets + 1 trainer for Electrical Hydraulic Pump (EHP) and 126 each shipsets + 1 trainer for Electrical Block Upgrade.
- (3)Block B Install Schedule: Qty of 79 GASSP Block B Installs = 146 each shipsets + 1 trainer (prior year) for AIMS enhancements with HTA. Qty of 68 Block B FY 2011 GASSP installs funded with FY 2009 OCO supplemental funding.
- (4)Block C Install Schedule: 1. Qty of 272 GASSP Block C Installs = 58 each shipsets for MDP & OH (+ 1 trainer), 93 each shipsets for ICS (+1 trainer), 59 each shipsets for VOR/ILS (+1 trainer), and 58 each shipsets (+1 trainer) for PTU. 2. Qty of 34 Block C FY 2011 GASSP installs funded with FY 2009 OCO supplemental funding.
- (5)IMP Install Schedule: Qty of (191) kits bought with Supplemental funds in Prior Years. QTY of 191 INSTALL EQUIPMENT = 71 each shipsets + 1 trainers for Sync Shaft Fairings, 62 each shipsets for APU Deck Upgrade, and 57 each shipsets for Oil Tank & Cradle.

Manufacturer Information: H-46 GASSP (018-07)

Manufacturer Name: Block B Mfg				Manufacturer Location: New MFG - Loc			
Administrative Leadtime (in Months): 1				Production Leadtime (in Months): 1			
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates	Oct 2010						
Delivery Dates	Nov 2010						

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0526 - H-46 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): H-46 GASSP (018-07) - 3

Models of Systems Affected: H-46 Series	Type Modification: SAFETY (HONA Category A)	Related RDT&E PEs:
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Manufacturer Information: H-46 GASSP (018-07)

Manufacturer Name: Block C Mfg	Manufacturer Location: New MFG - Loc
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Administrative Leadtime (<i>in Months</i>): 1	Production Leadtime (<i>in Months</i>): 1
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Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates	Oct 2010	Oct 2011					
Delivery Dates	Nov 2010	Nov 2012					

Manufacturer Name: Block A Mfg	Manufacturer Location: New MFG - Loc
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Administrative Leadtime (<i>in Months</i>): 0	Production Leadtime (<i>in Months</i>): 0
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Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates							
Delivery Dates							

Manufacturer Name: IMP Mod Kits	Manufacturer Location: New MFG - Loc
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Administrative Leadtime (<i>in Months</i>): 0	Production Leadtime (<i>in Months</i>): 0
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Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates							
Delivery Dates							

Installation: H-46 GASSP (018-07)	Method of Implementation: Contractor FMT& Concurrent with Depot Level Maintenance	Installation Name: GASSP Block A (A-Kit)
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	309	4.862	65	0.762	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0526 - H-46 Series
Modification Nomenclature (Modification Title, Modification Number): H-46 GASSP (018-07) - 3		

Models of Systems Affected: H-46 Series	Type Modification: SAFETY (HONA Category A)	Related RDT&E PEs:
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Installation: H-46 GASSP (018-07)	Method of Implementation: Contractor FMT& Concurrent with Depot Level Maintenance	Installation Name: GASSP Block A (A-Kit)
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Total	309	4.862	65	0.762	-	-	-	-	-	-	-	-

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	374	5.624
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	374	5.624

Installation Schedule		FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
	APY	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	309	32	33	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	374
Out	277	32	32	33	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	374	

Installation: H-46 GASSP (018-07)	Method of Implementation: Contractor FMT& Concurrent with Depot Level Maintenance	Installation Name: GASSP Block B (A-Kit)
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	37	1.159	92	0.279	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	18	0.218	-	-	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Navy							Date: February 2012						
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0526 - H-46 Series				Modification Nomenclature (<i>Modification Title, Modification Number</i>): H-46 GASSP (018-07) - 3					
Models of Systems Affected: H-46 Series				Type Modification: SAFETY (HONA Category A)				Related RDT&E PEs:					

Installation: H-46 GASSP (018-07)				Method of Implementation: Contractor FMT& Concurrent with Depot Level Maintenance				Installation Name: GASSP Block B (A-Kit)					
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	37	1.159	92	0.279	18	0.218	-	-	-	-	-	-

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	129	1.438
FY 2011	-	-	-	-	-	-	-	-	-	-	18	0.218
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	147	1.656

Installation Schedule																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	37	4	6	47	35	5	6	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	147	
Out	28	9	4	6	47	35	5	6	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	147	

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0526 - H-46 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): H-46 GASSP (018-07) - 3

Models of Systems Affected: H-46 Series	Type Modification: SAFETY (HONA Category A)	Related RDT&E PEs:
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Installation: H-46 GASSP (018-07)	Method of Implementation: Contractor FMT& Concurrent with Depot Level Maintenance	Installation Name: GASSP Block C (A-Kit)
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	6	1.181	131	1.767	92	1.391	-	-	-	-	-	-
FY 2011	-	-	-	-	35	0.528	8	0.111	0	0.000	8	0.111
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	6	1.181	131	1.767	127	1.919	8	0.111	0	0.000	8	0.111

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	229	4.339
FY 2011	-	-	-	-	-	-	-	-	-	-	43	0.639
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	272	4.978

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0526 - H-46 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): H-46 GASSP (018-07) - 3

Models of Systems Affected: H-46 Series	Type Modification: SAFETY (HONA Category A)	Related RDT&E PEs:
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Installation: H-46 GASSP (018-07)	Method of Implementation: Contractor FMT& Concurrent with Depot Level Maintenance	Installation Name: GASSP Block C (A-Kit)
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Installation Schedule																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	6	24	24	32	51	31	32	32	32	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	272	
Out	-	6	24	24	32	51	31	32	32	32	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	272	

Installation: H-46 GASSP (018-07)	Method of Implementation: Contractor FMT& Concurrent with Depot Level Maintenance	Installation Name: GASSP Kits (IMP Mod)
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>
All Prior Years	75	0.788	66	0.678	34	0.297	16	0.088	0	0.000	16	0.088
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	75	0.788	66	0.678	34	0.297	16	0.088	0	0.000	16	0.088

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>
All Prior Years	-	-	-	-	-	-	-	-	-	-	191	1.851
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0526 - H-46 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): H-46 GASSP (018-07) - 3

Models of Systems Affected: H-46 Series	Type Modification: SAFETY (HONA Category A)	Related RDT&E PEs:
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Installation: H-46 GASSP (018-07)	Method of Implementation: Contractor FMT& Concurrent with Depot Level Maintenance	Installation Name: GASSP Kits (IMP Mod)
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Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	191	1.851

Installation Schedule																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	75	17	16	17	16	8	9	8	9	8	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	191	
Out	59	16	17	16	17	16	8	9	8	9	8	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	191		

Installation: H-46 GASSP (018-07)	Method of Implementation: Organic - Installation Equipment	Installation Quantity: 5857
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Installation: H-46 GASSP (018-07)	Method of Implementation: Organic - Installation Equipment N/R	Installation Quantity: 1
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Installation: H-46 GASSP (018-07)	Method of Implementation: Not Installed - Training Equipment	Installation Quantity: 10
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Exhibit P-3A, Individual Modification: PB 2013 Navy							Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0526 - H-46 Series				Modification Nomenclature (<i>Modification Title, Modification Number</i>): INACTIVE OSIPS - 4				

Models of Systems Affected: [No Model Specified] **Type Modification:** [No Modification Type Specified] **Related RDT&E PEs:**

Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	434.144	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	434.144
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	434.144	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	434.144
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	434.144	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	434.144

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0526 - H-46 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): INACTIVE OSIPS - 4

Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs:
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
INACTIVE OSIPS												
A Kits												
Recurring												
1.1.1) Inactive OSIP Total - Organic	-	434.144	-	-	-	-	-	-	-	-	-	-
<i>Subtotal Recurring</i>		434.144		0.000		0.000		0.000		0.000		0.000
<i>Total, INACTIVE OSIPS</i>	-	434.144	-	-	-	-	-	-	-	-	-	-
<i>Total, All Modifications</i>		434.144		0.000		0.000		0.000		0.000		0.000
<i>Procurement Cost (Procurement + Support)</i>		434.144		0.000		0.000		0.000		0.000		0.000
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		434.144		0.000		0.000		0.000		0.000		0.000

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
INACTIVE OSIPS												
A Kits												
Recurring												
1.1.1) Inactive OSIP Total - Organic	-	-	-	-	-	-	-	-	-	-	-	434.144
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		434.144
<i>Total, INACTIVE OSIPS</i>	-	-	-	-	-	-	-	-	-	-	-	434.144
<i>Total, All Modifications</i>		0.000		0.000		0.000		0.000		0.000		434.144
<i>Procurement Cost (Procurement + Support)</i>		0.000		0.000		0.000		0.000		0.000		434.144
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		0.000		0.000		0.000		0.000		0.000		434.144

Remarks:

Manufacturer Information: INACTIVE OSIPS

Manufacturer Name: Manufacturer Name Not Provided. Manufacturer Location: Manufacturer Location Not Provided.

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Exhibit P-3A, Individual Modification: PB 2013 Navy						Date: February 2012	
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1			P-1 Line Item Nomenclature: 0526 - H-46 Series			Modification Nomenclature (<i>Modification Title, Modification Number</i>): INACTIVE OSIPS - 4	
Models of Systems Affected: [No Model Specified]		Type Modification: [No Modification Type Specified]			Related RDT&E PEs:		
Manufacturer Information: INACTIVE OSIPS							
Administrative Leadtime (<i>in Months</i>):				Production Leadtime (<i>in Months</i>):			
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates							
Delivery Dates							
Installation: INACTIVE OSIPS							
Method of Implementation: No Quantities Associated with Install				Installation Quantity: 0			

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Exhibit P-40, Budget Item Justification Sheet: PB 2013 Navy **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 1506N : Aircraft Procurement, Navy / BA 5 : Modification of Aircraft / BSA 1 : Modification Of Aircraft	P-1 Line Item Nomenclature: 0527 - AH-1W Series
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Resource Summary	Program Elements for Code B Items:						Other Related Program Elements:					
	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	571.760	55.399	53.746	8.721	-	8.721	12.379	14.440	17.222	14.467	52.018	800.152
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	571.760	55.399	53.746	8.721	-	8.721	12.379	14.440	17.222	14.467	52.018	800.152
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	571.760	55.399	53.746	8.721	-	8.721	12.379	14.440	17.222	14.467	52.018	800.152
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

This line item funds modifications to the AH-1W aircraft. Modifications prior to FY 1997 were funded in the H-1 Series P-1 line item. In FY13 we project 126 AH-1Ws. The AH-1W is a tandem-seat, two-place attack helicopter. The mission of the AH-1W attack helicopter is to provide rotary wing close air support, anti-armor, armed escort, armed/visual reconnaissance, survivability enhancements, and fire support under day/night and adverse weather conditions and special operations support; supporting arms coordination and aeromedical evacuation. The armament of the AH-1W includes the Sidewinder, Hellfire, and TOW missile systems, a chin-mounted 20mm turret gun, and wide variety of forward-firing and gravity-released external stores. The overall goal of the modifications budgeted in FY 2013 is to eliminate safety hazards, improve survivability, fulfill operational requirements, remedy obsolescence issues, and maintain significant mission capability. Additionally, the H-1 will continue to upgrade the applicable aircraft sensor and avionics systems and subsystems as well as the weapons rocket delivery system which includes the Advance Precision Kill Weapons System (APKWS). In addition, air vehicle improvements requiring critical reliability enhancements are incorporated. The platform will continue to fulfill the operational requirements to detect, identify, and destroy tactical-sized armored targets with precision guided munitions during the day, at night, and during adverse weather, as well as providing enhanced conventional weapons delivery by utilizing the system's laser ranging and designating system.

Item Schedule		ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
AH-1W NIGHT TARGETING (OSIP 008-90) - 1	P3A		-	-	369.210	-	-	38.258	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000
AH-1 A/C & T700 ENG (OSIP 013-00) - 2	P3A		-	-	91.198	-	-	17.141	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000
H-1 AIR VEHICLE IMPROVEMENTS (OSIP 012-12) - 3	P3A		-	-	0.000	-	-	0.000	-	-	1.559	-	-	3.094	-	-	0.000	-	-	3.094

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Exhibit P-40, Budget Item Justification Sheet: PB 2013 Navy **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity:
 1506N : Aircraft Procurement, Navy / BA 5 : Modification of Aircraft / BSA 1 :
 Modification Of Aircraft

P-1 Line Item Nomenclature:
 0527 - AH-1W Series

ID Code (A=Service Ready, B=Not Service Ready) : A **Program Elements for Code B Items:** **Other Related Program Elements:**

Item Schedule		ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
H-1 SENSORS AND WEAPONS IMPROVEMENTS (OSIP 013-12) - 4	P3A		-	-	0.000	-	-	0.000	-	-	52.187	-	-	2.956	-	-	0.000	-	-	2.956
H-1 AVIONICS IMPROVEMENTS (OSIP 006-13) - 5	P3A		-	-	0.000	-	-	0.000	-	-	0.000	-	-	2.671	-	-	0.000	-	-	2.671
INACTIVE OSIPs - 6	P3A		-	-	111.352	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000
Total Gross/Weapon System Cost					571.760			55.399			53.746			8.721			-			8.721

		ID CD	FY 2014			FY 2015			FY 2016			FY 2017			To Complete			Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
AH-1W NIGHT TARGETING (OSIP 008-90) - 1	P3A		-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	407.468
AH-1 A/C & T700 ENG (OSIP 013-00) - 2	P3A		-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	108.339
H-1 AIR VEHICLE IMPROVEMENTS (OSIP 012-12) - 3	P3A		-	-	0.000	-	-	3.697	-	-	4.297	-	-	2.451	-	-	1.494	-	-	16.592
H-1 SENSORS AND WEAPONS IMPROVEMENTS (OSIP 013-12) - 4	P3A		-	-	10.419	-	-	8.291	-	-	9.979	-	-	10.020	-	-	50.207	-	-	144.059
H-1 AVIONICS IMPROVEMENTS (OSIP 006-13) - 5	P3A		-	-	1.960	-	-	2.452	-	-	2.946	-	-	1.996	-	-	0.317	-	-	12.342
INACTIVE OSIPs - 6	P3A		-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	111.352
Total Gross/Weapon System Cost					12.379			14.440			17.222			14.467			52.018			800.152

*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.

Justification:

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0527 - AH-1W Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): AH-1W NIGHT TARGETING (OSIP 008-90) - 1

Models of Systems Affected: AH-1W	Type Modification: SAFETY	Related RDT&E PEs:
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	369.210	38.258	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	407.468
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	369.210	38.258	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	407.468
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	369.210	38.258	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	407.468

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The U.S. Marine Corps (USMC) has an operational requirement to detect, identify, and destroy tactical-sized armored targets with precision guided munitions during day, night, and adverse weather conditions. The Night Targeting System (NTS) provides a night/adverse weather and designator TOW and autonomous HELLFIRE capability. In addition, NTS will provide enhanced conventional weapons delivery by utilizing the systems laser ranging system. The NTS will accomplish the USMC requirement for night operations by incorporating a high resolution stabilized forward looking infra-red sensor, charged coupled device camera system, automatic target tracking, and laser range finder/designator into the current M65 telescopic sight unit. Due to changes in the TOW missile control by addition of the NTS, a buffer box is being incorporated to ensure proper operation of the TOW missile with the NTS/Heads Up Display (HUD). Additional NTS Upgrades (NTSU) will be made which will include WRA modifications to improve reliability, maintainability, and systems stabilization. The NTSU Digital Video Recorder (DVR) and Mission Data Loader (MDL) will be modified to improve functionality and be incorporated into a single WRA.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: Night Targeting System fully outfitted in AH-1W. NTSU is required for the AH-1W to improve system performance to meet aircraft service life expectancy through 2021. Upgrades will include, but are not limited to replacement of the first generation FLIR with a third generation FLIR, replacing the black and white TV with a color TV, improve bore sighting operations of internal components, and continue reliability, maintainability, and stabilization improvements. The NTSU completed DT and OT and was found to be operationally effective and operationally suitable. NTSU system is currently in production.

Notes:
n/a

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Exhibit P-3A, Individual Modification: PB 2013 Navy										Date: February 2012				
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1					P-1 Line Item Nomenclature: 0527 - AH-1W Series					Modification Nomenclature (<i>Modification Title, Modification Number</i>): AH-1W NIGHT TARGETING (OSIP 008-90) - 1				
Models of Systems Affected: AH-1W				Type Modification: SAFETY						Related RDT&E PEs:				
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total			
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)		
Procurement														
AH-1W NIGHT TARGETING (OSIP 008-90)														
A Kits														
Recurring														
1.1.1) Accelerated Kits - Organic	5	2.017	-	-	-	-	-	-	-	-	-	-		
1.1.2) A/F Kits - NonOrganic	128	37.470	-	-	-	-	-	-	-	-	-	-		
1.1.3) NTS Kits - Organic	132	129.430	-	-	-	-	-	-	-	-	-	-		
1.1.4) NTSU Kits - Organic	38	32.565	2	1.011	-	-	-	-	-	-	-	-		
1.1.5) NTSU Kits OCO - Organic	-	-	60	30.330	-	-	-	-	-	-	-	-		
1.1.6) Tow Buffer Kits - Organic	202	1.817	-	-	-	-	-	-	-	-	-	-		
<i>Subtotal Recurring</i>		203.299		31.341		0.000		0.000		0.000		0.000		
NonRecurring														
1.2.1) Installation Kits N/R - Organic	-	24.655	-	0.200	-	-	-	-	-	-	-	-		
1.2.2) Installation Kits N/R OCO - Organic	-	-	-	1.190	-	-	-	-	-	-	-	-		
<i>Subtotal NonRecurring</i>		24.655		1.390		0.000		0.000		0.000		0.000		
B Kits														
Recurring														
2.1.1) ICRS GFE - Organic	41	1.786	-	-	-	-	-	-	-	-	-	-		
2.1.2) Misc. GFE (Repair/Replace) - Organic	1	5.507	-	-	-	-	-	-	-	-	-	-		
2.1.3) NTS GFE - Organic	79	1.527	-	-	-	-	-	-	-	-	-	-		
2.1.4) VCRS (Digital Video Recorder) - Organic	137	3.586	-	-	-	-	-	-	-	-	-	-		
<i>Subtotal Recurring</i>		12.406		0.000		0.000		0.000		0.000		0.000		
NonRecurring														
2.2.1) Installation Equipment N/R. - Organic	-	3.814	-	0.200	-	-	-	-	-	-	-	-		
2.2.2) Installation Equipment N/R OCO - Organic	-	-	-	0.900	-	-	-	-	-	-	-	-		
<i>Subtotal NonRecurring</i>		3.814		1.100		0.000		0.000		0.000		0.000		
<i>Total, AH-1W NIGHT TARGETING (OSIP 008-90)</i>	763	244.174	62	33.831	-	-	-	-	-	-	-	-		
<i>Total, All Modifications</i>		244.174		33.831		0.000		0.000		0.000		0.000		

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0527 - AH-1W Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): AH-1W NIGHT TARGETING (OSIP 008-90) - 1

Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
	Support											
3.1) Engineering Change Orders	-	8.117	-	0.100	-	-	-	-	-	-	-	-
3.2) Engineering Change Orders OCO	-	-	-	0.500	-	-	-	-	-	-	-	-
3.3) Data	-	1.870	-	0.100	-	-	-	-	-	-	-	-
3.4) Data OCO	-	-	-	0.300	-	-	-	-	-	-	-	-
3.5) Training Equipment	6	7.671	-	-	-	-	-	-	-	-	-	-
3.6) Support Equipment	1	15.093	-	-	-	-	-	-	-	-	-	-
3.7) ILS	-	16.221	-	-	-	-	-	-	-	-	-	-
3.8) Other Support	-	30.242	-	1.137	-	-	-	-	-	-	-	-
3.9) Other Support OCO	-	-	-	2.290	-	-	-	-	-	-	-	-
3.10) Interim Contractor Support	-	0.732	-	-	-	-	-	-	-	-	-	-
Total Support Cost		79.946		4.427		0.000		0.000		0.000		0.000
Procurement Cost (Procurement + Support)		324.120		38.258		0.000		0.000		0.000		0.000
Total Installation Cost		45.090		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		369.210		38.258		0.000		0.000		0.000		0.000

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
AH-1W NIGHT TARGETING (OSIP 008-90)												
A Kits												
Recurring												
1.1.1) Accelerated Kits - Organic	-	-	-	-	-	-	-	-	-	-	5	2.017
1.1.2) A/F Kits - NonOrganic	-	-	-	-	-	-	-	-	-	-	128	37.470
1.1.3) NTS Kits - Organic	-	-	-	-	-	-	-	-	-	-	132	129.430
1.1.4) NTSU Kits - Organic	-	-	-	-	-	-	-	-	-	-	40	33.576
1.1.5) NTSU Kits OCO - Organic	-	-	-	-	-	-	-	-	-	-	60	30.330
1.1.6) Tow Buffer Kits - Organic	-	-	-	-	-	-	-	-	-	-	202	1.817

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Exhibit P-3A, Individual Modification: PB 2013 Navy									Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0527 - AH-1W Series					Modification Nomenclature (<i>Modification Title, Modification Number</i>): AH-1W NIGHT TARGETING (OSIP 008-90) - 1			
Models of Systems Affected: AH-1W			Type Modification: SAFETY					Related RDT&E PEs:				
Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		234.640
NonRecurring												
1.2.1) Installation Kits N/R - Organic	-	-	-	-	-	-	-	-	-	-	-	24.855
1.2.2) Installation Kits N/R OCO - Organic	-	-	-	-	-	-	-	-	-	-	-	1.190
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		26.045
B Kits												
Recurring												
2.1.1) ICRS GFE - Organic	-	-	-	-	-	-	-	-	-	-	41	1.786
2.1.2) Misc. GFE (Repair/Replace) - Organic	-	-	-	-	-	-	-	-	-	-	1	5.507
2.1.3) NTS GFE - Organic	-	-	-	-	-	-	-	-	-	-	79	1.527
2.1.4) VCRS (Digital Video Recorder) - Organic	-	-	-	-	-	-	-	-	-	-	137	3.586
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		12.406
NonRecurring												
2.2.1) Installation Equipment N/R. - Organic	-	-	-	-	-	-	-	-	-	-	-	4.014
2.2.2) Installation Equipment N/R OCO - Organic	-	-	-	-	-	-	-	-	-	-	-	0.900
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		4.914
<i>Total, AH-1W NIGHT TARGETING (OSIP 008-90)</i>	-	-	-	-	-	-	-	-	-	-	825	278.005
<i>Total, All Modifications</i>		0.000		0.000		0.000		0.000		0.000		278.005
Support												
3.1) Engineering Change Orders	-	-	-	-	-	-	-	-	-	-	-	8.217
3.2) Engineering Change Orders OCO	-	-	-	-	-	-	-	-	-	-	-	0.500
3.3) Data	-	-	-	-	-	-	-	-	-	-	-	1.970
3.4) Data OCO	-	-	-	-	-	-	-	-	-	-	-	0.300
3.5) Training Equipment	-	-	-	-	-	-	-	-	-	-	6	7.671
3.6) Support Equipment	-	-	-	-	-	-	-	-	-	-	1	15.093
3.7) ILS	-	-	-	-	-	-	-	-	-	-	-	16.221
3.8) Other Support	-	-	-	-	-	-	-	-	-	-	-	31.379
3.9) Other Support OCO	-	-	-	-	-	-	-	-	-	-	-	2.290

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0527 - AH-1W Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): AH-1W NIGHT TARGETING (OSIP 008-90) - 1

Models of Systems Affected: AH-1W	Type Modification: SAFETY	Related RDT&E PEs:										
Financial Plan	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total						
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
3.10) Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	0.732
<i>Total Support Cost</i>		0.000		0.000		0.000		0.000		0.000		84.373
<i>Procurement Cost (Procurement + Support)</i>		0.000		0.000		0.000		0.000		0.000		362.378
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		45.090
Total Cost (Procurement + Support + Installation)		0.000		0.000		0.000		0.000		0.000		407.468

Remarks:

Manufacturer Information: AH-1W NIGHT TARGETING (OSIP 008-90)

Manufacturer Name: Kollsman	Manufacturer Location: Merrimack, NH
Administrative Leadtime (in Months): 2	Production Leadtime (in Months): 6

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates							
Delivery Dates							

Installation: AH-1W NIGHT TARGETING (OSIP 008-90)	Method of Implementation: Contractor Field Mod Team	Installation Name: A/F Kits										
Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	128	45.090	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	128	45.090	-	-	-	-	-	-	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0527 - AH-1W Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): AH-1W NIGHT TARGETING (OSIP 008-90) - 1

Models of Systems Affected: AH-1W	Type Modification: SAFETY	Related RDT&E PEs:
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Installation: AH-1W NIGHT TARGETING (OSIP 008-90)	Method of Implementation: Contractor Field Mod Team	Installation Name: A/F Kits
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Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	128	45.090
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	128	45.090

Installation Schedule																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	128	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	128
Out	128	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	128

Installation: AH-1W NIGHT TARGETING (OSIP 008-90)	Method of Implementation: Not Installed - Accelerated Kits	Installation Quantity: 5
Installation: AH-1W NIGHT TARGETING (OSIP 008-90)	Method of Implementation: Not Installed - NTS Kits	Installation Quantity: 132
Installation: AH-1W NIGHT TARGETING (OSIP 008-90)	Method of Implementation: Not Installed - NTSU Kits	Installation Quantity: 40
Installation: AH-1W NIGHT TARGETING (OSIP 008-90)	Method of Implementation: Not Installed - NTSU Kits OCO	Installation Quantity: 60
Installation: AH-1W NIGHT TARGETING (OSIP 008-90)	Method of Implementation: Not Installed - Tow Buffer Kits	Installation Quantity: 202
Installation: AH-1W NIGHT TARGETING (OSIP 008-90)	Method of Implementation: Not Installed - ICRS GFE	Installation Quantity: 41

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0527 - AH-1W Series	Modification Nomenclature <i>(Modification Title, Modification Number):</i> AH-1W NIGHT TARGETING (OSIP 008-90) - 1
Models of Systems Affected: AH-1W	Type Modification: SAFETY	Related RDT&E PEs:
Installation: AH-1W NIGHT TARGETING (OSIP 008-90)	Method of Implementation: Not Installed - Misc. GFE (Repair/ Replace)	Installation Quantity: 1
Installation: AH-1W NIGHT TARGETING (OSIP 008-90)	Method of Implementation: Not Installed - NTS GFE	Installation Quantity: 79
Installation: AH-1W NIGHT TARGETING (OSIP 008-90)	Method of Implementation: Not Installed - VCRS (Digital Video Recorder)	Installation Quantity: 137
Installation: AH-1W NIGHT TARGETING (OSIP 008-90)	Method of Implementation: Not Installed - Training Equipment	Installation Quantity: 6
Installation: AH-1W NIGHT TARGETING (OSIP 008-90)	Method of Implementation: Not Installed - Support Equipment	Installation Quantity: 1

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0527 - AH-1W Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): AH-1 A/C & T700 ENG (OSIP 013-00) - 2

Models of Systems Affected: AH-1W	Type Modification: SAFETY	Related RDT&E PEs:
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	91.198	17.141	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	108.339
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	91.198	17.141	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	108.339
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	91.198	17.141	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	108.339

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

This program is designed to address safety issues, such as mishap casual factors associated with maintaining an older type model series aircraft. The AH-1W helicopter is powered by two General Electric T700-GE-401 turbo shaft engines which are controlled throughout the normal operating range by the Electrical Control Unit (EECU) and the Hydro-Mechanical Unit (HMU). Safety programs that will be implemented by this OSIP include, but are not limited to incorporation of crash attenuating seat cushions to reduce the likelihood of back injuries to pilots during hard landings or crashes. Additional A/C fatigue life issues, including, but not limited to, rotor blades, stub wings and tail boom technology, will be investigated to improve performance and mitigate aircraft fatigue. Reduction of cockpit vertigo-inducing problems will include an update to the Cockpit Control System, Blue Force Tracker (BFT), Heads-Up-Display (HUD) upgrades (Helmet Display and Tracker System (HDTS)). Tactile Situation Awareness System (TSAS), upgraded Transponder (CXP), and Tactical Video Data Link (TVDL) will also be implemented via this OSIP. Ground and air collision and avoidance systems are mandates that will be integrated. These systems include, but are not limited to, Ground Proximity Warning System (GPWS), Terrain Awareness Warning System (TAWS), Mid-Air Conflict Avoidance System (MACAS), Degraded Visual Environment (DVE) systems, Obstacles Avoidance System (OAS), and Military Flight Operations Quality Assurance (MFOQA). Additional reliability and maintenance upgrades, including replacement of existing Thermal Imaging Recorder (TIR) with a Digital Video Recorder, and Improved Multi-Function Display Unit (MFDU) will also be incorporated. Additional safety improvements to increase aircrew safety and cockpit organization, such as storage for personal weapons, will be implemented as well as providing enhanced situational awareness and reduced workload through digital updates to existing cockpit capabilities.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: TVDL DT commenced 4QFY08 and completed in 1QFY09. Production systems TVDL and HDTS contracts awarded 4QFY09 and 4QFY10. HDTS CDR completed 3QFY10, TRR completed 1QFY11, and DT completed 1QFY11. APX-118 installation occurred on test aircraft in 3QFY10 and 2QFY11. All production TVDL system installations completed 3QFY11.

Notes:

1. Remaining FY11 ANVIS HUD Installations are accounted for in OSIP 13-12.
2. Install schedule: *138 CCU kits purchased in FY08 are being installed in FY11.

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Exhibit P-3A, Individual Modification: PB 2013 Navy										Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0527 - AH-1W Series						Modification Nomenclature (Modification Title, Modification Number): AH-1 A/C & T700 ENG (OSIP 013-00) - 2			
Models of Systems Affected: AH-1W				Type Modification: SAFETY						Related RDT&E PEs:			
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
AH-1 A/C & T700 ENG (OSIP 013-00)													
A Kits													
Recurring													
1.1.1) AFC XXX DECU Install Kits - NonOrganic	175	0.190	-	-	-	-	-	-	-	-	-	-	
1.1.2) ANVIS HUD - NonOrganic	6	1.248	4	0.470	-	-	-	-	-	-	-	-	
1.1.3) ANVIS HUD (A-FY12 install) - Organic	-	-	8	0.940	-	-	-	-	-	-	-	-	
1.1.4) CCU - NonOrganic	150	5.000	-	-	-	-	-	-	-	-	-	-	
1.1.5) DCC XXX 42 & 90 Degree Gearbox - Organic	50	0.931	-	-	-	-	-	-	-	-	-	-	
1.1.6) Tactical Video Data Link - Organic	100	2.439	-	-	-	-	-	-	-	-	-	-	
1.1.7) Tearaway Windscreen Covers - NonOrganic	1	0.662	-	-	-	-	-	-	-	-	-	-	
<i>Subtotal Recurring</i>		10.470		1.410		0.000		0.000		0.000		0.000	
NonRecurring													
1.2.1) Installation Kits N/R - Organic	-	0.480	-	-	-	-	-	-	-	-	-	-	
1.2.2) ANVIS HUD - Organic	-	9.451	-	-	-	-	-	-	-	-	-	-	
1.2.4) Tactical Video Data Link - Organic	-	14.860	-	-	-	-	-	-	-	-	-	-	
<i>Subtotal NonRecurring</i>		24.791		0.000		0.000		0.000		0.000		0.000	
B Kits													
Recurring													
2.1.1) ANVIS HUD - Organic	6	3.192	4	1.007	-	-	-	-	-	-	-	-	
2.1.2) ANVIS HUD (B-FY12 procurement) - Organic	-	-	8	2.013	-	-	-	-	-	-	-	-	
2.1.4) Flat Panel Display - NonOrganic	1	0.061	-	-	-	-	-	-	-	-	-	-	
2.1.5) PPC XXX Kits - Organic	392	5.750	-	-	-	-	-	-	-	-	-	-	
2.1.6) Tactical Video Data Link - Organic	100	5.225	-	-	-	-	-	-	-	-	-	-	
<i>Subtotal Recurring</i>		14.228		3.020		0.000		0.000		0.000		0.000	
NonRecurring													
2.2.1) Installation Equipment N/R - Organic	-	10.338	-	6.631	-	-	-	-	-	-	-	-	
<i>Subtotal NonRecurring</i>		10.338		6.631		0.000		0.000		0.000		0.000	
<i>Total, AH-1 A/C & T700 ENG (OSIP 013-00)</i>	981	59.827	24	11.061									

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0527 - AH-1W Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): AH-1 A/C & T700 ENG (OSIP 013-00) - 2

Models of Systems Affected: AH-1W		Type Modification: SAFETY				Related RDT&E PEs:						
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
<i>Total, All Modifications</i>												
Support												
3.1) Engineering Change Orders	-	0.242	-	-	-	-	-	-	-	-	-	-
3.2) Data	-	1.334	-	-	-	-	-	-	-	-	-	-
3.3) Training Equipment	-	1.546	-	-	-	-	-	-	-	-	-	-
3.4) Support Equipment	40	0.856	-	-	-	-	-	-	-	-	-	-
3.5) ILS	-	3.553	-	-	-	-	-	-	-	-	-	-
3.6) Other Support	-	20.552	-	2.525	-	-	-	-	-	-	-	-
3.7) Interim Contractor Support	-	0.108	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		28.191		2.525		0.000		0.000		0.000		0.000
<i>Procurement Cost (Procurement + Support)</i>		88.018		13.586		0.000		0.000		0.000		0.000
<i>Total Installation Cost</i>		3.180		3.555		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		91.198		17.141		0.000		0.000		0.000		0.000

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
AH-1 A/C & T700 ENG (OSIP 013-00)												
A Kits												
Recurring												
1.1.1) AFC XXX DECU Install Kits - NonOrganic	-	-	-	-	-	-	-	-	-	-	175	0.190
1.1.2) ANVIS HUD - NonOrganic	-	-	-	-	-	-	-	-	-	-	10	1.718
1.1.3) ANVIS HUD (A-FY12 install) - Organic	-	-	-	-	-	-	-	-	-	-	8	0.940
1.1.4) CCU - NonOrganic	-	-	-	-	-	-	-	-	-	-	150	5.000
1.1.5) DCC XXX 42 & 90 Degree Gearbox - Organic	-	-	-	-	-	-	-	-	-	-	50	0.931
1.1.6) Tactical Video Data Link - Organic	-	-	-	-	-	-	-	-	-	-	100	2.439
1.1.7) Tearaway Windscreen Covers - NonOrganic	-	-	-	-	-	-	-	-	-	-	1	0.662
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		11.880
NonRecurring												

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Exhibit P-3A, Individual Modification: PB 2013 Navy								Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0527 - AH-1W Series				Modification Nomenclature (<i>Modification Title, Modification Number</i>): AH-1 A/C & T700 ENG (OSIP 013-00) - 2					
Models of Systems Affected: AH-1W				Type Modification: SAFETY				Related RDT&E PEs:					
Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total		
	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	
1.2.1) Installation Kits N/R - Organic	-	-	-	-	-	-	-	-	-	-	-	0.480	
1.2.2) ANVIS HUD - Organic	-	-	-	-	-	-	-	-	-	-	-	9.451	
1.2.4) Tactical Video Data Link - Organic	-	-	-	-	-	-	-	-	-	-	-	14.860	
<i>Subtotal NonRecurring</i>		<i>0.000</i>		<i>0.000</i>		<i>0.000</i>		<i>0.000</i>		<i>0.000</i>		<i>24.791</i>	
B Kits													
Recurring													
2.1.1) ANVIS HUD - Organic	-	-	-	-	-	-	-	-	-	-	-	10	4.199
2.1.2) ANVIS HUD (B-FY12 procurement) - Organic	-	-	-	-	-	-	-	-	-	-	-	8	2.013
2.1.4) Flat Panel Display - NonOrganic	-	-	-	-	-	-	-	-	-	-	-	1	0.061
2.1.5) PPC XXX Kits - Organic	-	-	-	-	-	-	-	-	-	-	-	392	5.750
2.1.6) Tactical Video Data Link - Organic	-	-	-	-	-	-	-	-	-	-	-	100	5.225
<i>Subtotal Recurring</i>		<i>0.000</i>		<i>0.000</i>		<i>0.000</i>		<i>0.000</i>		<i>0.000</i>			<i>17.248</i>
NonRecurring													
2.2.1) Installation Equipment N/R - Organic	-	-	-	-	-	-	-	-	-	-	-	-	16.969
<i>Subtotal NonRecurring</i>		<i>0.000</i>		<i>0.000</i>		<i>0.000</i>		<i>0.000</i>		<i>0.000</i>			<i>16.969</i>
<i>Total, AH-1 A/C & T700 ENG (OSIP 013-00)</i>	-	-	-	-	-	-	-	-	-	-	-	<i>1,005</i>	<i>70.888</i>
<i>Total, All Modifications</i>		<i>0.000</i>		<i>0.000</i>		<i>0.000</i>		<i>0.000</i>		<i>0.000</i>			<i>70.888</i>
Support													
3.1) Engineering Change Orders	-	-	-	-	-	-	-	-	-	-	-	-	0.242
3.2) Data	-	-	-	-	-	-	-	-	-	-	-	-	1.334
3.3) Training Equipment	-	-	-	-	-	-	-	-	-	-	-	-	1.546
3.4) Support Equipment	-	-	-	-	-	-	-	-	-	-	-	40	0.856
3.5) ILS	-	-	-	-	-	-	-	-	-	-	-	-	3.553
3.6) Other Support	-	-	-	-	-	-	-	-	-	-	-	-	23.077
3.7) Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	-	0.108
<i>Total Support Cost</i>		<i>0.000</i>		<i>0.000</i>		<i>0.000</i>		<i>0.000</i>		<i>0.000</i>			<i>30.716</i>
<i>Procurement Cost (Procurement + Support)</i>		<i>0.000</i>		<i>0.000</i>		<i>0.000</i>		<i>0.000</i>		<i>0.000</i>			<i>101.604</i>
<i>Total Installation Cost</i>		<i>0.000</i>		<i>0.000</i>		<i>0.000</i>		<i>0.000</i>		<i>0.000</i>			<i>6.735</i>
Total Cost (Procurement + Support + Installation)		0.000		0.000		0.000		0.000		0.000			108.339

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0527 - AH-1W Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): AH-1 A/C & T700 ENG (OSIP 013-00) - 2

Models of Systems Affected: AH-1W	Type Modification: SAFETY	Related RDT&E PEs:
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Remarks:

Manufacturer Information: AH-1 A/C & T700 ENG (OSIP 013-00)

Manufacturer Name: Various	Manufacturer Location: Various
Administrative Leadtime (<i>in Months</i>): 1	Production Leadtime (<i>in Months</i>): 3

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates	Oct 2010						
Delivery Dates	Dec 2010						

Installation: AH-1 A/C & T700 ENG (OSIP 013-00) **Method of Implementation:** Contactor Field Mod Team **Installation Name:** OSIP 13-00 Various

Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	195	3.180	138	2.755	-	-	-	-	-	-	-	-
FY 2011	-	-	4	0.800	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	195	3.180	142	3.555	-	-	-	-	-	-	-	-

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	333	5.935
FY 2011	-	-	-	-	-	-	-	-	-	-	4	0.800
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0527 - AH-1W Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): AH-1 A/C & T700 ENG (OSIP 013-00) - 2

Models of Systems Affected: AH-1W	Type Modification: SAFETY	Related RDT&E PEs:
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Installation: AH-1 A/C & T700 ENG (OSIP 013-00)	Method of Implementation: Contactor Field Mod Team	Installation Name: OSIP 13-00 Various
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Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	337	6.735

Installation Schedule																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	195	1	1	70	70	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	337
Out	195	1	1	1	70	69	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	337

Installation: AH-1 A/C & T700 ENG (OSIP 013-00)	Method of Implementation: Not Installed - ANVIS HUD (A-FY12 install)	Installation Quantity: 8
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Installation: AH-1 A/C & T700 ENG (OSIP 013-00)	Method of Implementation: Not Installed - DCC XXX 42 & 90 Degree Gearbox	Installation Quantity: 50
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Installation: AH-1 A/C & T700 ENG (OSIP 013-00)	Method of Implementation: Not Installed - Tactical Video Data Link	Installation Quantity: 100
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Installation: AH-1 A/C & T700 ENG (OSIP 013-00)	Method of Implementation: Not Installed - ANVIS HUD	Installation Quantity: 10
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Installation: AH-1 A/C & T700 ENG (OSIP 013-00)	Method of Implementation: Not Installed - ANVIS HUD (B-FY12 procurement)	Installation Quantity: 8
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Installation: AH-1 A/C & T700 ENG (OSIP 013-00)	Method of Implementation: Not Installed - PPC XXX Kits	Installation Quantity: 392
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Installation: AH-1 A/C & T700 ENG (OSIP 013-00)	Method of Implementation: Not Installed - Tactical Video Data Link	Installation Quantity: 100
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Installation: AH-1 A/C & T700 ENG (OSIP 013-00)	Method of Implementation: Not Installed - Support Equipment	Installation Quantity: 40
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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0527 - AH-1W Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): H-1 AIR VEHICLE IMPROVEMENTS (OSIP 012-12) - 3

Models of Systems Affected: AH-1W	Type Modification: CRITICAL RELIABILITY ENHANCEMENTS	Related RDT&E PEs:
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	0.000	0.000	1.559	3.094	0.000	3.094	0.000	3.697	4.297	2.451	1.494	16.592
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	0.000	0.000	1.559	3.094	0.000	3.094	0.000	3.697	4.297	2.451	1.494	16.592
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	0.000	0.000	1.559	3.094	0.000	3.094	0.000	3.697	4.297	2.451	1.494	16.592

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

This OSIP incorporates a number of cost effective changes to the AH-1W, specifically attacking the highest degraders in the H-1 Cost Wise Readiness Integrated Improvement Process (CWRIIP) and on the Critical Logistics Review (CILR) lists in order to improve Ready Based Aircraft and Ready For Tasking rates and reduce the total cost ownership. These improvements are a vital element of the H-1 Upgrades program to significantly enhance the strategy of a more ready, more capable and more survivable H-1 force to accomplish the successful fielding of this new capability to the warfighter in support of the Overseas Contingency Operations (OCO). The increased readiness and capabilities that will be realized support the tenets of Sea Power 21, specifically operational availability, enhanced capabilities, and interoperability. Systems improved on the AH-1W will forward fit to the AH-1Z through the H-1 Upgrades Remanufacture program and utilize existing technology to the maximum extent practicable to minimize development and procurement costs and to reduce the time to field the improved systems.

Planned improvements under this OSIP cover airframes, propulsion, survivability, reliability and maintainability, and weight and balance. This OSIP intends to utilize upgrades to existing technology to the maximum extent practicable to minimize development and procurement costs, and to reduce the time to field the improved systems. Safety programs that will be implemented by this OSIP include, but are not limited to, reliability improvements covering non-recurring engineering and eventual replacement of the DC generator, canopy door frame, main rotor gearbox, anti-collision lights, engine mount bearings, main driveshaft, aircraft NiCad battery, weight reduction/gross weight increase initiatives, cold spray magnesium/aluminum improvements, and armor flooring survivability enhancements.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: Cold Spray NRE will complete 2Q12. Procurement begins 3Q12. Canopy door frame modification to AH-1W aircraft to begin FY13. Main Rotor Gearbox (MRGB) fields retrofit kits in FY15.

Notes:

1. Installs for Canopy Door Frames and Main Rotor Gearbox are O-Level installs.

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Exhibit P-3A, Individual Modification: PB 2013 Navy								Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0527 - AH-1W Series				Modification Nomenclature (<i>Modification Title, Modification Number</i>): H-1 AIR VEHICLE IMPROVEMENTS (OSIP 012-12) - 3					
Models of Systems Affected: AH-1W				Type Modification: CRITICAL RELIABILITY ENHANCEMENTS				Related RDT&E PEs:					
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
H-1 AIR VEHICLE IMPROVEMENTS (OSIP 012-12)													
A Kits													
Recurring													
1.1.1) Canopy Door Frame - Organic													
	-	-	-	-	-	-	50	2.000	-	-	50	2.000	
1.1.2) Main Rotor Gearbox - Organic													
	-	-	-	-	-	-	-	-	-	-	-	-	
<i>Subtotal Recurring</i>													
		0.000		0.000		0.000		2.000		0.000		2.000	
NonRecurring													
1.2.1) Installation Kits N/R - Organic													
	-	-	-	-	-	-	-	0.200	-	-	-	0.200	
<i>Subtotal NonRecurring</i>													
		0.000		0.000		0.000		0.200		0.000		0.200	
B Kits													
Recurring													
2.1.1) Cold Spray - Organic													
	-	-	-	-	4	0.500	-	-	-	-	-	-	
<i>Subtotal Recurring</i>													
		0.000		0.000		0.500		0.000		0.000		0.000	
NonRecurring													
2.2.1) Installation Equipment N/R - Organic													
	-	-	-	-	-	0.590	-	-	-	-	-	-	
<i>Subtotal NonRecurring</i>													
		0.000		0.000		0.590		0.000		0.000		0.000	
<i>Total, H-1 AIR VEHICLE IMPROVEMENTS (OSIP 012-12)</i>													
	-	-	-	-	4	1.090	50	2.200	-	-	50	2.200	
<i>Total, All Modifications</i>													
		0.000		0.000		1.090		2.200		0.000		2.200	
Support													
3.1) Engineering Change Orders													
	-	0.000	-	-	-	-	-	-	-	-	-	-	
3.2) Data													
	-	-	-	-	-	-	-	0.100	-	-	-	0.100	
3.3) Training Equipment													
	-	0.000	-	-	-	-	-	-	-	-	-	-	
3.4) Support Equipment													
	-	0.000	-	-	-	-	-	-	-	-	-	-	
3.5) ILS													
	-	-	-	-	-	-	-	0.200	-	-	-	0.200	
3.6) Other Support													
	-	-	-	-	-	0.469	-	0.594	-	-	-	0.594	
3.7) Interim Contractor Support													
	-	0.000	-	-	-	-	-	-	-	-	-	-	

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0527 - AH-1W Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): H-1 AIR VEHICLE IMPROVEMENTS (OSIP 012-12) - 3

Models of Systems Affected: AH-1W	Type Modification: CRITICAL RELIABILITY ENHANCEMENTS	Related RDT&E PEs:
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
<i>Total Support Cost</i>		0.000		0.000		0.469		0.894		0.000		0.894
<i>Procurement Cost (Procurement + Support)</i>		0.000		0.000		1.559		3.094		0.000		3.094
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		0.000		0.000		1.559		3.094		0.000		3.094

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
H-1 AIR VEHICLE IMPROVEMENTS (OSIP 012-12)												
A Kits												
Recurring												
1.1.1) Canopy Door Frame - Organic	-	-	50	2.000	65	2.600	16	0.640	33	1.320	214	8.560
1.1.2) Main Rotor Gearbox - Organic	-	-	50	1.250	50	1.250	60	1.500	-	-	160	4.000
<i>Subtotal Recurring</i>		0.000		3.250		3.850		2.140		1.320		12.560
NonRecurring												
1.2.1) Installation Kits N/R - Organic	-	-	-	0.050	-	-	-	-	-	-	-	0.250
<i>Subtotal NonRecurring</i>		0.000		0.050		0.000		0.000		0.000		0.250
B Kits												
Recurring												
2.1.1) Cold Spray - Organic	-	-	-	-	-	-	-	-	-	-	4	0.500
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		0.500
NonRecurring												
2.2.1) Installation Equipment N/R - Organic	-	-	-	-	-	-	-	-	-	-	-	0.590
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		0.590
<i>Total, H-1 AIR VEHICLE IMPROVEMENTS (OSIP 012-12)</i>	-	-	100	3.300	115	3.850	76	2.140	33	1.320	378	13.900
<i>Total, All Modifications</i>		0.000		3.300		3.850		2.140		1.320		13.900
Support												

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0527 - AH-1W Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): H-1 AIR VEHICLE IMPROVEMENTS (OSIP 012-12) - 3

Models of Systems Affected: AH-1W	Type Modification: CRITICAL RELIABILITY ENHANCEMENTS	Related RDT&E PEs:
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
3.1) Engineering Change Orders	-	-	-	-	-	-	-	-	-	-	-	-
3.2) Data	-	-	-	0.075	-	-	-	-	-	-	-	0.175
3.3) Training Equipment	-	-	-	-	-	-	-	-	-	-	-	-
3.4) Support Equipment	-	-	-	-	-	-	-	-	-	-	-	-
3.5) ILS	-	-	-	0.100	-	0.200	-	0.140	-	-	-	0.640
3.6) Other Support	-	-	-	0.222	-	0.247	-	0.171	-	0.174	-	1.877
3.7) Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	-
Total Support Cost		0.000		0.397		0.447		0.311		0.174		2.692
Procurement Cost (Procurement + Support)		0.000		3.697		4.297		2.451		1.494		16.592
Total Installation Cost		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		0.000		3.697		4.297		2.451		1.494		16.592

Remarks:

Manufacturer Information: H-1 AIR VEHICLE IMPROVEMENTS (OSIP 012-12)

Manufacturer Name: Manufacturer Name Not Provided. Manufacturer Location: Manufacturer Location Not Provided.

Administrative Leadtime (in Months): Production Leadtime (in Months):

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates							
Delivery Dates							

Installation: H-1 AIR VEHICLE IMPROVEMENTS (OSIP 012-12) **Method of Implementation:** Not Installed - Canopy Door Frame **Installation Quantity:** 214

Installation: H-1 AIR VEHICLE IMPROVEMENTS (OSIP 012-12) **Method of Implementation:** Not Installed - Main Rotor Gearbox **Installation Quantity:** 160

Installation: H-1 AIR VEHICLE IMPROVEMENTS (OSIP 012-12) **Method of Implementation:** Not Installed - Cold Spray **Installation Quantity:** 4

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0527 - AH-1W Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): H-1 SENSORS AND WEAPONS IMPROVEMENTS (OSIP 013-12) - 4

Models of Systems Affected: AH-1W	Type Modification: SAFETY/SURVIVABILITY/ READINESS/COMBAT EFFECTIVENESS	Related RDT&E PEs:
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	0.000	0.000	52.187	2.956	0.000	2.956	10.419	8.291	9.979	10.020	50.207	144.059
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	0.000	0.000	52.187	2.956	0.000	2.956	10.419	8.291	9.979	10.020	50.207	144.059
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	0.000	0.000	52.187	2.956	0.000	2.956	10.419	8.291	9.979	10.020	50.207	144.059

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

This OSIP incorporates a number of cost effective changes to the AH-1W, specifically attacking the highest degraders in the H-1 Cost Wise Readiness Integrated Improvement Process (CWRIIP) and on the Critical Logistics Review (CILR) lists in order to improve Ready Based Aircraft and Ready For Tasking rates and reduce the total cost ownership. These improvements are a vital element of the H-1 Upgrades program to significantly enhance the strategy of a more ready, more capable and more survivable H-1 force to accomplish the successful fielding of this new capability to the warfighter in support of the Overseas Contingency Operations (OCO). The increased readiness and capabilities that will be realized support the tenets of Sea Power 21, specifically operational availability, enhanced capabilities, and interoperability. Systems improved on the AH-1W will forward fit to the AH-1Z through the H-1 Upgrades Remanufacture program and utilize existing technology to the maximum extent practicable to minimize development and procurement costs and to reduce the time to field the improved systems.

Safety programs that will be implemented by this OSIP include, but are not limited to, spatial disorientation issues that will be addressed through aircraft upgrades such as integration of an upgrade to the Cockpit Control System, Heads-Up-Display (HUD) improvements, Helmet Display and Tracker System (HDTS), Transponder (CXP) upgrade, and Tactical Video Data Link (TVDL) system integration, and ground and air collision. Avoidance issues will be addressed through integration of systems such as Ground Proximity Warning System (GPWS), Terrain Awareness Warning System (TAWS), Mid-Air Conflict Avoidance System (MACAS), Degraded Visual Environment (DVE) systems, Obstacles Avoidance System (OAS), and Military Flight Operations Quality Assurance (MFOQA). Aircrew safety system upgrades include incorporation of the AN/ALE-47 Countermeasures Chaff Containers. This OSIP also addresses improvements to H-1 series helicopters' weapons systems to support and improve mission success, to include missile, rocket, and gun reliability and accuracy. These weapon systems include, Joint Air-to-Ground Missile (JAGM), Advanced Precision Kill Weapon System (APKWS), Hellfire, 20MM Gun, launchers, turrets, and 20MM Linkless Feed System (LFS). The LFS ammo can/feeder assembly addresses the highest reliability degrader in the gun system. Additional weapons modifications that will significantly increase the accuracy and reliability of this critical weapons system and enhance the survivability of the flight crew include improved laser pointers (including mounting), an improved turret test console, and improved barrels. This OSIP addresses the U.S. Marine Corps' (USMC) operational requirement to detect, identify, and destroy tactical-sized armored targets with precision guided munitions during day, night, and adverse weather conditions. The Night Targeting System (NTS) and Night Targeting System Upgrade (NTSU) provide a night/adverse weather Forward-Looking InfraRed (FLIR) and laser designator for TOW and Hellfire capability. In addition, NTS/NTSU provides enhanced conventional weapons delivery by utilizing the systems laser ranging system. Additional NTS/NTSU improvements will include WRA modifications to improve reliability, maintainability, and systems stabilization. NTS/NTSU obsolescence improvements will include, but are not limited to, integration of a Digital Video Recorder (DVR), incorporation of the Mission Data Loader (MDL) functionality within the DVR, and integration of a Color Multi-Functional Display (CMFD). Additionally, this OSIP will provide enhanced situational awareness and reduced workload through digital updates to existing cockpit capabilities.

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Exhibit P-3A, Individual Modification: PB 2013 Navy								Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0527 - AH-1W Series				Modification Nomenclature (<i>Modification Title, Modification Number</i>): H-1 SENSORS AND WEAPONS IMPROVEMENTS (OSIP 013-12) - 4					
Models of Systems Affected: AH-1W				Type Modification: SAFETY/SURVIVABILITY/ READINESS/COMBAT EFFECTIVENESS				Related RDT&E PEs:					
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
H-1 SENSORS AND WEAPONS IMPROVEMENTS (OSIP 013-12)													
A Kits													
Recurring													
1.1.1) ANVIS HUD - NonOrganic	-	-	-	-	24	2.820	3	0.353	-	-	3	0.353	
1.1.2) NTSU Kits - Organic	-	-	-	-	2	2.080	-	-	-	-	-	-	
1.1.3) Tactical Video Data Link - NonOrganic	-	-	-	-	18	0.207	-	-	-	-	-	-	
<i>Subtotal Recurring</i>		0.000		0.000		5.107		0.353		0.000		0.353	
NonRecurring													
1.2.1) Installation Kits N/R - Organic	-	-	-	-	-	1.855	-	-	-	-	-	-	
<i>Subtotal NonRecurring</i>		0.000		0.000		1.855		0.000		0.000		0.000	
B Kits													
Recurring													
2.1.1) ANVIS HUD. - Organic	-	-	-	-	24	6.037	3	0.755	-	-	3	0.755	
2.1.2) Linkless Feed System - Organic	-	-	-	-	62	14.168	-	-	-	-	-	-	
2.1.3) Linkless Feed Loader - Organic	-	-	-	-	48	1.072	-	-	-	-	-	-	
2.1.4) Tactical Video Data Link - Organic	-	-	-	-	18	0.619	-	-	-	-	-	-	
<i>Subtotal Recurring</i>		0.000		0.000		21.896		0.755		0.000		0.755	
NonRecurring													
2.2.1) Installation Equipment N/R - Organic	-	-	-	-	-	4.666	-	-	-	-	-	-	
<i>Subtotal NonRecurring</i>		0.000		0.000		4.666		0.000		0.000		0.000	
<i>Total, H-1 SENSORS AND WEAPONS IMPROVEMENTS (OSIP 013-12)</i>	-	-	-	-	196	33.524	6	1.108	-	-	6	1.108	
<i>Total, All Modifications</i>		0.000		0.000		33.524		1.108		0.000		1.108	
Support													
3.1) Engineering Change Orders	-	-	-	-	-	0.473	-	0.210	-	-	-	0.210	
3.2) Data	-	-	-	-	-	0.450	-	-	-	-	-	-	
3.3) Training Equipment	-	-	-	-	2	1.706	-	-	-	-	-	-	

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0527 - AH-1W Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): H-1 SENSORS AND WEAPONS IMPROVEMENTS (OSIP 013-12) - 4

Models of Systems Affected: AH-1W	Type Modification: SAFETY/SURVIVABILITY/ READINESS/COMBAT EFFECTIVENESS	Related RDT&E PEs:
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
3.4) Support Equipment	-	-	-	-	-	1.618	-	-	-	-	-	-
3.5) ILS	-	-	-	-	-	3.263	-	0.280	-	-	-	0.280
3.6) Interim Contractor Support	-	-	-	-	-	0.250	-	-	-	-	-	-
3.7) Other Support	-	-	-	-	-	5.944	-	0.806	-	-	-	0.806
Total Support Cost		0.000		0.000		13.704		1.296		0.000		1.296
Procurement Cost (Procurement + Support)		0.000		0.000		47.228		2.404		0.000		2.404
Total Installation Cost		0.000		0.000		4.959		0.552		0.000		0.552
Total Cost (Procurement + Support + Installation)		0.000		0.000		52.187		2.956		0.000		2.956

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
H-1 SENSORS AND WEAPONS IMPROVEMENTS (OSIP 013-12)												
A Kits												
Recurring												
1.1.1) ANVIS HUD - NonOrganic	16	1.880	13	1.528	4	0.470	2	0.235	20	2.350	82	9.636
1.1.2) NTSU Kits - Organic	-	-	-	-	-	-	-	-	-	-	2	2.080
1.1.3) Tactical Video Data Link - NonOrganic	-	-	-	-	-	-	-	-	82	0.984	100	1.191
Subtotal Recurring		1.880		1.528		0.470		0.235		3.334		12.907
NonRecurring												
1.2.1) Installation Kits N/R - Organic	-	0.552	-	0.353	-	0.554	-	0.400	-	1.850	-	5.564
Subtotal NonRecurring		0.552		0.353		0.554		0.400		1.850		5.564
B Kits												
Recurring												
2.1.1) ANVIS HUD. - Organic	16	4.026	13	3.271	4	1.006	2	0.503	20	5.031	82	20.629
2.1.2) Linkless Feed System - Organic	-	-	-	-	3	2.970	3	2.970	4	3.960	72	24.068
2.1.3) Linkless Feed Loader - Organic	-	-	-	-	12	0.840	12	0.840	13	0.905	85	3.657

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0527 - AH-1W Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): H-1 SENSORS AND WEAPONS IMPROVEMENTS (OSIP 013-12) - 4

Models of Systems Affected: AH-1W	Type Modification: SAFETY/SURVIVABILITY/ READINESS/COMBAT EFFECTIVENESS	Related RDT&E PEs:
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
2.1.4) Tactical Video Data Link - Organic	-	-	-	-	-	-	-	-	82	2.952	100	3.571
<i>Subtotal Recurring</i>		4.026		3.271		4.816		4.313		12.848		51.925
NonRecurring												
2.2.1) Installation Equipment N/R - Organic	-	0.200	-	0.150	-	1.000	-	1.000	-	1.049	-	8.065
<i>Subtotal NonRecurring</i>		0.200		0.150		1.000		1.000		1.049		8.065
Total, H-1 SENSORS AND WEAPONS IMPROVEMENTS (OSIP 013-12)	32	6.658	26	5.302	23	6.840	19	5.948	221	19.081	523	78.461
Total, All Modifications		6.658		5.302		6.840		5.948		19.081		78.461
Support												
3.1) Engineering Change Orders	-	0.264	-	0.050	-	0.321	-	1.322	-	5.024	-	7.664
3.2) Data	-	-	-	-	-	0.100	-	0.190	-	1.480	-	2.220
3.3) Training Equipment	-	-	-	-	-	-	-	-	-	-	2	1.706
3.4) Support Equipment	-	-	-	-	-	0.870	-	0.870	-	0.960	-	4.318
3.5) ILS	-	-	-	-	-	0.565	-	0.700	-	4.077	-	8.885
3.6) Interim Contractor Support	-	-	-	-	-	-	-	-	-	0.250	-	0.500
3.7) Other Support	-	0.557	-	0.551	-	0.549	-	0.623	-	12.878	-	21.908
Total Support Cost		0.821		0.601		2.405		3.705		24.669		47.201
Procurement Cost (Procurement + Support)		7.479		5.903		9.245		9.653		43.750		125.662
Total Installation Cost		2.940		2.388		0.734		0.367		6.457		18.397
Total Cost (Procurement + Support + Installation)		10.419		8.291		9.979		10.020		50.207		144.059

Remarks:

Manufacturer Information: H-1 SENSORS AND WEAPONS IMPROVEMENTS (OSIP 013-12)							
Manufacturer Name: Elbit Systems Limited - ANVIS HUD				Manufacturer Location: Isreal			
Administrative Leadtime (in Months): 1				Production Leadtime (in Months): 3			
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates		Oct 2011	Oct 2012	Oct 2013			
Delivery Dates		Dec 2011	Dec 2012	Dec 2013			

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0527 - AH-1W Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): H-1 SENSORS AND WEAPONS IMPROVEMENTS (OSIP 013-12) - 4

Models of Systems Affected: AH-1W	Type Modification: SAFETY/SURVIVABILITY/ READINESS/COMBAT EFFECTIVENESS	Related RDT&E PEs:
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Manufacturer Information: H-1 SENSORS AND WEAPONS IMPROVEMENTS (OSIP 013-12)

Manufacturer Name: Elbit Systems Limited - Tactical Video Data Link	Manufacturer Location: Isreal
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Administrative Leadtime (<i>in Months</i>): 1	Production Leadtime (<i>in Months</i>): 2
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Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates		Oct 2011					
Delivery Dates		Nov 2011					

Installation: H-1 SENSORS AND WEAPONS IMPROVEMENTS (OSIP 013-12)	Method of Implementation: Contractor Field Mod Team	Installation Name: ANVIS HUD
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	24	4.419	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	3	0.552	0	0.000	3	0.552
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	24	4.419	3	0.552	0	0.000	3	0.552

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	24	4.419
FY 2013	-	-	-	-	-	-	-	-	-	-	3	0.552

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0527 - AH-1W Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): H-1 SENSORS AND WEAPONS IMPROVEMENTS (OSIP 013-12) - 4
Models of Systems Affected: AH-1W	Type Modification: SAFETY/SURVIVABILITY/ READINESS/COMBAT EFFECTIVENESS	Related RDT&E PEs:

Installation: H-1 SENSORS AND WEAPONS IMPROVEMENTS (OSIP 013-12)	Method of Implementation: Contractor Field Mod Team	Installation Name: ANVIS HUD
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Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
FY 2014	16	2.940	-	-	-	-	-	-	-	-	16	2.940
FY 2015	-	-	13	2.388	-	-	-	-	-	-	13	2.388
FY 2016	-	-	-	-	4	0.734	-	-	-	-	4	0.734
FY 2017	-	-	-	-	-	-	2	0.367	-	-	2	0.367
To Complete	-	-	-	-	-	-	-	-	20	3.677	20	3.677
Total	16	2.940	13	2.388	4	0.734	2	0.367	20	3.677	82	15.077

Installation Schedule																																
APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot		
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4				
In	-	-	-	-	-	8	8	8	1	1	1	-	4	4	4	4	3	3	3	4	1	1	1	1	1	1	1	-	-	-	20	82
Out	-	-	-	-	-	8	8	8	1	1	1	-	4	4	4	4	3	3	3	4	1	1	1	1	1	1	1	-	-	-	20	82

Installation: H-1 SENSORS AND WEAPONS IMPROVEMENTS (OSIP 013-12)	Method of Implementation: Contractor Field Mod Team	Installation Name: Tactical Video Data Link
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	18	0.540	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0527 - AH-1W Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): H-1 SENSORS AND WEAPONS IMPROVEMENTS (OSIP 013-12) - 4

Models of Systems Affected: AH-1W	Type Modification: SAFETY/SURVIVABILITY/READINESS/COMBAT EFFECTIVENESS	Related RDT&E PEs:
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Installation: H-1 SENSORS AND WEAPONS IMPROVEMENTS (OSIP 013-12)	Method of Implementation: Contractor Field Mod Team	Installation Name: Tactical Video Data Link
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	18	0.540	-	-	-	-	-	-

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	18	0.540
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	82	2.780	82	2.780
Total	-	-	-	-	-	-	-	-	82	2.780	100	3.320

Installation Schedule																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4						
In	-	-	-	-	-	4	4	5	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	82	100			
Out	-	-	-	-	-	4	4	5	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	82	100			

Installation: H-1 SENSORS AND WEAPONS IMPROVEMENTS (OSIP 013-12)	Method of Implementation: Not Installed - NTSU Kits	Installation Quantity: 2
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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0527 - AH-1W Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): H-1 SENSORS AND WEAPONS IMPROVEMENTS (OSIP 013-12) - 4
Models of Systems Affected: AH-1W	Type Modification: SAFETY/SURVIVABILITY/ READINESS/COMBAT EFFECTIVENESS	Related RDT&E PEs:
Installation: H-1 SENSORS AND WEAPONS IMPROVEMENTS (OSIP 013-12)	Method of Implementation: Not Installed - ANVIS HUD.	Installation Quantity: 82
Installation: H-1 SENSORS AND WEAPONS IMPROVEMENTS (OSIP 013-12)	Method of Implementation: Not Installed - Linkless Feed System	Installation Quantity: 72
Installation: H-1 SENSORS AND WEAPONS IMPROVEMENTS (OSIP 013-12)	Method of Implementation: Not Installed - Linkless Feed Loader	Installation Quantity: 85
Installation: H-1 SENSORS AND WEAPONS IMPROVEMENTS (OSIP 013-12)	Method of Implementation: Not Installed - Tactical Video Data Link	Installation Quantity: 100
Installation: H-1 SENSORS AND WEAPONS IMPROVEMENTS (OSIP 013-12)	Method of Implementation: Not Installed - Training Equipment	Installation Quantity: 2

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0527 - AH-1W Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): H-1 AVIONICS IMPROVEMENTS (OSIP 006-13) - 5

Models of Systems Affected: AH-1W	Type Modification: SAFETY/SURVIVABILITY/ READINESS/COMBAT EFFECTIVENESS	Related RDT&E PEs:
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	0.000	0.000	0.000	2.671	0.000	2.671	1.960	2.452	2.946	1.996	0.317	12.342
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	0.000	0.000	0.000	2.671	0.000	2.671	1.960	2.452	2.946	1.996	0.317	12.342
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	0.000	0.000	0.000	2.671	0.000	2.671	1.960	2.452	2.946	1.996	0.317	12.342

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

This OSIP incorporates a number of cost effective changes to the AH-1W, specifically attacking the highest degraders in the H-1 Cost Wise Readiness Integrated Improvement Process (CWRIIP) and on the Critical Logistics Review (CLR) lists in order to improve RBA and RFT rates and reduce the total cost of ownership. These improvements are a vital element of the H-1 program to significantly enhance the strategy of a more ready, more capable and more survivable H-1 force to accomplish the successful fielding of capability to the warfighter in support of the Overseas Contingency Operations (OCO). The increased readiness and capabilities that will be realized support the tenets of Sea Power 21, specifically operational availability, enhanced capabilities, and interoperability. Systems improved on the H-1 Warfighter aircraft will forward fit to the H-1 Upgrades aircraft through the H-1 Upgrades production program. Systems and changes identified for improvement in the OSIP are the Cockpit Control System (CCS), UHF/VHF radio system, IFF Transponder, Inertial Navigation System (INS), GPS, Radar Altimeter, Mass Data Storage, Air Data System, Digital Map, Aircraft Displays, Digital Data Loader, Flight Data Recorder, Maintenance Data Recorder, Video Recorder, Digital Video Recorder, Helmet Display and Tracking System (HDTS), Blue Force Tracker, Ground Proximity Warning System (GPWS), Terrain Awareness Warning System (TAWS), Military Flight Operations Quality Assurance (MFOQA), Aircraft Survivability Equipment (ASE) and avionics interfaces for platform weapons and sensors. This OSIP intends to utilize upgrades to existing technology to the maximum extent practicable to minimize development and procurement costs, and to reduce the time to field the improved systems.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: Concept development, requirements definition completed 4Q11. 2Q12 begins source selection for competitive contract award. FY13 procurement .

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Exhibit P-3A, Individual Modification: PB 2013 Navy								Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0527 - AH-1W Series				Modification Nomenclature (<i>Modification Title, Modification Number</i>): H-1 AVIONICS IMPROVEMENTS (OSIP 006-13) - 5					
Models of Systems Affected: AH-1W				Type Modification: SAFETY/SURVIVABILITY/ READINESS/COMBAT EFFECTIVENESS				Related RDT&E PEs:					
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
H-1 AVIONICS IMPROVEMENTS (OSIP 006-13)													
A Kits													
Recurring													
1.1.1) Digital Map/JVMF - NonOrganic													
	-	-	-	-	-	-	6	0.300	-	-	6	0.300	
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.300		0.000		0.300	
NonRecurring													
1.2.1) Installation Kits N/R - Organic													
	-	-	-	-	-	-	-	0.150	-	-	-	0.150	
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.150		0.000		0.150	
B Kits													
Recurring													
2.1.1) Digital Map/JVMF - Organic													
	-	-	-	-	-	-	6	0.150	-	-	6	0.150	
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.150		0.000		0.150	
NonRecurring													
2.2.1) Installation Equipment N/R - Organic													
	-	-	-	-	-	-	-	1.000	-	-	-	1.000	
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		1.000		0.000		1.000	
<i>Total, H-1 AVIONICS IMPROVEMENTS (OSIP 006-13)</i>		-		-		-	12	1.600	-	-	12	1.600	
<i>Total, All Modifications</i>		0.000		0.000		0.000		1.600		0.000		1.600	
Support													
3.1) Engineering Change Orders													
	-	0.000	-	-	-	-	-	-	-	-	-	-	
3.2) Data													
	-	-	-	-	-	-	-	0.200	-	-	-	0.200	
3.3) Training Equipment													
	-	-	-	-	-	-	-	0.100	-	-	-	0.100	
3.4) Support Equipment													
	-	-	-	-	-	-	-	0.130	-	-	-	0.130	
3.5) ILS													
	-	-	-	-	-	-	-	0.300	-	-	-	0.300	
3.6) Other Support													
	-	-	-	-	-	-	-	0.341	-	-	-	0.341	
3.7) Interim Contractor Support													
	-	0.000	-	-	-	-	-	-	-	-	-	-	
<i>Total Support Cost</i>		0.000		0.000		0.000		1.071		0.000		1.071	

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0527 - AH-1W Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): H-1 AVIONICS IMPROVEMENTS (OSIP 006-13) - 5

Models of Systems Affected: AH-1W	Type Modification: SAFETY/SURVIVABILITY/ READINESS/COMBAT EFFECTIVENESS	Related RDT&E PEs:
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
<i>Procurement Cost (Procurement + Support)</i>		0.000		0.000		0.000		2.671		0.000		2.671
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		0.000		0.000		0.000		2.671		0.000		2.671

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
H-1 AVIONICS IMPROVEMENTS (OSIP 006-13)												
A Kits												
Recurring												
1.1.1) Digital Map/JVMF - NonOrganic	16	0.800	20	1.000	30	1.500	20	1.000	-	-	92	4.600
<i>Subtotal Recurring</i>		0.800		1.000		1.500		1.000		0.000		4.600
NonRecurring												
1.2.1) Installation Kits N/R - Organic	-	0.150	-	-	-	-	-	-	-	-	-	0.300
<i>Subtotal NonRecurring</i>		0.150		0.000		0.000		0.000		0.000		0.300
B Kits												
Recurring												
2.1.1) Digital Map/JVMF - Organic	16	0.400	20	0.500	30	0.750	20	0.500	-	-	92	2.300
<i>Subtotal Recurring</i>		0.400		0.500		0.750		0.500		0.000		2.300
NonRecurring												
2.2.1) Installation Equipment N/R - Organic	-	0.150	-	-	-	-	-	-	-	-	-	1.150
<i>Subtotal NonRecurring</i>		0.150		0.000		0.000		0.000		0.000		1.150
Total, H-1 AVIONICS IMPROVEMENTS (OSIP 006-13)	32	1.500	40	1.500	60	2.250	40	1.500	-	-	184	8.350
<i>Total, All Modifications</i>		1.500		1.500		2.250		1.500		0.000		8.350
Support												
3.1) Engineering Change Orders	-	-	-	-	-	-	-	-	-	-	-	-
3.2) Data	-	-	-	0.200	-	-	-	-	-	-	-	0.400

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0527 - AH-1W Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): H-1 AVIONICS IMPROVEMENTS (OSIP 006-13) - 5

Models of Systems Affected: AH-1W	Type Modification: SAFETY/SURVIVABILITY/ READINESS/COMBAT EFFECTIVENESS	Related RDT&E PEs:
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
3.3) Training Equipment	-	-	-	0.100	-	-	-	-	-	-	-	0.200
3.4) Support Equipment	-	-	-	0.100	-	-	-	-	-	-	-	0.230
3.5) ILS	-	0.130	-	0.150	-	0.150	-	-	-	-	-	0.730
3.6) Other Support	-	0.240	-	0.162	-	0.246	-	0.046	-	0.017	-	1.052
3.7) Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	-
Total Support Cost		0.370		0.712		0.396		0.046		0.017		2.612
Procurement Cost (Procurement + Support)		1.870		2.212		2.646		1.546		0.017		10.962
Total Installation Cost		0.090		0.240		0.300		0.450		0.300		1.380
Total Cost (Procurement + Support + Installation)		1.960		2.452		2.946		1.996		0.317		12.342

Remarks:

Manufacturer Information: H-1 AVIONICS IMPROVEMENTS (OSIP 006-13)							
Manufacturer Name: TBD				Manufacturer Location: TBD			
Administrative Leadtime (in Months): 3				Production Leadtime (in Months): 9			
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates			Jan 2013	Jan 2014			
Delivery Dates			Oct 2013	Oct 2014			

Installation: H-1 AVIONICS IMPROVEMENTS (OSIP 006-13)			Method of Implementation: Contractor Field Mod Team				Installation Name: Digital Map/JVMF					
Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0527 - AH-1W Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): H-1 AVIONICS IMPROVEMENTS (OSIP 006-13) - 5

Models of Systems Affected: AH-1W	Type Modification: SAFETY/SURVIVABILITY/ READINESS/COMBAT EFFECTIVENESS	Related RDT&E PEs:
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Installation: H-1 AVIONICS IMPROVEMENTS (OSIP 006-13)	Method of Implementation: Contractor Field Mod Team	Installation Name: Digital Map/JVMF
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	-	-

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	6	0.090	-	-	-	-	-	-	-	-	6	0.090
FY 2014	-	-	16	0.240	-	-	-	-	-	-	16	0.240
FY 2015	-	-	-	-	20	0.300	-	-	-	-	20	0.300
FY 2016	-	-	-	-	-	-	30	0.450	-	-	30	0.450
FY 2017	-	-	-	-	-	-	-	-	20	0.300	20	0.300
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	6	0.090	16	0.240	20	0.300	30	0.450	20	0.300	92	1.380

Installation Schedule																														
APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	-	-	-	-	-	-	-	-	1	1	2	2	4	4	4	4	5	5	5	5	7	7	8	8	20	92
Out	-	-	-	-	-	-	-	-	-	-	-	-	1	1	2	2	4	4	4	4	5	5	5	5	7	7	8	8	20	92

Installation: H-1 AVIONICS IMPROVEMENTS (OSIP 006-13)	Method of Implementation: Not Installed - Digital Map/JVMF	Installation Quantity: 92
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Exhibit P-3A, Individual Modification: PB 2013 Navy							Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1			P-1 Line Item Nomenclature: 0527 - AH-1W Series				Modification Nomenclature (<i>Modification Title, Modification Number</i>): INACTIVE OSIPs - 6					

Models of Systems Affected: [No Model Specified] **Type Modification:** [No Modification Type Specified] **Related RDT&E PEs:**

Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	111.352	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	111.352
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	111.352	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	111.352
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	111.352	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	111.352

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0527 - AH-1W Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): INACTIVE OSIPSS - 6

Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs:
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
INACTIVE OSIPSS												
A Kits												
Recurring												
1.1.1) New Cost Element - Organic	-	111.352	-	-	-	-	-	-	-	-	-	-
<i>Subtotal Recurring</i>		111.352		0.000		0.000		0.000		0.000		0.000
<i>Total, INACTIVE OSIPSS</i>	-	111.352	-	-	-	-	-	-	-	-	-	-
<i>Total, All Modifications</i>		111.352		0.000		0.000		0.000		0.000		0.000
<i>Procurement Cost (Procurement + Support)</i>		111.352		0.000		0.000		0.000		0.000		0.000
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		111.352		0.000		0.000		0.000		0.000		0.000

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
INACTIVE OSIPSS												
A Kits												
Recurring												
1.1.1) New Cost Element - Organic	-	-	-	-	-	-	-	-	-	-	-	111.352
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		111.352
<i>Total, INACTIVE OSIPSS</i>	-	-	-	-	-	-	-	-	-	-	-	111.352
<i>Total, All Modifications</i>		0.000		0.000		0.000		0.000		0.000		111.352
<i>Procurement Cost (Procurement + Support)</i>		0.000		0.000		0.000		0.000		0.000		111.352
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		0.000		0.000		0.000		0.000		0.000		111.352

Remarks:

Manufacturer Information: INACTIVE OSIPSS	
Manufacturer Name: Manufacturer Name Not Provided.	Manufacturer Location: Manufacturer Location Not Provided.

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Exhibit P-3A, Individual Modification: PB 2013 Navy						Date: February 2012	
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1			P-1 Line Item Nomenclature: 0527 - AH-1W Series			Modification Nomenclature (<i>Modification Title, Modification Number</i>): INACTIVE OSIPSS - 6	
Models of Systems Affected: [No Model Specified]		Type Modification: [No Modification Type Specified]			Related RDT&E PEs:		
Manufacturer Information: INACTIVE OSIPSS							
Administrative Leadtime (<i>in Months</i>):				Production Leadtime (<i>in Months</i>):			
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates							
Delivery Dates							
Installation: INACTIVE OSIPSS							
Method of Implementation: No Quantities Associated with Install				Installation Quantity: 0			

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Exhibit P-40, Budget Item Justification Sheet: PB 2013 Navy **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity:
1506N : Aircraft Procurement, Navy / BA 5 : Modification of Aircraft / BSA 1 :
Modification Of Aircraft

P-1 Line Item Nomenclature:
0528 - H-53 Series

ID Code (A=Service Ready, B=Not Service Ready) : A **Program Elements for Code B Items:** **Other Related Program Elements:**

Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	1,198.319	59.945	124.067	45.567	15.870	61.437	52.278	40.599	30.054	30.616	405.630	2,002.945
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	1,198.319	59.945	124.067	45.567	15.870	61.437	52.278	40.599	30.054	30.616	405.630	2,002.945
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	1,198.319	59.945	124.067	45.567	15.870	61.437	52.278	40.599	30.054	30.616	405.630	2,002.945
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

DESCRIPTION: This line item funds modifications to the CH-53D/CH-53E/MH-53E aircraft. The aircraft inventories to be modified vary by OSIP, dependant on kit modification production lead-time. The CH-53E is a seven blade main rotor and a four-blade canted tail rotor helicopter powered by three T64-GE-416/416A/419 turbo shaft engines while the CH-53D has six main rotor blades and two T64-GE-413/416 engines. The CH-53D/E aircraft are capable of both land and ship based transport of heavy equipment, supplies, and personnel. The MH-53E is similar to the CH-53E with additional capabilities for Airborne Mine Countermeasures (AMCM), Vertical On-Board Delivery (VOD), and Special Missions which require longer range and more precise navigation than that of the CH-53E. The overall goal of the modifications budgeted in FY13 was increased communication and navigation, integrated mechanical diagnostics, propulsion, degraded visual environment mitigation, survivability and sustainment initiatives, night vision capability, and fleet operation and safety performance in the H-53 community.

OSIP 15-05 Medivac has been renamed to Survivability. The intent of OSIP 31-12 Avionics is to migrate the various avionics related efforts previously funded in OSIP 15-05 Survivability, OSIP 12-92 HNVS, and OSIP 20-07 VDE to a single OSIP where the synergies of these efforts can best be leveraged.

The overall goal of the FY2013 Overseas Contingency Operations request is for the following: Sustainment (08-06) CH-53E Kapton Wiring Replacement funding is requested for fabrication and installation of replacement electrical harness sets on 20 CH-53E aircraft with Kapton wiring. This continues the phased replacement to eliminate 20 Kapton wiring harnesses on the CH-53E, thereby reducing the highest ranked safety risk in the fleet. H-53 Avionics (31-12). The H-53 strategy for this OSIP is to address system obsolescence and deficiencies that require correction to maintain platform relevance on an increasingly networked battlefield. Specifically, this OSIP address' Critical Survivability Upgrade (CSU) installations. CSU leverages the aircraft state, rate, and acceleration data available through integration of the H764G EGI and development of improved hover symbology in providing the Phase I degraded Visual Environment (DVE) solution. The CSU program also provides the platform for the installation of the APX-123 Transponder meeting Mode 5 IOC requirements. This OSIP also funds the reconfiguration of BuNo 161539 to a CH-53E fleet configuration.

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Exhibit P-40, Budget Item Justification Sheet: PB 2013 Navy **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity:
 1506N : Aircraft Procurement, Navy / BA 5 : Modification of Aircraft / BSA 1 :
 Modification Of Aircraft

P-1 Line Item Nomenclature:
 0528 - H-53 Series

ID Code (A=Service Ready, B=Not Service Ready) : A **Program Elements for Code B Items:** **Other Related Program Elements:**

Item Schedule		ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
HNVS (OSIP 012-92) - 1	P3A		-	-	212.253	-	-	0.960	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000
ATTEN. TRP SEATS (OSIP 020-97) - 2	P3A		-	-	53.157	-	-	0.000	-	-	1.530	-	-	0.000	-	-	0.000	-	-	0.000
INTEGRATED MECH DIAG (OSIP 007-98) - 3	P3A		-	-	129.543	-	-	6.702	-	-	12.584	-	-	10.022	-	-	0.000	-	-	10.022
NACELLES (OSIP 009-01) working on by DB - 4	P3A		-	-	16.639	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000
H-53 ERIP (OSIP 010-05) - 5	P3A		-	-	148.237	-	-	10.311	-	-	23.120	-	-	5.676	-	-	0.000	-	-	5.676
H-53 SURVIVABILITY (OSIP 015-05) (formerly Medivac) - 6	P3A		-	-	88.972	-	-	17.748	-	-	28.768	-	-	0.000	-	-	0.000	-	-	0.000
H-53 A/C SUSTAINMENT (OSIP 008-06) - 7	P3A		-	-	137.998	-	-	9.110	-	-	51.940	-	-	27.786	-	-	9.000	-	-	36.786
VISUALLY DEGRADED ENVIRONMENT (OSIP 020-07) - 8	P3A		-	-	78.179	-	-	0.772	-	-	1.363	-	-	0.000	-	-	0.000	-	-	0.000
DIRCM (OSIP 010-08) - 9	P3A		-	-	186.091	-	-	14.342	-	-	2.910	-	-	2.083	-	-	0.000	-	-	2.083
H-53 AVIONICS (OSIP 031-12) - 10	P3A		-	-	0.000	-	-	0.000	-	-	1.852	-	-	0.000	-	-	6.870	-	-	6.870
Inactive OSIPS - 11	P3A		-	-	147.250	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000
Total Gross/Weapon System Cost					1,198.319			59.945			124.067			45.567			15.870			61.437

		ID CD	FY 2014			FY 2015			FY 2016			FY 2017			To Complete			Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
HNVS (OSIP 012-92) - 1	P3A		-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	213.213
ATTEN. TRP SEATS (OSIP 020-97) - 2	P3A		-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	54.687
INTEGRATED MECH DIAG (OSIP 007-98) - 3	P3A		-	-	7.489	-	-	7.693	-	-	7.348	-	-	7.653	-	-	46.091	-	-	235.125
NACELLES (OSIP 009-01) working on by DB - 4	P3A		-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	36.000	-	-	52.639
H-53 ERIP (OSIP 010-05) - 5	P3A		-	-	6.914	-	-	10.828	-	-	10.914	-	-	8.815	-	-	118.142	-	-	342.957
H-53 SURVIVABILITY (OSIP 015-05) (formerly Medivac) - 6	P3A		-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	135.488
H-53 A/C SUSTAINMENT (OSIP 008-06) - 7	P3A		-	-	30.292	-	-	21.174	-	-	10.886	-	-	13.096	-	-	134.154	-	-	445.436
VISUALLY DEGRADED ENVIRONMENT (OSIP 020-07) - 8	P3A		-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	1.323	-	-	81.637

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0528 - H-53 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): HNVS (OSIP 012-92) - 1

Models of Systems Affected: CH-53E (152)	Type Modification: MISSION/PERFORMANCE ENHANCEMENT	Related RDT&E PEs:
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	212.253	0.960	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	213.213
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	212.253	0.960	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	213.213
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	212.253	0.960	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	213.213

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The Helicopter Night Vision System (HNVS) will provide an infrared night vision system for the CH-53E transport helicopters. The HNVS provides an improved night/all weather mission capability. This OSIP includes integration of the off the shelf APN-217(V)6 Doppler Navigation System and AAQ-29A FLIR. Future configuration for CH-53E transport helicopter will be the AAQ-29A FLIR due to obsolescence issues for OEM with AAQ-16B. Program is structured to replace AAQ-16 with AAQ-29A to establish a single configuration.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: The AAQ-16B/29 FLIR is a non-developmental Item (NDI) currently installed on a number of U.S. Army, Air Force, and Navy helicopters. DT-III A on the CH-53E/HNVS was completed in the third quarter FY 94. Extension of application for CH-53E was granted first quarter FY 95. The AAQ-29A is currently in production.

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Exhibit P-3A, Individual Modification: PB 2013 Navy										Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1					P-1 Line Item Nomenclature: 0528 - H-53 Series					Modification Nomenclature (<i>Modification Title, Modification Number</i>): HNVS (OSIP 012-92) - 1			
Models of Systems Affected: CH-53E (152)					Type Modification: MISSION/PERFORMANCE ENHANCEMENT					Related RDT&E PEs:			
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
HNVS (OSIP 012-92)													
A Kits													
Recurring													
1.1.1) Q-29A-OCO - NonOrganic	4	0.506	-	-	-	-	-	-	-	-	-	-	
1.1.2) A-Kits (EER) - NonOrganic	156	11.600	-	-	-	-	-	-	-	-	-	-	
<i>Subtotal Recurring</i>		12.106		0.000		0.000		0.000		0.000		0.000	
NonRecurring													
1.2.1) Installation Kits N/R - Organic	-	3.100	-	-	-	-	-	-	-	-	-	-	
<i>Subtotal NonRecurring</i>		3.100		0.000		0.000		0.000		0.000		0.000	
B Kits													
Recurring													
2.1.1) AAQ-29A TFU/SEU - Organic	27	15.233	-	-	-	-	-	-	-	-	-	-	
2.1.2) AAQ-29A TFU/SEU OCO - Organic	47	25.207	-	-	-	-	-	-	-	-	-	-	
2.1.3) AAQ-29A TFU/SEU Supp - Organic	54	25.272	-	-	-	-	-	-	-	-	-	-	
2.1.4) CH-53E Installation Equipment - Organic	195	18.700	-	-	-	-	-	-	-	-	-	-	
2.1.5) CH-53E TFU/SDC AAQ-16B/29 - Organic	223	72.300	-	-	-	-	-	-	-	-	-	-	
<i>Subtotal Recurring</i>		156.712		0.000		0.000		0.000		0.000		0.000	
NonRecurring													
2.2.1) Installation Equipment N/R - Organic	-	0.963	-	-	-	-	-	-	-	-	-	-	
<i>Subtotal NonRecurring</i>		0.963		0.000		0.000		0.000		0.000		0.000	
<i>Total, HNVS (OSIP 012-92)</i>	706	172.881	-	-	-	-	-	-	-	-	-	-	
<i>Total, All Modifications</i>		172.881		0.000		0.000		0.000		0.000		0.000	
Support													
3.1) Engineering Change Orders	-	0.000	-	-	-	-	-	-	-	-	-	-	
3.2) Data	-	0.985	-	-	-	-	-	-	-	-	-	-	
3.3) Software	-	1.184	-	-	-	-	-	-	-	-	-	-	
3.4) Software-OCO	-	2.455	-	-	-	-	-	-	-	-	-	-	

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0528 - H-53 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): HNVS (OSIP 012-92) - 1

Models of Systems Affected: CH-53E (152)	Type Modification: MISSION/PERFORMANCE ENHANCEMENT	Related RDT&E PEs:
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
3.5) Training Equipment	-	8.436	-	-	-	-	-	-	-	-	-	-
3.6) Support Equipment	-	0.000	-	-	-	-	-	-	-	-	-	-
3.7) ILS	-	1.000	-	-	-	-	-	-	-	-	-	-
3.8) Other Support	-	15.475	-	-	-	-	-	-	-	-	-	-
3.9) Other Support-OCO	-	0.378	-	-	-	-	-	-	-	-	-	-
3.10) Interim Contractor Support	-	0.000	-	-	-	-	-	-	-	-	-	-
Total Support Cost		29.913		0.000		0.000		0.000		0.000		0.000
Procurement Cost (Procurement + Support)		202.794		0.000		0.000		0.000		0.000		0.000
Total Installation Cost		9.459		0.960		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		212.253		0.960		0.000		0.000		0.000		0.000

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
HNVS (OSIP 012-92)												
A Kits												
Recurring												
1.1.1) Q-29A-OCO - NonOrganic	-	-	-	-	-	-	-	-	-	-	4	0.506
1.1.2) A-Kits (EER) - NonOrganic	-	-	-	-	-	-	-	-	-	-	156	11.600
Subtotal Recurring		0.000		0.000		0.000		0.000		0.000		12.106
NonRecurring												
1.2.1) Installation Kits N/R - Organic	-	-	-	-	-	-	-	-	-	-	-	3.100
Subtotal NonRecurring		0.000		0.000		0.000		0.000		0.000		3.100
B Kits												
Recurring												
2.1.1) AAQ-29A TFU/SEU - Organic	-	-	-	-	-	-	-	-	-	-	27	15.233
2.1.2) AAQ-29A TFU/SEU OCO - Organic	-	-	-	-	-	-	-	-	-	-	47	25.207
2.1.3) AAQ-29A TFU/SEU Supp - Organic	-	-	-	-	-	-	-	-	-	-	54	25.272

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Exhibit P-3A, Individual Modification: PB 2013 Navy								Date: February 2012				
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0528 - H-53 Series				Modification Nomenclature (<i>Modification Title, Modification Number</i>): HNVS (OSIP 012-92) - 1				
Models of Systems Affected: CH-53E (152)			Type Modification: MISSION/PERFORMANCE ENHANCEMENT				Related RDT&E PEs:					
Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
2.1.4) CH-53E Installation Equipment - Organic	-	-	-	-	-	-	-	-	-	-	195	18.700
2.1.5) CH-53E TFU/SDC AAQ-16B/29 - Organic	-	-	-	-	-	-	-	-	-	-	223	72.300
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		156.712
NonRecurring												
2.2.1) Installation Equipment N/R - Organic	-	-	-	-	-	-	-	-	-	-	-	0.963
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		0.963
<i>Total, HNVS (OSIP 012-92)</i>	-	-	-	-	-	-	-	-	-	-	706	172.881
<i>Total, All Modifications</i>		0.000		0.000		0.000		0.000		0.000		172.881
Support												
3.1) Engineering Change Orders	-	-	-	-	-	-	-	-	-	-	-	-
3.2) Data	-	-	-	-	-	-	-	-	-	-	-	0.985
3.3) Software	-	-	-	-	-	-	-	-	-	-	-	1.184
3.4) Software-OCO	-	-	-	-	-	-	-	-	-	-	-	2.455
3.5) Training Equipment	-	-	-	-	-	-	-	-	-	-	-	8.436
3.6) Support Equipment	-	-	-	-	-	-	-	-	-	-	-	-
3.7) ILS	-	-	-	-	-	-	-	-	-	-	-	1.000
3.8) Other Support	-	-	-	-	-	-	-	-	-	-	-	15.475
3.9) Other Support-OCO	-	-	-	-	-	-	-	-	-	-	-	0.378
3.10) Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		0.000		0.000		0.000		0.000		0.000		29.913
<i>Procurement Cost (Procurement + Support)</i>		0.000		0.000		0.000		0.000		0.000		202.794
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		10.419
Total Cost (Procurement + Support + Installation)		0.000		0.000		0.000		0.000		0.000		213.213
Remarks:												
Manufacturer Information: HNVS (OSIP 012-92)												
Manufacturer Name: Raytheon						Manufacturer Location: El Segundo, CA						
Administrative Leadtime (in Months): 22						Production Leadtime (in Months): 10						

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0528 - H-53 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): HNVS (OSIP 012-92) - 1
Models of Systems Affected: CH-53E (152)	Type Modification: MISSION/PERFORMANCE ENHANCEMENT	Related RDT&E PEs:

Manufacturer Information: HNVS (OSIP 012-92)							
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates							
Delivery Dates							

Installation: HNVS (OSIP 012-92)		Method of Implementation: CONTRACTOR INSTALLED - Field Modification Team				Installation Name: HNVS (OSIP 012-92)	
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>
All Prior Years	156	9.459	4	0.960	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	156	9.459	4	0.960	-	-	-	-	-	-	-	-

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>
All Prior Years	-	-	-	-	-	-	-	-	-	-	160	10.419
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0528 - H-53 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): HNVS (OSIP 012-92) - 1
Models of Systems Affected: CH-53E (152)	Type Modification: MISSION/PERFORMANCE ENHANCEMENT	Related RDT&E PEs:

Installation: HNVS (OSIP 012-92)	Method of Implementation: CONTRACTOR INSTALLED - Field Modification Team	Installation Name: HNVS (OSIP 012-92)
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Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	160	10.419

Installation Schedule																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	156	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	160
Out	156	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	160

Installation: HNVS (OSIP 012-92)	Method of Implementation: Organic - AAQ-29A TFU/SEU	Installation Quantity: 27
Installation: HNVS (OSIP 012-92)	Method of Implementation: Organic - AAQ-29A TFU/SEU OCO	Installation Quantity: 47
Installation: HNVS (OSIP 012-92)	Method of Implementation: Organic - AAQ-29A TFU/SEU Supp	Installation Quantity: 54
Installation: HNVS (OSIP 012-92)	Method of Implementation: Organic - CH-53E Installation Equipment	Installation Quantity: 195
Installation: HNVS (OSIP 012-92)	Method of Implementation: Organic - CH-53E TFU/SDC AAQ-16B/29	Installation Quantity: 223

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Exhibit P-3A, Individual Modification: PB 2013 Navy							Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0528 - H-53 Series				Modification Nomenclature (<i>Modification Title, Modification Number</i>): ATTEN. TRP SEATS (OSIP 020-97) - 2				
Models of Systems Affected: CH-53D (36), CH-53E (152), MH-53E (31), 219 Total			Type Modification: SAFETY				Related RDT&E PEs:					

Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	53.157	0.000	1.530	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	54.687
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	53.157	0.000	1.530	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	54.687
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	53.157	0.000	1.530	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	54.687

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

Utility and Troop transport mission increasing in importance. Current troop/passenger seats are 1950 generation. Design does not provide impact protection of current rotorcraft seat designs. The impulsive type loading experienced during survivable mishaps produces amplified seat/floor anchor loads and potentially injurious occupant decelerations. Due to this operational deficiency, NDI crashworthy troop seat program established. NDI are lightweight off-the-shelf seats that provide protection by limiting an occupants inertial loading to survivable levels by attenuating impact forces to below survivable ranges and enables the occupant to rapidly egress a downed aircraft are being sought.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: Funding provided NRE, qualification, initial procurement, and support for Crash Attenuating Crew Chief Seat (CACCS) for all H-53 Type/ Model/Series helicopters. CACCS also requires a redesigned Cruise box for the MH-53E.

Notes:

- CATS Upgrade kits (QTY 246) are installed at O-level.

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0528 - H-53 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): ATTEN. TRP SEATS (OSIP 020-97) - 2
Models of Systems Affected: CH-53D (36), CH-53E (152), MH-53E (31), 219 Total	Type Modification: SAFETY	Related RDT&E PEs:

Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
ATTEN. TRP SEATS (OSIP 020-97)												
A Kits												
Recurring												
1.1.1) CATS Upgrade Kits - Organic	239	5.211	-	-	7	1.400	-	-	-	-	-	-
1.1.2) CH-53D Kits - Organic	46	4.600	-	-	-	-	-	-	-	-	-	-
1.1.3) CH-53E Kits - Organic	154	11.900	-	-	-	-	-	-	-	-	-	-
1.1.4) MH-53E Cruise Box Kits - Organic	26	0.231	-	-	-	-	-	-	-	-	-	-
1.1.5) MH-53E Extension Brackets - Organic	20	0.050	-	-	-	-	-	-	-	-	-	-
1.1.6) MH-53E CATSS Kits - Organic	4	0.504	-	-	-	-	-	-	-	-	-	-
1.1.7) MH-53E Kits - Organic	22	1.897	-	-	-	-	-	-	-	-	-	-
<i>Subtotal Recurring</i>		24.393		0.000		1.400		0.000		0.000		0.000
NonRecurring												
1.2.1) Installation Kits N/R - Organic	-	2.335	-	-	-	-	-	-	-	-	-	-
<i>Subtotal NonRecurring</i>		2.335		0.000		0.000		0.000		0.000		0.000
B Kits												
Recurring												
2.1.1) Crew Chief Seats (B Kits) - Organic	219	1.854	-	-	-	-	-	-	-	-	-	-
2.1.2) Seat Testing - Organic	1	0.700	-	-	-	-	-	-	-	-	-	-
<i>Subtotal Recurring</i>		2.554		0.000		0.000		0.000		0.000		0.000
<i>Total, ATTEN. TRP SEATS (OSIP 020-97)</i>	731	29.282	-	-	7	1.400	-	-	-	-	-	-
<i>Total, All Modifications</i>		29.282		0.000		1.400		0.000		0.000		0.000
Support												
3.1) Engineering Change Orders	-	0.500	-	-	-	-	-	-	-	-	-	-
3.2) Data	-	1.215	-	-	-	-	-	-	-	-	-	-
3.3) Training Equipment	6	0.061	-	-	-	-	-	-	-	-	-	-
3.4) Support Equipment	-	0.244	-	-	-	-	-	-	-	-	-	-
3.5) ILS	-	0.300	-	-	-	-	-	-	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0528 - H-53 Series	Modification Nomenclature (Modification Title, Modification Number): ATTEN. TRP SEATS (OSIP 020-97) - 2

Models of Systems Affected: CH-53D (36), CH-53E (152), MH-53E (31), 219 Total	Type Modification: SAFETY	Related RDT&E PEs:
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
3.6) Other Support	-	15.395	-	-	-	0.130	-	-	-	-	-	-
3.7) Interim Contractor Support	-	0.000	-	-	-	-	-	-	-	-	-	-
3.8) Installation Cost-Prior Year	272	6.160	-	-	-	-	-	-	-	-	-	-
Total Support Cost		23.875		0.000		0.130		0.000		0.000		0.000
Procurement Cost (Procurement + Support)		53.157		0.000		1.530		0.000		0.000		0.000
Total Installation Cost		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		53.157		0.000		1.530		0.000		0.000		0.000

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
ATTEN. TRP SEATS (OSIP 020-97)												
A Kits												
Recurring												
1.1.1) CATS Upgrade Kits - Organic	-	-	-	-	-	-	-	-	-	-	246	6.611
1.1.2) CH-53D Kits - Organic	-	-	-	-	-	-	-	-	-	-	46	4.600
1.1.3) CH-53E Kits - Organic	-	-	-	-	-	-	-	-	-	-	154	11.900
1.1.4) MH-53E Cruise Box Kits - Organic	-	-	-	-	-	-	-	-	-	-	26	0.231
1.1.5) MH-53E Extension Brackets - Organic	-	-	-	-	-	-	-	-	-	-	20	0.050
1.1.6) MH-53E CATSS Kits - Organic	-	-	-	-	-	-	-	-	-	-	4	0.504
1.1.7) MH-53E Kits - Organic	-	-	-	-	-	-	-	-	-	-	22	1.897
Subtotal Recurring		0.000		0.000		0.000		0.000		0.000		25.793
NonRecurring												
1.2.1) Installation Kits N/R - Organic	-	-	-	-	-	-	-	-	-	-	-	2.335
Subtotal NonRecurring		0.000		0.000		0.000		0.000		0.000		2.335
B Kits												
Recurring												
2.1.1) Crew Chief Seats (B Kits) - Organic	-	-	-	-	-	-	-	-	-	-	219	1.854

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0528 - H-53 Series
Models of Systems Affected: CH-53D (36), CH-53E (152), MH-53E (31), 219 Total		Type Modification: SAFETY
Related RDT&E PEs:		
Modification Nomenclature (Modification Title, Modification Number): ATTEN. TRP SEATS (OSIP 020-97) - 2		

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
2.1.2) Seat Testing - Organic	-	-	-	-	-	-	-	-	-	-	1	0.700
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		2.554
<i>Total, ATTEN. TRP SEATS (OSIP 020-97)</i>	-	-	-	-	-	-	-	-	-	-	738	30.682
<i>Total, All Modifications</i>		0.000		0.000		0.000		0.000		0.000		30.682
Support												
3.1) Engineering Change Orders	-	-	-	-	-	-	-	-	-	-	-	0.500
3.2) Data	-	-	-	-	-	-	-	-	-	-	-	1.215
3.3) Training Equipment	-	-	-	-	-	-	-	-	-	-	6	0.061
3.4) Support Equipment	-	-	-	-	-	-	-	-	-	-	-	0.244
3.5) ILS	-	-	-	-	-	-	-	-	-	-	-	0.300
3.6) Other Support	-	-	-	-	-	-	-	-	-	-	-	15.525
3.7) Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	-
3.8) Installation Cost-Prior Year	-	-	-	-	-	-	-	-	-	-	272	6.160
<i>Total Support Cost</i>		0.000		0.000		0.000		0.000		0.000		24.005
<i>Procurement Cost (Procurement + Support)</i>		0.000		0.000		0.000		0.000		0.000		54.687
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		0.000		0.000		0.000		0.000		0.000		54.687

Remarks:

Manufacturer Information: ATTEN. TRP SEATS (OSIP 020-97)							
Manufacturer Name: Martin Baker				Manufacturer Location: Middlesex, England			
Administrative Leadtime (in Months): 0				Production Leadtime (in Months): 0			
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates							
Delivery Dates							

Installation: ATTEN. TRP SEATS (OSIP 020-97)	Method of Implementation: Organic - CATS Upgrade Kits	Installation Quantity: 246
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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0528 - H-53 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): ATTEN. TRP SEATS (OSIP 020-97) - 2
Models of Systems Affected: CH-53D (36), CH-53E (152), MH-53E (31), 219 Total	Type Modification: SAFETY	Related RDT&E PEs:
Installation: ATTEN. TRP SEATS (OSIP 020-97)	Method of Implementation: Not Installed - CH-53D Kits	Installation Quantity: 46
Installation: ATTEN. TRP SEATS (OSIP 020-97)	Method of Implementation: Not Installed - CH-53E Kits	Installation Quantity: 154
Installation: ATTEN. TRP SEATS (OSIP 020-97)	Method of Implementation: Not Installed - MH-53E Cruise Box Kits	Installation Quantity: 26
Installation: ATTEN. TRP SEATS (OSIP 020-97)	Method of Implementation: Not Installed - MH-53E Extension Brackets	Installation Quantity: 20
Installation: ATTEN. TRP SEATS (OSIP 020-97)	Method of Implementation: Not Installed - MH-53E CATSS Kits	Installation Quantity: 4
Installation: ATTEN. TRP SEATS (OSIP 020-97)	Method of Implementation: Not Installed - MH-53E Kits	Installation Quantity: 22
Installation: ATTEN. TRP SEATS (OSIP 020-97)	Method of Implementation: Organic - Crew Chief Seats (B Kits)	Installation Quantity: 219
Installation: ATTEN. TRP SEATS (OSIP 020-97)	Method of Implementation: Organic - Seat Testing	Installation Quantity: 1
Installation: ATTEN. TRP SEATS (OSIP 020-97)	Method of Implementation: Organic - Training Equipment	Installation Quantity: 6
Installation: ATTEN. TRP SEATS (OSIP 020-97)	Method of Implementation: Not Installed - Installation Cost-Prior Year	Installation Quantity: 272

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0528 - H-53 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): INTEGRATED MECH DIAG (OSIP 007-98) - 3

Models of Systems Affected: CH-53E (152), MH-53E (31), 183 Total	Type Modification: SAFETY, READINESS, AND MAINTAINABILITY	Related RDT&E PEs:
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	129.543	6.702	12.584	10.022	0.000	10.022	7.489	7.693	7.348	7.653	46.091	235.125
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	129.543	6.702	12.584	10.022	0.000	10.022	7.489	7.693	7.348	7.653	46.091	235.125
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	129.543	6.702	12.584	10.022	0.000	10.022	7.489	7.693	7.348	7.653	46.091	235.125

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

IMD is a helicopter monitoring and diagnostics system that provides continuous on board monitoring and diagnostics of engine health, gearbox and drive train vibrations, oil debris, rotor track and balance. Full incorporation of IMDS capabilities will allow rapid transition from the current costly philosophies of the 70s to today's cost wise initiatives and concepts. Lessons learned from this effort were incorporated into the solicitation for the fleet wide IMD effort with CH/MH-53E aircraft designated as the lead platforms. IMDS produces the aircraft interface required to implement military flight operations quality assurance (MFOQA), a capability designed to provide hazard monitoring and mitigation. Condition Based Maintenance (CBM) is a concept intended to direct maintenance by predicting failures based on real-time assessment of equipment condition obtained from IMDS embedded sensors. CBM program includes software algorithm analysis for condition and health indicators of components, implementation of diagnostic/analysis tools and information infrastructure. CBM will enable a reduction in spares and maintenance while increasing safety of flight.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: The CH-53E IMDS successfully completed operational evaluation (OPEVAL) in October 2005. The Milestone Decision Authority approved full-rate production for CH-53E IMDS in December 2004. MH-53E Val/Ver completed 1st Qtr FY11. Advanced diagnostics enhancements & airframe structural life extension database interfaces are being incorporated to provide comprehensive platform operational & maintenance status awareness to the Squadron Commanders & key decision makers.

Notes:

- Quantity of 154 CH-53E installs includes 2 trainer kits.
- Lack of MH-53E aircraft availability and software issues delaying installations of FY12 kit buy.

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0528 - H-53 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): INTEGRATED MECH DIAG (OSIP 007-98) - 3

Models of Systems Affected: CH-53E (152), MH-53E (31), 183 Total	Type Modification: SAFETY, READINESS, AND MAINTAINABILITY	Related RDT&E PEs:
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
INTEGRATED MECH DIAG (OSIP 007-98)												
A Kits												
Recurring												
1.1.1) AVC-5102 Panel Lens (LBAD) - Organic	1	0.068	-	-	-	-	-	-	-	-	-	-
1.1.2) Accelerometers - Organic	2	0.194	-	-	-	-	-	-	-	-	-	-
1.1.3) CH-53E A-Kits - NonOrganic	116	35.747	-	-	-	-	2	0.607	-	-	2	0.607
1.1.4) CH-53E A Kits (CONG) - NonOrganic	31	10.552	-	-	-	-	-	-	-	-	-	-
1.1.5) CH-53E A-Kits -OCO - NonOrganic	5	1.560	-	-	-	-	-	-	-	-	-	-
1.1.7) MH-53E Kits (A-kits) - NonOrganic	18	6.108	-	-	11	4.400	-	-	-	-	-	-
1.1.8) MH-53E Kits (A-kits) (CONG) - NonOrganic	2	0.626	-	-	-	-	-	-	-	-	-	-
<i>Subtotal Recurring</i>		54.855		0.000		4.400		0.607		0.000		0.607
NonRecurring												
1.2.1) Installation Kits N/R - Organic	-	3.100	-	-	-	-	-	-	-	-	-	-
<i>Subtotal NonRecurring</i>		3.100		0.000		0.000		0.000		0.000		0.000
B Kits												
Recurring												
2.1.1) CH-53E B-Kit - Organic	-	0.450	-	-	-	-	-	-	-	-	-	-
2.1.2) MH-53E B-Kit - Organic	-	-	31	0.250	-	-	-	-	-	-	-	-
2.1.3) IMDS Ground Equipment - Organic	-	0.216	-	-	-	-	-	-	-	-	-	-
<i>Subtotal Recurring</i>		0.666		0.250		0.000		0.000		0.000		0.000
NonRecurring												
2.2.2) Installation Equipment N/R (CONG) - Organic	-	1.249	-	-	-	-	-	-	-	-	-	-
<i>Subtotal NonRecurring</i>		1.249		0.000		0.000		0.000		0.000		0.000
<i>Total, INTEGRATED MECH DIAG (OSIP 007-98)</i>	175	59.870	31	0.250	11	4.400	2	0.607	-	-	2	0.607
<i>Total, All Modifications</i>		59.870		0.250		4.400		0.607		0.000		0.607
Support												

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0528 - H-53 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): INTEGRATED MECH DIAG (OSIP 007-98) - 3

Models of Systems Affected: CH-53E (152), MH-53E (31), 183 Total	Type Modification: SAFETY, READINESS, AND MAINTAINABILITY	Related RDT&E PEs:
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
3.1) Engineering Change Orders	-	0.217	-	-	-	-	-	-	-	-	-	-
3.2) Data	-	1.336	-	0.005	-	-	-	0.011	-	-	-	0.011
3.3) Data (CONG)	-	-	-	0.100	-	-	-	-	-	-	-	-
3.4) Software	-	3.324	-	0.600	-	-	-	-	-	-	-	-
3.5) Software (CONG)	-	2.667	-	-	-	-	-	-	-	-	-	-
3.6) Training Equipment	2	0.467	-	-	-	-	-	-	-	-	-	-
3.7) Support Equipment	-	2.420	-	-	-	0.450	-	-	-	-	-	-
3.8) Condition Based Maint (CBM)	-	-	-	-	-	2.820	-	3.263	-	-	-	3.263
3.9) Condition Based Maint (CBM) OCO	-	0.000	-	-	-	-	-	-	-	-	-	-
3.10) ILS	-	2.984	-	-	-	0.900	-	-	-	-	-	-
3.11) Other Support	-	43.893	-	4.957	-	2.883	-	4.702	-	-	-	4.702
3.12) Other Support - OCO	-	0.045	-	-	-	-	-	-	-	-	-	-
3.13) Other Support (CONG)	-	0.940	-	-	-	-	-	-	-	-	-	-
3.14) Interim Contractor Support	-	0.000	-	-	-	-	-	-	-	-	-	-
Total Support Cost		58.293		5.662		7.053		7.976		0.000		7.976
Procurement Cost (Procurement + Support)		118.163		5.912		11.453		8.583		0.000		8.583
Total Installation Cost		11.380		0.790		1.131		1.439		0.000		1.439
Total Cost (Procurement + Support + Installation)		129.543		6.702		12.584		10.022		0.000		10.022

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
INTEGRATED MECH DIAG (OSIP 007-98)												
A Kits												
Recurring												
1.1.1) AVC-5102 Panel Lens (LBAD) - Organic	-	-	-	-	-	-	-	-	-	-	1	0.068
1.1.2) Accelerometers - Organic	-	-	-	-	-	-	-	-	-	-	2	0.194

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0528 - H-53 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): INTEGRATED MECH DIAG (OSIP 007-98) - 3

Models of Systems Affected: CH-53E (152), MH-53E (31), 183 Total	Type Modification: SAFETY, READINESS, AND MAINTAINABILITY	Related RDT&E PEs:
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
1.1.3) CH-53E A-Kits - NonOrganic	-	-	-	-	-	-	-	-	-	-	118	36.354
1.1.4) CH-53E A Kits (CONG) - NonOrganic	-	-	-	-	-	-	-	-	-	-	31	10.552
1.1.5) CH-53E A-Kits -OCO - NonOrganic	-	-	-	-	-	-	-	-	-	-	5	1.560
1.1.7) MH-53E Kits (A-kits) - NonOrganic	-	-	-	-	-	-	-	-	-	-	29	10.508
1.1.8) MH-53E Kits (A-kits) (CONG) - NonOrganic	-	-	-	-	-	-	-	-	-	-	2	0.626
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		59.862
NonRecurring												
1.2.1) Installation Kits N/R - Organic	-	-	-	-	-	-	-	-	-	-	-	3.100
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		3.100
B Kits												
Recurring												
2.1.1) CH-53E B-Kit - Organic	-	-	-	-	-	-	-	-	-	-	-	0.450
2.1.2) MH-53E B-Kit - Organic	-	-	-	-	-	-	-	-	-	-	31	0.250
2.1.3) IMDS Ground Equipment - Organic	-	-	-	-	-	-	-	-	-	-	-	0.216
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		0.916
NonRecurring												
2.2.2) Installation Equipment N/R (CONG) - Organic	-	-	-	-	-	-	-	-	-	-	-	1.249
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		1.249
<i>Total, INTEGRATED MECH DIAG (OSIP 007-98)</i>	-	-	-	-	-	-	-	-	-	-	219	65.127
<i>Total, All Modifications</i>		0.000		0.000		0.000		0.000		0.000		65.127
Support												
3.1) Engineering Change Orders	-	-	-	-	-	-	-	-	-	-	-	0.217
3.2) Data	-	0.011	-	0.011	-	0.015	-	0.017	-	0.020	-	1.426
3.3) Data (CONG)	-	-	-	-	-	-	-	-	-	-	-	0.100
3.4) Software	-	-	-	-	-	-	-	-	-	-	-	3.924
3.5) Software (CONG)	-	-	-	-	-	-	-	-	-	-	-	2.667
3.6) Training Equipment	-	-	-	-	-	-	-	-	-	-	2	0.467

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0528 - H-53 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): INTEGRATED MECH DIAG (OSIP 007-98) - 3

Models of Systems Affected: CH-53E (152), MH-53E (31), 183 Total	Type Modification: SAFETY, READINESS, AND MAINTAINABILITY	Related RDT&E PEs:
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
3.7) Support Equipment	-	-	-	-	-	-	-	-	-	-	-	2.870
3.8) Condition Based Maint (CBM)	-	2.751	-	3.023	-	3.282	-	3.774	-	21.790	-	40.703
3.9) Condition Based Maint (CBM) OCO	-	-	-	-	-	-	-	-	-	-	-	-
3.10) ILS	-	-	-	-	-	-	-	-	-	-	-	3.884
3.11) Other Support	-	4.245	-	4.146	-	3.259	-	3.862	-	24.281	-	96.228
3.12) Other Support - OCO	-	-	-	-	-	-	-	-	-	-	-	0.045
3.13) Other Support (CONG)	-	-	-	-	-	-	-	-	-	-	-	0.940
3.14) Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	-
Total Support Cost		7.007		7.180		6.556		7.653		46.091		153.471
Procurement Cost (Procurement + Support)		7.007		7.180		6.556		7.653		46.091		218.598
Total Installation Cost		0.482		0.513		0.792		0.000		0.000		16.527
Total Cost (Procurement + Support + Installation)		7.489		7.693		7.348		7.653		46.091		235.125

Remarks:

Manufacturer Information: INTEGRATED MECH DIAG (OSIP 007-98)

Manufacturer Name: Goodrich-CH	Manufacturer Location: Vergennes, VT
Administrative Leadtime (in Months): 11	Production Leadtime (in Months): 4

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates			Aug 2013				
Delivery Dates			Dec 2013				

Manufacturer Name: Goodrich-MH	Manufacturer Location: Vergennes< VT
Administrative Leadtime (in Months): 11	Production Leadtime (in Months): 26

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates		Aug 2012					
Delivery Dates		Oct 2014					

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0528 - H-53 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): INTEGRATED MECH DIAG (OSIP 007-98) - 3
Models of Systems Affected: CH-53E (152), MH-53E (31), 183 Total	Type Modification: SAFETY, READINESS, AND MAINTAINABILITY	Related RDT&E PEs:

Installation: INTEGRATED MECH DIAG (OSIP 007-98)	Method of Implementation: CONTRACTOR INSTALLED-FIELD MOD TEAM	Installation Name: IMDS (OSIP 07-98) CH-53
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	131	11.292	8	0.702	7	0.719	6	0.575	0	0.000	6	0.575
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	1	0.096	0	0.000	1	0.096
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	131	11.292	8	0.702	7	0.719	7	0.671	0	0.000	7	0.671

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	152	13.288
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	1	0.098	-	-	-	-	-	-	-	-	2	0.194
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	1	0.098	-	-	-	-	-	-	-	-	154	13.482

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0528 - H-53 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): INTEGRATED MECH DIAG (OSIP 007-98) - 3

Models of Systems Affected: CH-53E (152), MH-53E (31), 183 Total	Type Modification: SAFETY, READINESS, AND MAINTAINABILITY	Related RDT&E PEs:
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Installation: INTEGRATED MECH DIAG (OSIP 007-98)	Method of Implementation: CONTRACTOR INSTALLED-FIELD MOD TEAM	Installation Name: IMDS (OSIP 07-98) CH-53
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Installation Schedule																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	131	-	3	3	2	-	2	2	3	-	3	3	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	154
Out	131	-	3	3	2	-	2	2	3	-	3	3	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	154

Installation: INTEGRATED MECH DIAG (OSIP 007-98)	Method of Implementation: CONTRACTOR INSTALLED-FIELD MOD TEAM	Installation Name: IMDS (OSIP 07-98) MH-53
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	1	0.088	1	0.088	4	0.412	8	0.768	0	0.000	8	0.768
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	1	0.088	1	0.088	4	0.412	8	0.768	0	0.000	8	0.768

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	4	0.384	2	0.205	-	-	-	-	-	-	20	1.945
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	3	0.308	8	0.792	-	-	-	-	11	1.100
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0528 - H-53 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): INTEGRATED MECH DIAG (OSIP 007-98) - 3

Models of Systems Affected: CH-53E (152), MH-53E (31), 183 Total	Type Modification: SAFETY, READINESS, AND MAINTAINABILITY	Related RDT&E PEs:
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Installation: INTEGRATED MECH DIAG (OSIP 007-98)	Method of Implementation: CONTRACTOR INSTALLED-FIELD MOD TEAM	Installation Name: IMDS (OSIP 07-98) MH-53
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Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	4	0.384	5	0.513	8	0.792	-	-	-	-	31	3.045

Installation Schedule																																
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot	
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4			
In	1	-	-	-	1	1	1	1	1	2	2	2	2	1	1	1	1	3	2	-	-	2	2	2	2	-	-	-	-	-	-	31
Out	1	-	-	-	1	1	1	1	1	2	2	2	2	1	1	1	1	3	2	-	-	2	2	2	2	-	-	-	-	-	-	31

Installation: INTEGRATED MECH DIAG (OSIP 007-98)	Method of Implementation: Organic - AVC-5102 Panel Lens (LBAD)	Installation Quantity: 1
Installation: INTEGRATED MECH DIAG (OSIP 007-98)	Method of Implementation: Organic - Accelerometers	Installation Quantity: 2
Installation: INTEGRATED MECH DIAG (OSIP 007-98)	Method of Implementation: Organic - MH-53E B-Kit	Installation Quantity: 31
Installation: INTEGRATED MECH DIAG (OSIP 007-98)	Method of Implementation: Not Installed - Training Equipment	Installation Quantity: 2

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0528 - H-53 Series	Modification Nomenclature <i>(Modification Title, Modification Number):</i> NACELLES (OSIP 009-01) working on by DB - 4

Models of Systems Affected: CH-53E(152), MH-53E(31), 183 TOTAL	Type Modification: MISSION/MISSION ENHANCEMENT	Related RDT&E PEs:
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	16.639	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	36.000	52.639
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	16.639	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	36.000	52.639
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	16.639	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	36.000	52.639

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

Material quality defects were discovered in the first production lot. Technical data package was studied by the OEM. Contract awarded Feb 07 for Non-Recurring Engineering. Tooling and Val/Ver kits.

DESCRIPTION/JUSTIFICATION: This modification provides improvements to the engine nacelles which are intended to decrease the maintenance man-hours expended on nacelles repair and replacement. This modification will incorporate the forward and aft engine nacelles for the H-53.

Notes:

1. All installations are O-level.

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0528 - H-53 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): NACELLES (OSIP 009-01) working on by DB - 4

Models of Systems Affected: CH-53E(152), MH-53E(31), 183 TOTAL	Type Modification: MISSION/MISSION ENHANCEMENT	Related RDT&E PEs:
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
NACELLES (OSIP 009-01) working on by DB												
A Kits												
Recurring												
1.1.1) MH-53E KITS (Radian) - Organic	46	3.200	-	-	-	-	-	-	-	-	-	-
1.1.2) CH-53E KITS (TBD) - Organic	-	-	-	-	-	-	-	-	-	-	-	-
1.1.3) CH-53E KITS - Val/Ver - Organic	3	0.875	-	-	-	-	-	-	-	-	-	-
<i>Subtotal Recurring</i>		4.075		0.000		0.000		0.000		0.000		0.000
NonRecurring												
1.2.1) Installation Kits N/R - Organic	-	5.046	-	-	-	-	-	-	-	-	-	-
<i>Subtotal NonRecurring</i>		5.046		0.000		0.000		0.000		0.000		0.000
<i>Total, NACELLES (OSIP 009-01) working on by DB</i>	49	9.121	-	-	-	-	-	-	-	-	-	-
<i>Total, All Modifications</i>		9.121		0.000		0.000		0.000		0.000		0.000
Support												
3.1) Engineering Change Orders	-	0.000	-	-	-	-	-	-	-	-	-	-
3.2) Data	-	0.100	-	-	-	-	-	-	-	-	-	-
3.3) Training Equipment	-	-	-	-	-	-	-	-	-	-	-	-
3.4) Support Equipment	-	-	-	-	-	-	-	-	-	-	-	-
3.5) ILS	-	0.066	-	-	-	-	-	-	-	-	-	-
3.6) Other Support	-	7.352	-	-	-	-	-	-	-	-	-	-
3.7) Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		7.518		0.000		0.000		0.000		0.000		0.000
<i>Procurement Cost (Procurement + Support)</i>		16.639		0.000		0.000		0.000		0.000		0.000
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		16.639		0.000		0.000		0.000		0.000		0.000

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0528 - H-53 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): NACELLES (OSIP 009-01) working on by DB - 4

Models of Systems Affected: CH-53E(152), MH-53E(31), 183 TOTAL	Type Modification: MISSION/MISSION ENHANCEMENT	Related RDT&E PEs:
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
NACELLES (OSIP 009-01) working on by DB												
A Kits												
Recurring												
1.1.1) MH-53E KITS (Radian) - Organic	-	-	-	-	-	-	-	-	-	-	46	3.200
1.1.2) CH-53E KITS (TBD) - Organic	-	-	-	-	-	-	0	0.000	149	29.800	149	29.800
1.1.3) CH-53E KITS - Val/Ver - Organic	-	-	-	-	-	-	-	-	-	-	3	0.875
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		29.800		33.875
NonRecurring												
1.2.1) Installation Kits N/R - Organic	-	-	-	-	-	-	-	-	-	-	-	5.046
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		5.046
<i>Total, NACELLES (OSIP 009-01) working on by DB</i>	-	-	-	-	-	-	-	-	149	29.800	198	38.921
<i>Total, All Modifications</i>		0.000		0.000		0.000		0.000		29.800		38.921
Support												
3.1) Engineering Change Orders	-	-	-	-	-	-	-	-	-	-	-	-
3.2) Data	-	-	-	-	-	-	-	-	-	-	-	0.100
3.3) Training Equipment	-	-	-	-	-	-	-	0.000	-	0.500	-	0.500
3.4) Support Equipment	-	-	-	-	-	-	-	0.000	-	0.400	-	0.400
3.5) ILS	-	-	-	-	-	-	-	-	-	0.500	-	0.566
3.6) Other Support	-	-	-	-	-	-	-	-	-	2.800	-	10.152
3.7) Interim Contractor Support	-	-	-	-	-	-	-	0.000	-	2.000	-	2.000
<i>Total Support Cost</i>		0.000		0.000		0.000		0.000		6.200		13.718
<i>Procurement Cost (Procurement + Support)</i>		0.000		0.000		0.000		0.000		36.000		52.639
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		0.000		0.000		0.000		0.000		36.000		52.639

Remarks:

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0528 - H-53 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): NACELLES (OSIP 009-01) working on by DB - 4

Models of Systems Affected: CH-53E(152), MH-53E(31), 183 TOTAL	Type Modification: MISSION/MISSION ENHANCEMENT	Related RDT&E PEs:
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Manufacturer Information: NACELLES (OSIP 009-01) working on by DB							
Manufacturer Name: Sikorsky Aircraft Corp				Manufacturer Location: Stratford, CT			
Administrative Leadtime (<i>in Months</i>): 0				Production Leadtime (<i>in Months</i>): 0			
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates							
Delivery Dates							

Installation: NACELLES (OSIP 009-01) working on by DB	Method of Implementation: Organic - MH-53E KITS (Radian)	Installation Quantity: 46
Installation: NACELLES (OSIP 009-01) working on by DB	Method of Implementation: Organic - CH-53E KITS (TBD)	Installation Quantity: 149
Installation: NACELLES (OSIP 009-01) working on by DB	Method of Implementation: Organic - CH-53E KITS - Val/Ver	Installation Quantity: 3

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0528 - H-53 Series
Modification Nomenclature (Modification Title, Modification Number): H-53 ERIP (OSIP 010-05) - 5		

Models of Systems Affected: H-53 T64 Turbo-shaft engines	Type Modification: SAFETY, READINESS AND MAINTAINABILITY	Related RDT&E PEs:
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	148.237	10.311	23.120	5.676	0.000	5.676	6.914	10.828	10.914	8.815	118.142	342.957
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	148.237	10.311	23.120	5.676	0.000	5.676	6.914	10.828	10.914	8.815	118.142	342.957
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	148.237	10.311	23.120	5.676	0.000	5.676	6.914	10.828	10.914	8.815	118.142	342.957

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The T64 Engine reliability Improvement Program upgrades top age related engine degraders, fatigue limiters, and performance degradation on the T64 engine. A concentrated effort is to upgrade the T64-416 engines to the T64-416A configuration by replacing components of the engine with improved hardware designs to increase reliability and reduce logistical requirements by conforming to one configuration. T64 engines will be modified to incorporate titanium nitride-coated compressor airfoils. Titanium nitride coating provides significantly improved durability and reliability for operation in austere environments. Degraded and obsolete peculiar support equipment will also be improved.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: 271 of 460 engines have been upgraded from the T64-416 to T64-416A configuration. T64-416A upgrade kits procured with FY04 Title IX Supplemental funding began installs in FY05. T64-416 and -416A engines began incorporating titanium nitride in FY04. T64-419 engines began incorporating titanium nitride in FY06. T64-413 engines began incorporating titanium nitride in FY07.

Notes:

1. The FY11 USMC AvPlan was released in October 2010 and called for the early retirement of the CH-53D, therefore TiN Kit procurement was cancelled.
2. FY11 and FY12 funding will award on same mod, FY13 funding is an option and will award upon receipt of funds.

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0528 - H-53 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): H-53 ERIP (OSIP 010-05) - 5
Models of Systems Affected: H-53 T64 Turbo-shaft engines	Type Modification: SAFETY, READINESS AND MAINTAINABILITY	Related RDT&E PEs:

Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
H-53 ERIP (OSIP 010-05)												
B Kits												
Recurring												
2.1.1) 416A CONVERSION KITS - Organic	21	2.709	-	-	-	-	-	-	-	-	-	-
2.1.2) 416A UPGRADE (GE) - Organic	84	12.357	-	-	-	-	-	-	-	-	-	-
2.1.3) AIR STARTER KITS - Organic	8	0.217	-	-	-	-	-	-	-	-	-	-
2.1.4) COMPR ROTOR SET KITS - Organic	960	0.706	-	-	-	-	-	-	-	-	-	-
2.1.5) REL IMPROV KITS (GE) - Organic	38	3.197	-	-	-	-	-	-	-	-	-	-
2.1.6) T2 HOUSING KICKSTD (GE) - Organic	933	0.152	-	-	-	-	-	-	-	-	-	-
2.1.7) T64 Comp Cases - sppt TiN - Organic	5	0.337	-	-	-	-	-	-	-	-	-	-
2.1.8) T64 ERIP Kits (ERP convert) - Organic	93	15.728	-	-	-	-	-	-	-	-	-	-
2.1.9) T64 ERIP Kits - Organic	100	15.570	-	-	-	-	-	-	-	-	-	-
2.1.10) T64 ERIP Kits (SUPP) - Organic	254	5.049	-	-	-	-	-	-	-	-	-	-
2.1.11) TIN SETS (GE) - Organic	86	20.424	-	-	-	-	-	-	-	-	-	-
2.1.12) TIN SETS (GE) SUPP - Organic	140	14.175	-	-	-	-	-	-	-	-	-	-
2.1.15) 419 TiN Kits - Organic	-	-	-	-	5	1.000	-	-	-	-	-	-
2.1.16) VG ACTUATOR KITS - Organic	1,100	0.042	-	-	-	-	-	-	-	-	-	-
2.1.19) PPC 109 Rev A Kits - Organic	115	18.059	7	1.173	29	6.026	9	1.747	-	-	9	1.747
2.1.20) PPC 109 RevA OCO - Organic	14	2.361	10	3.219	40	7.680	-	-	-	-	-	-
2.1.21) 419 Fuel Control Kits - Organic	-	-	-	-	-	-	-	-	-	-	-	-
2.1.22) 419 Fuel Control Kits-OCO - Organic	266	1.620	134	1.442	-	-	-	-	-	-	-	-
2.1.23) Fuel Nozzle Kits - Organic	-	-	-	-	26	0.946	-	-	-	-	-	-
2.1.24) 419 Fuel Pump Kits - Organic	-	-	-	-	-	-	-	-	-	-	-	-
2.1.25) 419 Fuel Pump Kits - OCO - Organic	148	0.121	94	0.145	-	-	-	-	-	-	-	-
2.1.27) Master Chip Detectors - Organic	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal Recurring</i>		112.824		5.979		15.652		1.747		0.000		1.747
NonRecurring												

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0528 - H-53 Series
Models of Systems Affected: H-53 T64 Turbo-shaft engines		Modification Nomenclature (Modification Title, Modification Number): H-53 ERIP (OSIP 010-05) - 5
Type Modification: SAFETY, READINESS AND MAINTAINABILITY		Related RDT&E PEs:

Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
2.2.1) Installation Cost-Prior Year - Organic	118	0.531	-	-	-	-	-	-	-	-	-	-
2.2.2) Installation Equipment N/R - Organic	-	3.356	-	-	-	-	-	-	-	-	-	-
<i>Subtotal NonRecurring</i>		3.887		0.000		0.000		0.000		0.000		0.000
<i>Total, H-53 ERIP (OSIP 010-05)</i>	4,483	116.711	245	5.979	100	15.652	9	1.747	-	-	9	1.747
<i>Total, All Modifications</i>		116.711		5.979		15.652		1.747		0.000		1.747
Support												
3.1) Engineering Change Orders	-	0.000	-	-	-	-	-	-	-	-	-	-
3.2) Data	-	1.005	-	-	-	-	-	-	-	-	-	-
3.3) Training Equipment	-	0.004	-	-	-	-	-	-	-	-	-	-
3.4) Training Equipment-OCO	-	0.506	-	-	-	-	-	-	-	-	-	-
3.5) Support Equipment	-	5.829	-	-	-	-	-	-	-	-	-	-
3.6) ILS	-	0.300	-	-	-	-	-	-	-	-	-	-
3.7) Other Support	-	18.676	-	4.138	-	2.888	-	3.929	-	-	-	3.929
3.8) Other Support-OCO	-	5.206	-	0.194	-	4.580	-	-	-	-	-	-
3.9) Interim Contractor Support	-	0.000	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		31.526		4.332		7.468		3.929		0.000		3.929
<i>Procurement Cost (Procurement + Support)</i>		148.237		10.311		23.120		5.676		0.000		5.676
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		148.237		10.311		23.120		5.676		0.000		5.676

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
H-53 ERIP (OSIP 010-05)												
B Kits												
Recurring												
2.1.1) 416A CONVERSION KITS - Organic	-	-	-	-	-	-	-	-	-	-	21	2.709
2.1.2) 416A UPGRADE (GE) - Organic	-	-	-	-	-	-	-	-	-	-	84	12.357

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Exhibit P-3A, Individual Modification: PB 2013 Navy								Date: February 2012				
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0528 - H-53 Series				Modification Nomenclature (<i>Modification Title, Modification Number</i>): H-53 ERIP (OSIP 010-05) - 5				
Models of Systems Affected: H-53 T64 Turbo-shaft engines			Type Modification: SAFETY, READINESS AND MAINTAINABILITY				Related RDT&E PEs:					
Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
2.1.3) AIR STARTER KITS - Organic	-	-	-	-	-	-	-	-	-	-	8	0.217
2.1.4) COMPR ROTOR SET KITS - Organic	-	-	-	-	-	-	-	-	-	-	960	0.706
2.1.5) REL IMPROV KITS (GE) - Organic	-	-	-	-	-	-	-	-	-	-	38	3.197
2.1.6) T2 HOUSING KICKSTD (GE) - Organic	-	-	-	-	-	-	-	-	-	-	933	0.152
2.1.7) T64 Comp Cases - sppt TiN - Organic	-	-	-	-	-	-	-	-	-	-	5	0.337
2.1.8) T64 ERIP Kits (ERP convert) - Organic	-	-	-	-	-	-	-	-	-	-	93	15.728
2.1.9) T64 ERIP Kits - Organic	-	-	-	-	-	-	-	-	-	-	100	15.570
2.1.10) T64 ERIP Kits (SUPP) - Organic	-	-	-	-	-	-	-	-	-	-	254	5.049
2.1.11) TIN SETS (GE) - Organic	-	-	-	-	-	-	-	-	-	-	86	20.424
2.1.12) TIN SETS (GE) SUPP - Organic	-	-	-	-	-	-	-	-	-	-	140	14.175
2.1.15) 419 TiN Kits - Organic	-	-	-	-	-	-	-	-	-	-	5	1.000
2.1.16) VG ACTUATOR KITS - Organic	-	-	-	-	-	-	-	-	-	-	1,100	0.042
2.1.19) PPC 109 Rev A Kits - Organic	15	2.999	33	6.795	14	2.828	-	-	352	76.736	574	116.363
2.1.20) PPC 109 RevA OCO - Organic	-	-	-	-	-	-	-	-	-	-	64	13.260
2.1.21) 419 Fuel Control Kits - Organic	-	-	-	-	-	-	0	0.000	238	2.618	238	2.618
2.1.22) 419 Fuel Control Kits-OCO - Organic	-	-	-	-	-	-	-	-	-	-	400	3.062
2.1.23) Fuel Nozzle Kits - Organic	-	-	-	-	100	4.180	100	4.300	544	23.392	770	32.818
2.1.24) 419 Fuel Pump Kits - Organic	-	-	-	-	-	-	0	0.000	242	0.242	242	0.242
2.1.25) 419 Fuel Pump Kits - OCO - Organic	-	-	-	-	-	-	-	-	154	0.246	396	0.512
2.1.27) Master Chip Detectors - Organic	-	-	-	-	-	-	57	0.415	713	5.000	770	5.415
<i>Subtotal Recurring</i>		2.999		6.795		7.008		4.715		108.234		265.953
NonRecurring												
2.2.1) Installation Cost-Prior Year - Organic	-	-	-	-	-	-	-	-	-	-	118	0.531
2.2.2) Installation Equipment N/R - Organic	-	-	-	-	-	-	-	-	-	-	-	3.356
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		3.887
Total, H-53 ERIP (OSIP 010-05)	15	2.999	33	6.795	114	7.008	157	4.715	2,243	108.234	7,399	269.840
Total, All Modifications		2.999		6.795		7.008		4.715		108.234		269.840
Support												

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0528 - H-53 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): H-53 ERIP (OSIP 010-05) - 5

Models of Systems Affected: H-53 T64 Turbo-shaft engines	Type Modification: SAFETY, READINESS AND MAINTAINABILITY	Related RDT&E PEs:
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
3.1) Engineering Change Orders	-	-	-	-	-	-	-	-	-	-	-	-
3.2) Data	-	-	-	-	-	-	-	-	-	-	-	1.005
3.3) Training Equipment	-	-	-	-	-	-	-	-	-	-	-	0.004
3.4) Training Equipment-OCO	-	-	-	-	-	-	-	-	-	-	-	0.506
3.5) Support Equipment	-	-	-	-	-	-	-	-	-	-	-	5.829
3.6) ILS	-	-	-	-	-	-	-	-	-	-	-	0.300
3.7) Other Support	-	3.915	-	4.033	-	3.906	-	4.100	-	9.908	-	55.493
3.8) Other Support-OCO	-	-	-	-	-	-	-	-	-	-	-	9.980
3.9) Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	-
Total Support Cost		3.915		4.033		3.906		4.100		9.908		73.117
Procurement Cost (Procurement + Support)		6.914		10.828		10.914		8.815		118.142		342.957
Total Installation Cost		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		6.914		10.828		10.914		8.815		118.142		342.957

Remarks:

Manufacturer Information: H-53 ERIP (OSIP 010-05)

Manufacturer Name: General Electric	Manufacturer Location: Lynn, MA
Administrative Leadtime (in Months): 0	Production Leadtime (in Months): 0

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates							
Delivery Dates							

Installation: H-53 ERIP (OSIP 010-05)	Method of Implementation: Not Installed - 416A CONVERSION KITS	Installation Quantity: 21
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Installation: H-53 ERIP (OSIP 010-05)	Method of Implementation: Not Installed - 416A UPGRADE (GE)	Installation Quantity: 84
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Installation: H-53 ERIP (OSIP 010-05)	Method of Implementation: Not Installed - AIR STARTER KITS	Installation Quantity: 8
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UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0528 - H-53 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): H-53 ERIP (OSIP 010-05) - 5
Models of Systems Affected: H-53 T64 Turbo-shaft engines	Type Modification: SAFETY, READINESS AND MAINTAINABILITY	Related RDT&E PEs:
Installation: H-53 ERIP (OSIP 010-05)	Method of Implementation: Organic - COMPR ROTOR SET KITS	Installation Quantity: 960
Installation: H-53 ERIP (OSIP 010-05)	Method of Implementation: Organic - REL IMPROV KITS (GE)	Installation Quantity: 38
Installation: H-53 ERIP (OSIP 010-05)	Method of Implementation: Organic - T2 HOUSING KICKSTD (GE)	Installation Quantity: 933
Installation: H-53 ERIP (OSIP 010-05)	Method of Implementation: Not Installed - T64 Comp Cases - sppt TiN	Installation Quantity: 5
Installation: H-53 ERIP (OSIP 010-05)	Method of Implementation: Organic - T64 ERIP Kits (ERP convert)	Installation Quantity: 93
Installation: H-53 ERIP (OSIP 010-05)	Method of Implementation: Organic - T64 ERIP Kits	Installation Quantity: 100
Installation: H-53 ERIP (OSIP 010-05)	Method of Implementation: Organic - T64 ERIP Kits (SUPP)	Installation Quantity: 254
Installation: H-53 ERIP (OSIP 010-05)	Method of Implementation: Organic - TIN SETS (GE)	Installation Quantity: 86
Installation: H-53 ERIP (OSIP 010-05)	Method of Implementation: Organic - TIN SETS (GE) SUPP	Installation Quantity: 140
Installation: H-53 ERIP (OSIP 010-05)	Method of Implementation: Organic - 419 TiN Kits	Installation Quantity: 5
Installation: H-53 ERIP (OSIP 010-05)	Method of Implementation: Organic - VG ACTUATOR KITS	Installation Quantity: 1100
Installation: H-53 ERIP (OSIP 010-05)	Method of Implementation: Organic - PPC 109 Rev A Kits	Installation Quantity: 574
Installation: H-53 ERIP (OSIP 010-05)	Method of Implementation: Organic - PPC 109 RevA OCO	Installation Quantity: 64
Installation: H-53 ERIP (OSIP 010-05)	Method of Implementation: Not Installed - 419 Fuel Control Kits	Installation Quantity: 238
Installation: H-53 ERIP (OSIP 010-05)	Method of Implementation: Organic - 419 Fuel Control Kits-OCO	Installation Quantity: 400
Installation: H-53 ERIP (OSIP 010-05)	Method of Implementation: Organic - Fuel Nozzle Kits	Installation Quantity: 770

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0528 - H-53 Series	Modification Nomenclature <i>(Modification Title, Modification Number):</i> H-53 ERIP (OSIP 010-05) - 5
Models of Systems Affected: H-53 T64 Turbo-shaft engines	Type Modification: SAFETY, READINESS AND MAINTAINABILITY	Related RDT&E PEs:
Installation: H-53 ERIP (OSIP 010-05)	Method of Implementation: Organic - 419 Fuel Pump Kits	Installation Quantity: 242
Installation: H-53 ERIP (OSIP 010-05)	Method of Implementation: Organic - 419 Fuel Pump Kits - OCO	Installation Quantity: 396
Installation: H-53 ERIP (OSIP 010-05)	Method of Implementation: Organic - Master Chip Detectors	Installation Quantity: 770
Installation: H-53 ERIP (OSIP 010-05)	Method of Implementation: Not Installed - Installation Cost-Prior Year	Installation Quantity: 118

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0528 - H-53 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): H-53 SURVIVABILITY (OSIP 015-05) (formerly Medivac) - 6

Models of Systems Affected: CH-53D(36), CH-53E(152), MH-53E(31), 219 Total	Type Modification: SAFETY, READINESS AND MAINTAINABILITY	Related RDT&E PEs:
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	88.972	17.748	28.768	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	135.488
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	88.972	17.748	28.768	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	135.488
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	88.972	17.748	28.768	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	135.488
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

This funding effort is established for procurement and integration of survivability systems that will improve H53 aircrew and passengers against hostile threats through more effective self-defense methods. The H53 survivability strategy is to upgrade threat detection ability, increase countermeasure capability, reduce vulnerability, enhance situational awareness by communicating aircraft position to deconflict with friendly forces in the area of operation, and improve vulnerability to battle damage by better developing protection for both the aircrew and critical components. This increased survivability will protect the H-53 during all aspects of its various missions; assault support, shipboard delivery of cargo, anti-mine warfare, casualty transport/Medivac, and heavy cargo transport.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: Aircraft Survivability Equipment (ASE) effort (8 aircraft) completed Aug 2008. Blue Force Tracker (BFT) fully equipped aircraft deployment completed June 2008. BFT is an Army ACAT IC program, encryption and L-band enhancements are anticipated.

Notes:

1. Installation of QTY (152) VDE A-kits (procured in VDE OSIP 20-07 with FY10 OCO) are occurring simultaneously with BFT installs. Prior Year QTY (46), FY11 QTY (46), FY12 QTY (20) OCO funding in Survivability OSIP 15-05. Remaining installs will be completed in FY13 QTY (40), with OCO funding in Avionics OSIP 31-12.
2. Installation of remaining BFT installs will be completed in FY13 (QTY 40), with OCO funding in Avionics OSIP 31-12. Provisioning for encryption device also provides for the incidental installation of VDE A-kit from OSIP 20-07.
3. Quantity of (5) SMFCD (3 production kits, 1 validation kit, 1 verification kit) procured with FY10 supplemental (via ATR Oct 10) are installed in FY12.
4. Remaining QTY (129) Smart Multi Function Color Display (SMFCD) will be procured (to complete) in Avionics OSIP (31-12).
5. FY11 GENF funding was released for execution based on the Omnibus 2011 II prior approval reprogramming action (FY11-25 PA) on 11-7-11 as part of USMC Helicopter Survivability Task Force initiative (HSTF). This funding supports kits and installations of SMFCD on (25) additional CH 53Es. The installations will occur in FY12 .

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0528 - H-53 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): H-53 SURVIVABILITY (OSIP 015-05) (formerly Medivac) - 6

Models of Systems Affected: CH-53D(36), CH-53E(152), MH-53E(31), 219 Total	Type Modification: SAFETY, READINESS AND MAINTAINABILITY	Related RDT&E PEs:
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
H-53 SURVIVABILITY (OSIP 015-05) (formerly Medivac)												
A Kits												
Recurring												
1.1.1) BFT A Kits (CH-53) - NonOrganic	81	2.750	-	-	-	-	-	-	-	-	-	-
1.1.2) BFT A Kits (CH-53) (ESAD) - NonOrganic	1	0.028	-	-	-	-	-	-	-	-	-	-
1.1.3) BFT A Kits CH-53 (SUPP) - NonOrganic	252	1.708	-	-	-	-	-	-	-	-	-	-
1.1.4) BFT A Kits CH-53 (OCO) - NonOrganic	-	-	-	-	20	19.809	-	-	-	-	-	-
1.1.5) BFT A Kits (MH-53) - NonOrganic	13	0.412	-	-	-	-	-	-	-	-	-	-
1.1.6) BFT A Kits (MH-53) SUPP - NonOrganic	18	0.568	-	-	-	-	-	-	-	-	-	-
1.1.7) H-53 NVD Kits - Organic	355	0.086	-	-	-	-	-	-	-	-	-	-
1.1.8) MH ASE Suite A-kits - Organic	30	2.403	-	-	-	-	-	-	-	-	-	-
1.1.9) MH-53E ASE Prerequisite Kits - Organic	20	0.112	-	-	-	-	-	-	-	-	-	-
1.1.10) MH-53E ASE Prerequisite Kits SUPP - Organic	150	0.263	-	-	-	-	-	-	-	-	-	-
1.1.11) CH-53E CSA A Kits-OCO - NonOrganic	132	1.540	-	-	22	1.540	-	-	-	-	-	-
1.1.12) SMFCD A Kits - NonOrganic	-	-	25	6.750	-	-	-	-	-	-	-	-
1.1.13) SMFCD A Kits-OCO - NonOrganic	5	2.100	-	-	-	-	-	-	-	-	-	-
Subtotal Recurring		11.970		6.750		21.349		0.000		0.000		0.000
NonRecurring												
1.2.1) Installation Kits-N/R - Organic	-	0.548	-	-	-	-	-	-	-	-	-	-
1.2.2) Installation Kits-N/R OCO - Organic	-	7.308	-	-	-	-	-	-	-	-	-	-
Subtotal NonRecurring		7.856		0.000		0.000		0.000		0.000		0.000
B Kits												
Recurring												
2.1.1) BFT B Kits (CH-53) - Organic	113	4.044	-	-	-	-	-	-	-	-	-	-
2.1.2) BFT B Kits (CH-53) (SUPP) - Organic	248	9.776	-	-	-	-	-	-	-	-	-	-
2.1.3) BFT B Kits (MH-53) - Organic	34	1.031	-	-	-	-	-	-	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0528 - H-53 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): H-53 SURVIVABILITY (OSIP 015-05) (formerly Medivac) - 6

Models of Systems Affected: CH-53D(36), CH-53E(152), MH-53E(31), 219 Total	Type Modification: SAFETY, READINESS AND MAINTAINABILITY	Related RDT&E PEs:
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
2.1.4) BFT B Kits - Organic	39	2.279	-	-	-	-	-	-	-	-	-	-
2.1.5) MH AAR-47 (P-Kit) - Organic	31	1.466	-	-	-	-	-	-	-	-	-	-
2.1.6) MH ALE-47 (P-kit) - Organic	124	0.591	-	-	-	-	-	-	-	-	-	-
2.1.7) SPARES - Organic	10	0.500	-	-	-	-	-	-	-	-	-	-
2.1.8) CH-53E CSA B Kits-OCO - Organic	50	11.224	-	-	25	4.675	-	-	-	-	-	-
2.1.9) SMFCD B kits-OCO - Organic	5	0.925	-	-	-	-	-	-	-	-	-	-
2.1.10) SMFCD B Kits (Val/Ver)-OCO - Organic	2	0.370	-	-	-	-	-	-	-	-	-	-
<i>Subtotal Recurring</i>		32.206		0.000		4.675		0.000		0.000		0.000
NonRecurring												
2.2.2) Installation Equipment N/R-OCO - Organic	-	2.807	-	-	-	-	-	-	-	-	-	-
<i>Subtotal NonRecurring</i>		2.807		0.000		0.000		0.000		0.000		0.000
<i>Total, H-53 SURVIVABILITY (OSIP 015-05) (formerly Medivac)</i>	1,713	54.839	25	6.750	67	26.024	-	-	-	-	-	-
Total, All Modifications		54.839		6.750		26.024		0.000		0.000		0.000
Support												
3.1) Engineering Change Orders	-	0.050	-	-	-	-	-	-	-	-	-	-
3.2) Engineering Change Orders - OCO	-	0.000	-	-	-	-	-	-	-	-	-	-
3.3) Data	-	0.996	-	-	-	-	-	-	-	-	-	-
3.4) Data - OCO	-	0.262	-	0.411	-	-	-	-	-	-	-	-
3.5) Software	-	0.000	-	-	-	-	-	-	-	-	-	-
3.6) Software - OCO	-	0.459	-	-	-	-	-	-	-	-	-	-
3.7) Training Equipment	-	0.693	-	-	-	-	-	-	-	-	-	-
3.8) Training Equipment - OCO	-	2.942	-	-	-	-	-	-	-	-	-	-
3.9) Support Equipment	-	0.320	-	-	-	-	-	-	-	-	-	-
3.10) ILS	-	1.275	-	-	-	-	-	-	-	-	-	-
3.11) Other Support	-	11.935	-	2.756	-	-	-	-	-	-	-	-
3.12) Other Support - OCO (CSA)	-	2.798	-	-	-	-	-	-	-	-	-	-
3.13) Other Support - OCO	-	1.267	-	3.337	-	-	-	-	-	-	-	-

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0528 - H-53 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): H-53 SURVIVABILITY (OSIP 015-05) (formerly Medivac) - 6

Models of Systems Affected: CH-53D(36), CH-53E(152), MH-53E(31), 219 Total	Type Modification: SAFETY, READINESS AND MAINTAINABILITY	Related RDT&E PEs:
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
3.14) Interim Contractor Support	-	1.500	-	-	-	-	-	-	-	-	-	-
Total Support Cost		24.497		6.504		0.000		0.000		0.000		0.000
Procurement Cost (Procurement + Support)		79.336		13.254		26.024		0.000		0.000		0.000
Total Installation Cost		9.636		4.494		2.744		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		88.972		17.748		28.768		0.000		0.000		0.000

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
H-53 SURVIVABILITY (OSIP 015-05) (formerly Medivac)												
A Kits												
Recurring												
1.1.1) BFT A Kits (CH-53) - NonOrganic	-	-	-	-	-	-	-	-	-	-	81	2.750
1.1.2) BFT A Kits (CH-53) (ESAD) - NonOrganic	-	-	-	-	-	-	-	-	-	-	1	0.028
1.1.3) BFT A Kits CH-53 (SUPP) - NonOrganic	-	-	-	-	-	-	-	-	-	-	252	1.708
1.1.4) BFT A Kits CH-53 (OCO) - NonOrganic	-	-	-	-	-	-	-	-	-	-	20	19.809
1.1.5) BFT A Kits (MH-53) - NonOrganic	-	-	-	-	-	-	-	-	-	-	13	0.412
1.1.6) BFT A Kits (MH-53) SUPP - NonOrganic	-	-	-	-	-	-	-	-	-	-	18	0.568
1.1.7) H-53 NVD Kits - Organic	-	-	-	-	-	-	-	-	-	-	355	0.086
1.1.8) MH ASE Suite A-kits - Organic	-	-	-	-	-	-	-	-	-	-	30	2.403
1.1.9) MH-53E ASE Prerequisite Kits - Organic	-	-	-	-	-	-	-	-	-	-	20	0.112
1.1.10) MH-53E ASE Prerequisite Kits SUPP - Organic	-	-	-	-	-	-	-	-	-	-	150	0.263
1.1.11) CH-53E CSA A Kits-OCO - NonOrganic	-	-	-	-	-	-	-	-	-	-	154	3.080
1.1.12) SMFCD A Kits - NonOrganic	-	-	-	-	-	-	-	-	-	-	25	6.750
1.1.13) SMFCD A Kits-OCO - NonOrganic	-	-	-	-	-	-	-	-	-	-	5	2.100
Subtotal Recurring		0.000		0.000		0.000		0.000		0.000		40.069
NonRecurring												

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0528 - H-53 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): H-53 SURVIVABILITY (OSIP 015-05) (formerly Medivac) - 6

Models of Systems Affected: CH-53D(36), CH-53E(152), MH-53E(31), 219 Total	Type Modification: SAFETY, READINESS AND MAINTAINABILITY	Related RDT&E PEs:
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
1.2.1) Installation Kits-N/R - Organic	-	-	-	-	-	-	-	-	-	-	-	0.548	
1.2.2) Installation Kits-N/R OCO - Organic	-	-	-	-	-	-	-	-	-	-	-	7.308	
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		7.856	
B Kits													
Recurring													
2.1.1) BFT B Kits (CH-53) - Organic	-	-	-	-	-	-	-	-	-	-	-	113	4.044
2.1.2) BFT B Kits (CH-53) (SUPP) - Organic	-	-	-	-	-	-	-	-	-	-	-	248	9.776
2.1.3) BFT B Kits (MH-53) - Organic	-	-	-	-	-	-	-	-	-	-	-	34	1.031
2.1.4) BFT B Kits - Organic	-	-	-	-	-	-	-	-	-	-	-	39	2.279
2.1.5) MH AAR-47 (P-Kit) - Organic	-	-	-	-	-	-	-	-	-	-	-	31	1.466
2.1.6) MH ALE-47 (P-kit) - Organic	-	-	-	-	-	-	-	-	-	-	-	124	0.591
2.1.7) SPARES - Organic	-	-	-	-	-	-	-	-	-	-	-	10	0.500
2.1.8) CH-53E CSA B Kits-OCO - Organic	-	-	-	-	-	-	-	-	-	-	-	75	15.899
2.1.9) SMFCD B kits-OCO - Organic	-	-	-	-	-	-	-	-	-	-	-	5	0.925
2.1.10) SMFCD B Kits (Val/Ver)-OCO - Organic	-	-	-	-	-	-	-	-	-	-	-	2	0.370
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		36.881	
NonRecurring													
2.2.2) Installation Equipment N/R-OCO - Organic	-	-	-	-	-	-	-	-	-	-	-	-	2.807
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		2.807	
<i>Total, H-53 SURVIVABILITY (OSIP 015-05) (formerly Medivac)</i>	-	-	-	-	-	-	-	-	-	-	-	1,805	87.613
<i>Total, All Modifications</i>		0.000		0.000		0.000		0.000		0.000		87.613	
Support													
3.1) Engineering Change Orders	-	-	-	-	-	-	-	-	-	-	-	-	0.050
3.2) Engineering Change Orders - OCO	-	-	-	-	-	-	-	-	-	-	-	-	-
3.3) Data	-	-	-	-	-	-	-	-	-	-	-	-	0.996
3.4) Data - OCO	-	-	-	-	-	-	-	-	-	-	-	-	0.673
3.5) Software	-	-	-	-	-	-	-	-	-	-	-	-	-

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0528 - H-53 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): H-53 SURVIVABILITY (OSIP 015-05) (formerly Medivac) - 6

Models of Systems Affected: CH-53D(36), CH-53E(152), MH-53E(31), 219 Total	Type Modification: SAFETY, READINESS AND MAINTAINABILITY	Related RDT&E PEs:
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
3.6) Software - OCO	-	-	-	-	-	-	-	-	-	-	-	0.459
3.7) Training Equipment	-	-	-	-	-	-	-	-	-	-	-	0.693
3.8) Training Equipment - OCO	-	-	-	-	-	-	-	-	-	-	-	2.942
3.9) Support Equipment	-	-	-	-	-	-	-	-	-	-	-	0.320
3.10) ILS	-	-	-	-	-	-	-	-	-	-	-	1.275
3.11) Other Support	-	-	-	-	-	-	-	-	-	-	-	14.691
3.12) Other Support - OCO (CSA)	-	-	-	-	-	-	-	-	-	-	-	2.798
3.13) Other Support - OCO	-	-	-	-	-	-	-	-	-	-	-	4.604
3.14) Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	1.500
Total Support Cost		0.000		0.000		0.000		0.000		0.000		31.001
Procurement Cost (Procurement + Support)		0.000		0.000		0.000		0.000		0.000		118.614
Total Installation Cost		0.000		0.000		0.000		0.000		0.000		16.874
Total Cost (Procurement + Support + Installation)		0.000		0.000		0.000		0.000		0.000		135.488

Remarks:

Manufacturer Information: H-53 SURVIVABILITY (OSIP 015-05) (formerly Medivac)

Manufacturer Name: Lockheed Martin-BFT				Manufacturer Location: Lexington, KY			
Administrative Leadtime (in Months): 8				Production Leadtime (in Months): 1			
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates		May 2012					
Delivery Dates		Jun 2012					

Manufacturer Name: LifePort Inc-CSA				Manufacturer Location: Woodland, WA			
Administrative Leadtime (in Months): 3				Production Leadtime (in Months): 3			
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates		Jan 2012					
Delivery Dates		Apr 2012					

Manufacturer Name: Raytheon-SMFCD				Manufacturer Location: Indianapolis, IN			
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UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0528 - H-53 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): H-53 SURVIVABILITY (OSIP 015-05) (formerly Medivac) - 6

Models of Systems Affected: CH-53D(36), CH-53E(152), MH-53E(31), 219 Total	Type Modification: SAFETY, READINESS AND MAINTAINABILITY	Related RDT&E PEs:
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Manufacturer Information: H-53 SURVIVABILITY (OSIP 015-05) (formerly Medivac)

Administrative Leadtime (*in Months*): 0 Production Leadtime (*in Months*): 0

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates							
Delivery Dates							

Installation: H-53 SURVIVABILITY (OSIP 015-05) (formerly Medivac)	Method of Implementation: CONTRACTOR FIELD MOD TEAM	Installation Name: H-53 SURVIVABILITY (OSIP 15-05) formerly Medivac (BFT)
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	319	6.559	46	3.272	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	20	2.660	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	319	6.559	46	3.272	20	2.660	-	-	-	-	-	-

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	365	9.831
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	20	2.660
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0528 - H-53 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): H-53 SURVIVABILITY (OSIP 015-05) (formerly Medivac) - 6

Models of Systems Affected: CH-53D(36), CH-53E(152), MH-53E(31), 219 Total	Type Modification: SAFETY, READINESS AND MAINTAINABILITY	Related RDT&E PEs:
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Installation: H-53 SURVIVABILITY (OSIP 015-05) (formerly Medivac)	Method of Implementation: CONTRACTOR FIELD MOD TEAM	Installation Name: H-53 SURVIVABILITY (OSIP 15-05) formerly Medivac (BFT)
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Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	385	12.491

Installation Schedule																															
APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot	
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4			
In	319	12	12	12	10	-	-	10	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	385
Out	319	12	12	12	10	-	-	10	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	385

Installation: H-53 SURVIVABILITY (OSIP 015-05) (formerly Medivac)	Method of Implementation: CONTRACTOR FIELD MOD TEAM	Installation Name: H-53 SURVIVABILITY (OSIP 15-05) formerly Medivac (CSA)
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	114	2.977	18	0.472	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	22	0.084	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0528 - H-53 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): H-53 SURVIVABILITY (OSIP 015-05) (formerly Medivac) - 6

Models of Systems Affected: CH-53D(36), CH-53E(152), MH-53E(31), 219 Total	Type Modification: SAFETY, READINESS AND MAINTAINABILITY	Related RDT&E PEs:
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Installation: H-53 SURVIVABILITY (OSIP 015-05) (formerly Medivac)	Method of Implementation: CONTRACTOR FIELD MOD TEAM	Installation Name: H-53 SURVIVABILITY (OSIP 15-05) formerly Medivac (CSA)
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Total	114	2.977	18	0.472	22	0.084	-	-	-	-	-	-

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	132	3.449
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	22	0.084
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	154	3.533

Installation Schedule																																
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot	
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4			
In	114	4	5	5	4	-	-	11	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	154
Out	114	4	5	5	4	-	-	11	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	154

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0528 - H-53 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): H-53 SURVIVABILITY (OSIP 015-05) (formerly Medivac) - 6
Models of Systems Affected: CH-53D(36), CH-53E(152), MH-53E(31), 219 Total	Type Modification: SAFETY, READINESS AND MAINTAINABILITY	Related RDT&E PEs:

Installation: H-53 SURVIVABILITY (OSIP 015-05) (formerly Medivac)	Method of Implementation: CONTRACTOR FIELD MOD TEAM	Installation Name: H-53 SURVIVABILITY (OSIP 15-05) formerly Medivac (SMFCD)
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	0	0.100	-	-	5	0.000	-	-	-	-	-	-
FY 2011	-	-	0	0.750	25	0.000	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	0	0.100	0	0.750	30	0.000	-	-	-	-	-	-

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	5	0.100
FY 2011	-	-	-	-	-	-	-	-	-	-	25	0.750
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	30	0.850

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0528 - H-53 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): H-53 SURVIVABILITY (OSIP 015-05) (formerly Medivac) - 6

Models of Systems Affected: CH-53D(36), CH-53E(152), MH-53E(31), 219 Total	Type Modification: SAFETY, READINESS AND MAINTAINABILITY	Related RDT&E PEs:
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Installation: H-53 SURVIVABILITY (OSIP 015-05) (formerly Medivac)	Method of Implementation: CONTRACTOR FIELD MOD TEAM	Installation Name: H-53 SURVIVABILITY (OSIP 15-05) formerly Medivac (SMFCD)
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Installation Schedule																																
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot	
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4			
In	-	-	-	-	-	-	1	10	19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	30
Out	-	-	-	-	-	-	1	10	19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	30

Installation: H-53 SURVIVABILITY (OSIP 015-05) (formerly Medivac)	Method of Implementation: Not Installed - H-53 NVD Kits	Installation Quantity: 355
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Installation: H-53 SURVIVABILITY (OSIP 015-05) (formerly Medivac)	Method of Implementation: Not Installed - MH ASE Suite A-kits	Installation Quantity: 30
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Installation: H-53 SURVIVABILITY (OSIP 015-05) (formerly Medivac)	Method of Implementation: Not Installed - MH-53E ASE Prerequisite Kits	Installation Quantity: 20
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Installation: H-53 SURVIVABILITY (OSIP 015-05) (formerly Medivac)	Method of Implementation: Not Installed - MH-53E ASE Prerequisite Kits SUPP	Installation Quantity: 150
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Installation: H-53 SURVIVABILITY (OSIP 015-05) (formerly Medivac)	Method of Implementation: Not Installed - BFT B Kits (CH-53)	Installation Quantity: 113
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Installation: H-53 SURVIVABILITY (OSIP 015-05) (formerly Medivac)	Method of Implementation: Not Installed - BFT B Kits (CH-53) (SUPP)	Installation Quantity: 248
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Installation: H-53 SURVIVABILITY (OSIP 015-05) (formerly Medivac)	Method of Implementation: Not Installed - BFT B Kits (MH-53)	Installation Quantity: 34
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Installation: H-53 SURVIVABILITY (OSIP 015-05) (formerly Medivac)	Method of Implementation: Not Installed - BFT B Kits	Installation Quantity: 39
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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0528 - H-53 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): H-53 SURVIVABILITY (OSIP 015-05) (formerly Medivac) - 6
Models of Systems Affected: CH-53D(36), CH-53E(152), MH-53E(31), 219 Total	Type Modification: SAFETY, READINESS AND MAINTAINABILITY	Related RDT&E PEs:
Installation: H-53 SURVIVABILITY (OSIP 015-05) (formerly Medivac)	Method of Implementation: Not Installed - MH AAR-47 (P-Kit)	Installation Quantity: 31
Installation: H-53 SURVIVABILITY (OSIP 015-05) (formerly Medivac)	Method of Implementation: Not Installed - MH ALE-47 (P-kit)	Installation Quantity: 124
Installation: H-53 SURVIVABILITY (OSIP 015-05) (formerly Medivac)	Method of Implementation: Not Installed - SPARES	Installation Quantity: 10
Installation: H-53 SURVIVABILITY (OSIP 015-05) (formerly Medivac)	Method of Implementation: Not Installed - CH-53E CSA B Kits-OCO	Installation Quantity: 75
Installation: H-53 SURVIVABILITY (OSIP 015-05) (formerly Medivac)	Method of Implementation: Not Installed - SMFCD B kits-OCO	Installation Quantity: 5
Installation: H-53 SURVIVABILITY (OSIP 015-05) (formerly Medivac)	Method of Implementation: Not Installed - SMFCD B Kits (Val/Ver)- OCO	Installation Quantity: 2

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0528 - H-53 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): H-53 A/C SUSTAINMENT (OSIP 008-06) - 7

Models of Systems Affected: CH-53D (36), CH-53E (152), MH-53E (31), 219 Total	Type Modification: MISSION/PERFORMANCE SUSTAINMENT	Related RDT&E PEs:
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	137.998	9.110	51.940	27.786	9.000	36.786	30.292	21.174	10.886	13.096	134.154	445.436
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	137.998	9.110	51.940	27.786	9.000	36.786	30.292	21.174	10.886	13.096	134.154	445.436
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	137.998	9.110	51.940	27.786	9.000	36.786	30.292	21.174	10.886	13.096	134.154	445.436

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The H-53 Aircraft are included in the Headquarters Marine Corps Aviation Plan through CY 2025. The H-53 Aircraft Sustainment Strategy targets initiatives to remedy the top age-related maintenance degraders, fatigue life limiters, and safety issues that impede the aircraft's ability to operate into the future. This program implements a concentrated effort to utilize improvements to the H-53 component obsolescence (e.g. Engine Air Particle Separator (EAPS) redesign), structural limitations (e.g. transition bulkhead and station 820 structural improvement), aircrew safety systems and program sustainment support. This effort will sustain the H-53 legacy fleet in an affordable manner until the H-53 follow-on aircraft becomes available.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: The H-53 Sustainment Program Acquisition Strategy was approved by PEO(A) in March 2006, to be executed as four Abbreviated Acquisition Programs (AAPs) for (1) Fatigue, (2) Obsolescence, (3) Readiness, and (4) Safety. Each AAP consists of several independent projects, each of which has an independent platform effectivity, acquisition strategy, production lead time, production rate and quantity, and installation approach. Thus, they are not amenable to a "block upgrade" type approach. Each year of the program will involve non-recurring engineering (NRE) on some projects, leading to production and installation in out-years. Other projects require little or no NRE and can be acquired and installed quickly during maintenance.

Notes:

1. Station 820 kits were procured with other prior year funding. Installation costs are funded in this OSIP.
2. EAPS A Kits are QTY (3) per aircraft.
3. EAPS QTY (321) kits procured in FY10 with OCO funds are installed in FY12.

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0528 - H-53 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): H-53 A/C SUSTAINMENT (OSIP 008-06) - 7

Models of Systems Affected: CH-53D (36), CH-53E (152), MH-53E (31), 219 Total	Type Modification: MISSION/PERFORMANCE SUSTAINMENT	Related RDT&E PEs:
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
H-53 A/C SUSTAINMENT (OSIP 008-06)												
A Kits												
Recurring												
1.1.1) #2 Engine Backflow (CH/MH-E) - NonOrganic	200	0.555	20	0.620	22	0.800	-	-	-	-	-	-
1.1.2) Aircrew Cooling - NonOrganic	49	1.359	-	-	-	-	-	-	-	-	-	-
1.1.3) CH-53E Aircrew Cooling GEN II OCO - NonOrganic	15	0.083	-	-	-	-	-	-	-	-	-	-
1.1.4) CH-53E Aircrew Cooling GEN II REV OCO - NonOrganic	50	1.200	-	-	-	-	-	-	-	-	-	-
1.1.5) CH-53Aircrew Cooling OCO - NonOrganic	59	1.199	-	-	-	-	-	-	-	-	-	-
1.1.6) Arc Fault Circuit Break (H-53) - Organic	433	2.586	-	-	-	-	-	-	-	-	-	-
1.1.7) Cooling Shroud Kits - Organic	50	0.138	-	-	-	-	-	-	-	-	-	-
1.1.8) Common GCU Ship Sets (H-53) - NonOrganic	-	-	30	0.624	30	0.638	-	-	-	-	-	-
1.1.9) CH-53E EAPS Seal - OCO - NonOrganic	-	-	-	-	40	0.880	-	-	-	-	-	-
1.1.11) CH-53 EAPS Bypass - OCO - NonOrganic	321	4.435	-	-	-	-	-	-	-	-	-	-
1.1.13) EAPS Improv Kits (CH/MH-E) - NonOrganic	-	-	-	-	-	-	108	1.145	-	-	108	1.145
1.1.14) Emergency Egress Light (H-53) - Organic	219	0.457	-	-	-	-	-	-	-	-	-	-
1.1.15) Engine Sling Kits - Organic	60	0.332	-	-	-	-	-	-	-	-	-	-
1.1.16) Engine Start Valve Kits - Organic	-	-	-	-	-	-	-	-	-	-	-	-
1.1.17) Gyro Replacment (CH-53D) - Organic	40	1.432	-	-	-	-	-	-	-	-	-	-
1.1.18) Gyro Replacement (CH--D) Supp - Organic	32	1.145	-	-	-	-	-	-	-	-	-	-
1.1.19) Kapton Wiring Kits (H-53) - NonOrganic	105	6.376	-	-	13	6.200	-	-	-	-	-	-
1.1.20) Kapton Wiring Kits (H-53) Supp - NonOrganic	35	8.685	-	-	-	-	-	-	-	-	-	-
1.1.21) Kapton Wiring Kits (H-53) OCO - NonOrganic	54	8.504	-	-	24	14.900	-	-	17	3.400	17	3.400
1.1.22) MRH Weight Bracket Supp - Organic	2	0.125	-	-	-	-	-	-	-	-	-	-
1.1.23) NGB Improved Seal Kits (H-53) - Organic	456	3.230	-	-	-	-	-	-	-	-	-	-
1.1.24) NLG Door Bracket (H-53) - Organic	220	0.268	-	-	-	-	-	-	-	-	-	-
1.1.25) Obsolescent Components (H-53) - NonOrganic	131	2.384	8	0.411	38	1.916	-	-	-	-	-	-

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0528 - H-53 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): H-53 A/C SUSTAINMENT (OSIP 008-06) - 7

Models of Systems Affected: CH-53D (36), CH-53E (152), MH-53E (31), 219 Total	Type Modification: MISSION/PERFORMANCE SUSTAINMENT	Related RDT&E PEs:
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
1.1.26) Ramp Conversion Kits - Organic	35	0.015	-	-	-	-	-	-	-	-	-	-
1.1.27) Soundproofing Retention Kits - Organic	-	-	-	-	-	-	-	-	-	-	-	-
1.1.28) Station 820 bulkhead - H-53 A/C SUSTAINMENT (OSIP 008-06) - Organic	161	0.862	-	-	-	-	-	-	-	-	-	-
1.1.29) Transition Bulkhead (CH/MH-E) - NonOrganic	67	5.100	15	1.425	11	1.078	12	0.900	-	-	12	0.900
1.1.30) #6 TRDS Fitting Kiet (CH/MH-E) - Organic	37	0.138	-	-	-	-	-	-	-	-	-	-
1.1.31) Wiring diagnostics Kits (H-53) - Organic	5	0.447	-	-	-	-	-	-	-	-	-	-
<i>Subtotal Recurring</i>		51.055		3.080		26.412		2.045		3.400		5.445
NonRecurring												
1.2.1) Installation Kits (including AFCS) - Organic	-	8.124	-	-	-	13.472	-	16.493	-	-	-	16.493
<i>Subtotal NonRecurring</i>		8.124		0.000		13.472		16.493		0.000		16.493
B Kits												
Recurring												
2.1.1) CH-53D HEELS B KITS - Organic	2	0.021	-	-	-	-	-	-	-	-	-	-
2.1.2) CH-53E HEELS B KITS - Organic	2	0.021	-	-	-	-	-	-	-	-	-	-
2.1.3) Aircrew Cooling B Kits - Organic	599	3.359	-	-	-	-	-	-	-	-	-	-
2.1.4) CH-53E Aircrew Cooling OCO - Organic	32	0.193	-	-	-	-	-	-	-	-	-	-
2.1.5) Aircrew Cooling Garments - Organic	172	0.076	-	-	-	-	-	-	-	-	-	-
2.1.6) Electric Cargo Winch - Organic	20	3.063	-	-	-	-	-	-	-	-	-	-
2.1.7) H-53 HEES (Cong) - Organic	216	1.853	-	-	-	-	-	-	-	-	-	-
2.1.8) Improved GCU - Organic	-	-	-	-	-	-	-	-	-	-	-	-
2.1.9) IRB SUPP - Organic	92	7.256	-	-	-	-	-	-	-	-	-	-
2.1.10) MH-53E HEELS - Organic	2	0.042	-	-	-	-	-	-	-	-	-	-
2.1.11) Ramp Cables - Organic	120	0.015	-	-	-	-	-	-	-	-	-	-
2.1.12) Rotor Blade Coating (H-53) - Organic	-	-	-	-	13	1.900	-	-	-	-	-	-
2.1.13) Rotor Blade Coating (H53) - OCO - Organic	-	-	-	-	40	2.895	-	-	-	-	-	-
2.1.14) CH-53E Single Point Pendant Box Kits (SPPB) - Organic	-	-	-	-	40	0.604	-	-	-	-	-	-

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0528 - H-53 Series	Modification Nomenclature (Modification Title, Modification Number): H-53 A/C SUSTAINMENT (OSIP 008-06) - 7

Models of Systems Affected: CH-53D (36), CH-53E (152), MH-53E (31), 219 Total	Type Modification: MISSION/PERFORMANCE SUSTAINMENT	Related RDT&E PEs:
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
<i>Subtotal Recurring</i>		15.899		0.000		5.399		0.000		0.000		0.000
NonRecurring												
2.2.1) Installation Cost - Prior Year - Organic	-	3.552	-	-	-	-	-	-	-	-	-	-
2.2.2) Installation Equipment - Organic	-	0.072	-	-	-	-	-	-	-	-	-	-
<i>Subtotal NonRecurring</i>		3.624		0.000		0.000		0.000		0.000		0.000
<i>Total, H-53 A/C SUSTAINMENT (OSIP 008-06)</i>	4,093	78.702	73	3.080	271	45.283	120	18.538	17	3.400	137	21.938
<i>Total, All Modifications</i>		78.702		3.080		45.283		18.538		3.400		21.938
Support												
3.1) Engineering Change Orders	-	0.000	-	-	-	-	-	-	-	-	-	-
3.2) Data - OCO	-	0.000	-	-	-	-	-	-	-	-	-	-
3.3) Data	-	1.419	-	0.173	-	0.189	-	0.350	-	-	-	0.350
3.4) Training Equipment	6	0.030	-	-	-	-	-	-	-	-	-	-
3.5) Training Equipment - OCO	-	0.000	-	-	-	-	-	-	-	-	-	-
3.6) Support Equipment	-	4.097	-	-	-	-	-	0.085	-	-	-	0.085
3.7) ILS	-	2.921	-	-	-	-	-	-	-	-	-	-
3.8) Other Support	-	38.004	-	3.287	-	2.849	-	6.828	-	-	-	6.828
3.9) Other Support - OCO	-	0.537	-	-	-	1.188	-	-	-	-	-	-
3.10) Interim Contractor support	-	0.270	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		47.278		3.460		4.226		7.263		0.000		7.263
<i>Procurement Cost (Procurement + Support)</i>		125.980		6.540		49.509		25.801		3.400		29.201
<i>Total Installation Cost</i>		12.018		2.570		2.431		1.985		5.600		7.585
Total Cost (Procurement + Support + Installation)		137.998		9.110		51.940		27.786		9.000		36.786

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
H-53 A/C SUSTAINMENT (OSIP 008-06)												

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0528 - H-53 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): H-53 A/C SUSTAINMENT (OSIP 008-06) - 7

Models of Systems Affected: CH-53D (36), CH-53E (152), MH-53E (31), 219 Total	Type Modification: MISSION/PERFORMANCE SUSTAINMENT	Related RDT&E PEs:
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
A Kits												
Recurring												
1.1.1) #2 Engine Backflow (CH/MH-E) - NonOrganic	-	-	-	-	-	-	-	-	-	-	242	1.975
1.1.2) Aircrew Cooling - NonOrganic	-	-	-	-	-	-	-	-	-	-	49	1.359
1.1.3) CH-53E Aircrew Cooling GEN II OCO - NonOrganic	-	-	-	-	-	-	-	-	-	-	15	0.083
1.1.4) CH-53E Aircrew Cooling GEN II REV OCO - NonOrganic	-	-	-	-	-	-	-	-	-	-	50	1.200
1.1.5) CH-53Aircrew Cooling OCO - NonOrganic	-	-	-	-	-	-	-	-	-	-	59	1.199
1.1.6) Arc Fault Circuit Break (H-53) - Organic	-	-	-	-	-	-	-	-	45	1.800	478	4.386
1.1.7) Cooling Shroud Kits - Organic	-	-	-	-	-	-	-	-	-	-	50	0.138
1.1.8) Common GCU Ship Sets (H-53) - NonOrganic	-	-	-	-	-	-	-	-	123	2.617	183	3.879
1.1.9) CH-53E EAPS Seal - OCO - NonOrganic	-	-	-	-	-	-	-	-	-	-	40	0.880
1.1.11) CH-53 EAPS Bypass - OCO - NonOrganic	-	-	-	-	-	-	-	-	44	1.440	365	5.875
1.1.13) EAPS Improv Kits (CH/MH-E) - NonOrganic	-	-	-	-	-	-	-	-	-	-	108	1.145
1.1.14) Emergency Egress Light (H-53) - Organic	-	-	-	-	-	-	-	-	-	-	219	0.457
1.1.15) Engine Sling Kits - Organic	-	-	-	-	-	-	-	-	-	-	60	0.332
1.1.16) Engine Start Valve Kits - Organic	-	-	-	-	-	-	0	0.000	183	0.824	183	0.824
1.1.17) Gyro Replacment (CH-53D) - Organic	-	-	-	-	-	-	-	-	-	-	40	1.432
1.1.18) Gyro Replacement (CH--D) Supp - Organic	-	-	-	-	-	-	-	-	-	-	32	1.145
1.1.19) Kapton Wiring Kits (H-53) - NonOrganic	-	-	-	-	-	-	-	-	44	9.500	162	22.076
1.1.20) Kapton Wiring Kits (H-53) Supp - NonOrganic	-	-	-	-	-	-	-	-	-	-	35	8.685
1.1.21) Kapton Wiring Kits (H-53) OCO - NonOrganic	-	-	-	-	-	-	-	-	16	4.000	111	30.804
1.1.22) MRH Weight Bracket Supp - Organic	-	-	-	-	-	-	-	-	-	-	2	0.125
1.1.23) NGB Improved Seal Kits (H-53) - Organic	-	-	-	-	-	-	-	-	-	-	456	3.230
1.1.24) NLG Door Bracket (H-53) - Organic	-	-	-	-	-	-	-	-	-	-	220	0.268
1.1.25) Obsolescent Components (H-53) - NonOrganic	-	-	30	1.530	62	2.200	45	2.250	151	25.720	465	36.411
1.1.26) Ramp Conversion Kits - Organic	-	-	-	-	-	-	-	-	-	-	35	0.015
1.1.27) Soundproofing Retention Kits - Organic	-	-	-	-	-	-	0	0.000	31	0.140	31	0.140

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0528 - H-53 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): H-53 A/C SUSTAINMENT (OSIP 008-06) - 7

Models of Systems Affected: CH-53D (36), CH-53E (152), MH-53E (31), 219 Total	Type Modification: MISSION/PERFORMANCE SUSTAINMENT	Related RDT&E PEs:
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
1.1.28) Station 820 bulkhead - H-53 A/C SUSTAINMENT (OSIP 008-06) - Organic	-	-	-	-	-	-	-	-	-	-	161	0.862
1.1.29) Transition Bulkhead (CH/MH-E) - NonOrganic	12	0.900	12	0.900	12	0.900	12	0.900	-	-	153	12.103
1.1.30) #6 TRDS Fitting Kiet (CH/MH-E) - Organic	-	-	-	-	-	-	-	-	-	-	37	0.138
1.1.31) Wiring diagnostics Kits (H-53) - Organic	-	-	-	-	-	-	-	-	-	-	5	0.447
<i>Subtotal Recurring</i>		0.900		2.430		3.100		3.150		46.041		141.613
NonRecurring												
1.2.1) Installation Kits (including AFCS) - Organic	-	14.148	-	10.684	-	0.749	-	1.800	-	23.841	-	89.311
<i>Subtotal NonRecurring</i>		14.148		10.684		0.749		1.800		23.841		89.311
B Kits												
Recurring												
2.1.1) CH-53D HEELS B KITS - Organic	-	-	-	-	-	-	-	-	-	-	2	0.021
2.1.2) CH-53E HEELS B KITS - Organic	-	-	-	-	-	-	-	-	-	-	2	0.021
2.1.3) Aircrew Cooling B Kits - Organic	-	-	-	-	-	-	-	-	-	-	599	3.359
2.1.4) CH-53E Aircrew Cooling OCO - Organic	-	-	-	-	-	-	-	-	-	-	32	0.193
2.1.5) Aircrew Cooling Garments - Organic	-	-	-	-	-	-	-	-	-	-	172	0.076
2.1.6) Electric Cargo Winch - Organic	-	-	-	-	-	-	-	-	-	-	20	3.063
2.1.7) H-53 HEES (Cong) - Organic	-	-	-	-	-	-	-	-	-	-	216	1.853
2.1.8) Improved GCU - Organic	-	-	-	-	-	-	0	0.000	125	1.000	125	1.000
2.1.9) IRB SUPP - Organic	-	-	-	-	-	-	-	-	-	-	92	7.256
2.1.10) MH-53E HEELS - Organic	-	-	-	-	-	-	-	-	-	-	2	0.042
2.1.11) Ramp Cables - Organic	-	-	-	-	-	-	-	-	-	-	120	0.015
2.1.12) Rotor Blade Coating (H-53) - Organic	-	-	-	-	-	-	-	-	29	2.900	42	4.800
2.1.13) Rotor Blade Coating (H53) - OCO - Organic	-	-	-	-	-	-	-	-	-	-	40	2.895
2.1.14) CH-53E Single Point Pendant Box Kits (SPPB) - Organic	-	-	-	-	-	-	-	-	-	-	40	0.604
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		3.900		25.198
NonRecurring												

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0528 - H-53 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): H-53 A/C SUSTAINMENT (OSIP 008-06) - 7

Models of Systems Affected: CH-53D (36), CH-53E (152), MH-53E (31), 219 Total	Type Modification: MISSION/PERFORMANCE SUSTAINMENT	Related RDT&E PEs:
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
2.2.1) Installation Cost - Prior Year - Organic	-	-	-	-	-	-	-	-	-	-	-	3.552
2.2.2) Installation Equipment - Organic	-	-	-	-	-	-	-	-	-	-	-	0.072
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		3.624
<i>Total, H-53 A/C SUSTAINMENT (OSIP 008-06)</i>	12	15.048	42	13.114	74	3.849	57	4.950	791	73.782	5,550	259.746
<i>Total, All Modifications</i>		15.048		13.114		3.849		4.950		73.782		259.746
Support												
3.1) Engineering Change Orders	-	-	-	-	-	-	-	-	-	-	-	-
3.2) Data - OCO	-	-	-	-	-	-	-	-	-	-	-	-
3.3) Data	-	0.350	-	0.150	-	0.050	-	0.150	-	3.885	-	6.716
3.4) Training Equipment	-	-	-	-	-	-	-	-	-	-	6	0.030
3.5) Training Equipment - OCO	-	-	-	-	-	-	-	-	-	-	-	-
3.6) Support Equipment	-	-	-	-	-	-	-	-	-	0.850	-	5.032
3.7) ILS	-	-	-	-	-	-	-	-	-	-	-	2.921
3.8) Other Support	-	9.793	-	6.245	-	5.563	-	6.141	-	48.279	-	126.989
3.9) Other Support - OCO	-	-	-	-	-	-	-	-	-	-	-	1.725
3.10) Interim Contractor support	-	-	-	-	-	-	-	-	-	-	-	0.270
<i>Total Support Cost</i>		10.143		6.395		5.613		6.291		53.014		143.683
<i>Procurement Cost (Procurement + Support)</i>		25.191		19.509		9.462		11.241		126.796		403.429
<i>Total Installation Cost</i>		5.101		1.665		1.424		1.855		7.358		42.007
Total Cost (Procurement + Support + Installation)		30.292		21.174		10.886		13.096		134.154		445.436

Remarks:

Manufacturer Information: H-53 A/C SUSTAINMENT (OSIP 008-06)	
Manufacturer Name: Sikorsky Aircraft Corp-#2 Eng Backflow	Manufacturer Location: Stratford, CT
Administrative Leadtime (in Months): 3	Production Leadtime (in Months): 22

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates	Jan 2011	Jan 2012					

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Exhibit P-3A, Individual Modification: PB 2013 Navy						Date: February 2012	
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1			P-1 Line Item Nomenclature: 0528 - H-53 Series			Modification Nomenclature (<i>Modification Title, Modification Number</i>): H-53 A/C SUSTAINMENT (OSIP 008-06) - 7	
Models of Systems Affected: CH-53D (36), CH-53E (152), MH-53E (31), 219 Total			Type Modification: MISSION/PERFORMANCE SUSTAINMENT			Related RDT&E PEs:	
Manufacturer Information: H-53 A/C SUSTAINMENT (OSIP 008-06)							
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Delivery Dates	Nov 2012	Nov 2013					
Manufacturer Name: Carleton Tech, Inc-Aircrew Cooling Kits				Manufacturer Location: Orchard Park, NY			
Administrative Leadtime (<i>in Months</i>): 3				Production Leadtime (<i>in Months</i>): 2			
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates							
Delivery Dates							
Manufacturer Name: ESW GmbH-Common GCU Ship Sets				Manufacturer Location: Wedel, Germany			
Administrative Leadtime (<i>in Months</i>): 3				Production Leadtime (<i>in Months</i>): 5			
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates	Jan 2011	Jan 2012					
Delivery Dates	Jun 2011	Jun 2012					
Manufacturer Name: Sikorsky Aircraft Corp-EAPS Seals/Improvement				Manufacturer Location: Stratford, CT			
Administrative Leadtime (<i>in Months</i>): 4				Production Leadtime (<i>in Months</i>): 5			
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates		Jan 2012	Jan 2013				
Delivery Dates		Jun 2012	Jun 2013				
Manufacturer Name: SAIC-Kapton Wiring				Manufacturer Location: Crane, IN			
Administrative Leadtime (<i>in Months</i>): 3				Production Leadtime (<i>in Months</i>): 10			
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates		Jan 2012	Jan 2013				
Delivery Dates		Nov 2012	Nov 2013				
Manufacturer Name: Sikorsky Aircraft Corp-Obsolescent Components				Manufacturer Location: Stratford, CT			
Administrative Leadtime (<i>in Months</i>): 7				Production Leadtime (<i>in Months</i>): 17			
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates	May 2011	May 2012	May 2013				
Delivery Dates	Oct 2012	Oct 2013	Oct 2014				
Manufacturer Name: Sikorsky Aircraft Corp-Transition Bulkhead				Manufacturer Location: Stratford, CT			

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0528 - H-53 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): H-53 A/C SUSTAINMENT (OSIP 008-06) - 7

Models of Systems Affected: CH-53D (36), CH-53E (152), MH-53E (31), 219 Total	Type Modification: MISSION/PERFORMANCE SUSTAINMENT	Related RDT&E PEs:
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Manufacturer Information: H-53 A/C SUSTAINMENT (OSIP 008-06)	
Administrative Leadtime (<i>in Months</i>): 6	Production Leadtime (<i>in Months</i>): 19

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates	Mar 2011	Mar 2012	Mar 2013				
Delivery Dates	Oct 2012	Oct 2013	Oct 2014				

Installation: H-53 A/C SUSTAINMENT (OSIP 008-06)	Method of Implementation: CONTRACTOR FIELD MOD TEAM	Installation Name: H-53 A/C SUSTAINMENT (OSIP 08-06) #2 Engine Backflow
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	200	1.200	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	20	0.155	0	0.000	20	0.155
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	200	1.200	-	-	-	-	20	0.155	0	0.000	20	0.155

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	200	1.200
FY 2011	-	-	-	-	-	-	-	-	-	-	20	0.155
FY 2012	22	0.162	-	-	-	-	-	-	-	-	22	0.162
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0528 - H-53 Series
Models of Systems Affected: CH-53D (36), CH-53E (152), MH-53E (31), 219 Total		Modification Nomenclature (Modification Title, Modification Number): H-53 A/C SUSTAINMENT (OSIP 008-06) - 7
Type Modification: MISSION/PERFORMANCE SUSTAINMENT		Related RDT&E PEs:

Installation: H-53 A/C SUSTAINMENT (OSIP 008-06)		Method of Implementation: CONTRACTOR FIELD MOD TEAM				Installation Name: H-53 A/C SUSTAINMENT (OSIP 08-06) #2 Engine Backflow						
Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	22	0.162	-	-	-	-	-	-	-	-	242	1.517

Installation Schedule																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	200	-	-	-	-	-	-	-	-	10	10	-	-	10	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	242
Out	200	-	-	-	-	-	-	-	-	10	10	-	-	10	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	242

Installation: H-53 A/C SUSTAINMENT (OSIP 008-06)		Method of Implementation: CONTRACTOR FIELD MOD TEAM				Installation Name: H-53 A/C SUSTAINMENT (OSIP 08-06) Aircrew Cooling						
Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>
All Prior Years	100	1.832	73	1.029	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0528 - H-53 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): H-53 A/C SUSTAINMENT (OSIP 008-06) - 7

Models of Systems Affected: CH-53D (36), CH-53E (152), MH-53E (31), 219 Total	Type Modification: MISSION/PERFORMANCE SUSTAINMENT	Related RDT&E PEs:
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Installation: H-53 A/C SUSTAINMENT (OSIP 008-06)	Method of Implementation: CONTRACTOR FIELD MOD TEAM	Installation Name: H-53 A/C SUSTAINMENT (OSIP 08-06) Aircrew Cooling
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Total	100	1.832	73	1.029	-	-	-	-	-	-	-	-

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	173	2.861
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	173	2.861

Installation Schedule																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	100	18	18	19	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	173
Out	100	18	18	19	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	173

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0528 - H-53 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): H-53 A/C SUSTAINMENT (OSIP 008-06) - 7
Models of Systems Affected: CH-53D (36), CH-53E (152), MH-53E (31), 219 Total	Type Modification: MISSION/PERFORMANCE SUSTAINMENT	Related RDT&E PEs:

Installation: H-53 A/C SUSTAINMENT (OSIP 008-06)	Method of Implementation: CONTRACTOR FIELD MOD TEAM	Installation Name: H-53 A/C SUSTAINMENT (OSIP 08-06) Common GCU
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	30	0.489	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	30	0.489	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	30	0.489	30	0.489	-	-	-	-	-	-

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	30	0.489
FY 2012	-	-	-	-	-	-	-	-	-	-	30	0.489
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	123	2.000	123	2.000
Total	-	-	-	-	-	-	-	-	123	2.000	183	2.978

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0528 - H-53 Series	Modification Nomenclature (Modification Title, Modification Number): H-53 A/C SUSTAINMENT (OSIP 008-06) - 7

Models of Systems Affected: CH-53D (36), CH-53E (152), MH-53E (31), 219 Total	Type Modification: MISSION/PERFORMANCE SUSTAINMENT	Related RDT&E PEs:
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Installation: H-53 A/C SUSTAINMENT (OSIP 008-06)	Method of Implementation: CONTRACTOR FIELD MOD TEAM	Installation Name: H-53 A/C SUSTAINMENT (OSIP 08-06) Common GCU
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Installation Schedule																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	15	15	-	-	15	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	123	183		
Out	-	-	-	15	15	-	-	15	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	123	183		

Installation: H-53 A/C SUSTAINMENT (OSIP 008-06)	Method of Implementation: CONTRACTOR FIELD MOD TEAM	Installation Name: H-53 A/C SUSTAINMENT (OSIP 08-06) EAPS
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	0	0.732	-	-	321	0.000	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	40	0.400	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	108	1.080	0	0.000	108	1.080
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	0	0.732	-	-	361	0.400	108	1.080	0	0.000	108	1.080

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	321	0.732
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	40	0.400
FY 2013	-	-	-	-	-	-	-	-	-	-	108	1.080

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0528 - H-53 Series
Models of Systems Affected: CH-53D (36), CH-53E (152), MH-53E (31), 219 Total		Modification Nomenclature (Modification Title, Modification Number): H-53 A/C SUSTAINMENT (OSIP 008-06) - 7
Type Modification: MISSION/PERFORMANCE SUSTAINMENT		Related RDT&E PEs:

Installation: H-53 A/C SUSTAINMENT (OSIP 008-06)		Method of Implementation: CONTRACTOR FIELD MOD TEAM				Installation Name: H-53 A/C SUSTAINMENT (OSIP 08-06) EAPS						
Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	44	0.440	44	0.440
Total	-	-	-	-	-	-	-	-	44	0.440	513	2.652

Installation Schedule																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	95	95	95	76	-	-	54	54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	44	513	
Out	-	-	-	-	95	95	95	76	-	-	54	54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	44	513	

Installation: H-53 A/C SUSTAINMENT (OSIP 008-06)		Method of Implementation: CONTRACTOR FIELD MOD TEAM				Installation Name: H-53 A/C SUSTAINMENT (OSIP 08-06) Kapton Wiring						
Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>
All Prior Years	178	6.394	12	0.632	4	0.212	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	13	0.480	0	0.000	24	5.600	24	5.600
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0528 - H-53 Series
		Modification Nomenclature (Modification Title, Modification Number): H-53 A/C SUSTAINMENT (OSIP 008-06) - 7

Models of Systems Affected: CH-53D (36), CH-53E (152), MH-53E (31), 219 Total	Type Modification: MISSION/PERFORMANCE SUSTAINMENT	Related RDT&E PEs:
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Installation: H-53 A/C SUSTAINMENT (OSIP 008-06)	Method of Implementation: CONTRACTOR FIELD MOD TEAM	Installation Name: H-53 A/C SUSTAINMENT (OSIP 08-06) Kapton Wiring
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Total	178	6.394	12	0.632	17	0.692	0	0.000	24	5.600	24	5.600

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	194	7.238
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	37	6.080
FY 2013	17	3.967	-	-	-	-	-	-	-	-	17	3.967
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	60	1.512	60	1.512
Total	17	3.967	-	-	-	-	-	-	60	1.512	308	18.797

Installation Schedule																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	178	3	3	3	3	4	4	4	5	6	6	6	6	4	4	4	5	-	-	-	-	-	-	-	-	-	-	-	-	60	308
Out	178	3	3	3	3	4	4	4	5	6	6	6	6	4	4	4	5	-	-	-	-	-	-	-	-	-	-	-	-	60	308

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0528 - H-53 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): H-53 A/C SUSTAINMENT (OSIP 008-06) - 7
Models of Systems Affected: CH-53D (36), CH-53E (152), MH-53E (31), 219 Total	Type Modification: MISSION/PERFORMANCE SUSTAINMENT	Related RDT&E PEs:

Installation: H-53 A/C SUSTAINMENT (OSIP 008-06)	Method of Implementation: CONTRACTOR FIELD MOD TEAM	Installation Name: H-53 A/C SUSTAINMENT (OSIP 08-06) Obsolescent Components
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	94	1.047	11	0.100	16	0.415	10	0.040	0	0.000	10	0.040
FY 2011	-	-	-	-	-	-	8	0.040	0	0.000	8	0.040
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	94	1.047	11	0.100	16	0.415	18	0.080	0	0.000	18	0.080

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	131	1.602
FY 2011	-	-	-	-	-	-	-	-	-	-	8	0.040
FY 2012	38	0.423	-	-	-	-	-	-	-	-	38	0.423
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	30	0.683	-	-	-	-	-	-	30	0.683
FY 2016	-	-	-	-	62	0.620	-	-	-	-	62	0.620
FY 2017	-	-	-	-	-	-	45	0.907	-	-	45	0.907
To Complete	-	-	-	-	-	-	-	-	151	1.510	151	1.510
Total	38	0.423	30	0.683	62	0.620	45	0.907	151	1.510	465	5.785

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0528 - H-53 Series	Modification Nomenclature (Modification Title, Modification Number): H-53 A/C SUSTAINMENT (OSIP 008-06) - 7

Models of Systems Affected: CH-53D (36), CH-53E (152), MH-53E (31), 219 Total	Type Modification: MISSION/PERFORMANCE SUSTAINMENT	Related RDT&E PEs:
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Installation: H-53 A/C SUSTAINMENT (OSIP 008-06)	Method of Implementation: CONTRACTOR FIELD MOD TEAM	Installation Name: H-53 A/C SUSTAINMENT (OSIP 08-06) Obsolescent Components
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Installation Schedule																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	94	2	3	3	3	4	4	4	4	5	4	5	4	10	10	10	8	8	8	7	7	16	15	16	15	12	11	11	11	151	465
Out	94	2	3	3	3	4	4	4	4	5	4	5	4	10	10	10	8	8	8	7	7	16	15	16	15	12	11	11	11	151	465

Installation: H-53 A/C SUSTAINMENT (OSIP 008-06)	Method of Implementation: CONTRACTOR FIELD MOD TEAM	Installation Name: H-53 A/C SUSTAINMENT (OSIP 08-06) Transition Bulkhead
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	38	0.813	15	0.320	14	0.435	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	15	0.670	0	0.000	15	0.670
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	38	0.813	15	0.320	14	0.435	15	0.670	0	0.000	15	0.670

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	67	1.568
FY 2011	-	-	-	-	-	-	-	-	-	-	15	0.670
FY 2012	11	0.549	-	-	-	-	-	-	-	-	11	0.549
FY 2013	-	-	12	0.982	-	-	-	-	-	-	12	0.982

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0528 - H-53 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): H-53 A/C SUSTAINMENT (OSIP 008-06) - 7

Models of Systems Affected: CH-53D (36), CH-53E (152), MH-53E (31), 219 Total	Type Modification: MISSION/PERFORMANCE SUSTAINMENT	Related RDT&E PEs:
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Installation: H-53 A/C SUSTAINMENT (OSIP 008-06)	Method of Implementation: CONTRACTOR FIELD MOD TEAM	Installation Name: H-53 A/C SUSTAINMENT (OSIP 08-06) Transition Bulkhead
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Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
FY 2014	-	-	-	-	12	0.804	-	-	-	-	12	0.804
FY 2015	-	-	-	-	-	-	12	0.948	-	-	12	0.948
FY 2016	-	-	-	-	-	-	-	-	12	0.948	12	0.948
FY 2017	-	-	-	-	-	-	-	-	12	0.948	12	0.948
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	11	0.549	12	0.982	12	0.804	12	0.948	24	1.896	153	7.417

Installation Schedule																																			
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot				
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4						
In	38	3	3	4	5	3	3	3	5	3	4	4	4	3	3	3	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	24	153
Out	38	3	3	4	5	3	3	3	5	3	4	4	4	3	3	3	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	24	153

Installation: H-53 A/C SUSTAINMENT (OSIP 008-06)	Method of Implementation: Not Installed - Arc Fault Circuit Break (H-53)	Installation Quantity: 478
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Installation: H-53 A/C SUSTAINMENT (OSIP 008-06)	Method of Implementation: Not Installed - Cooling Shroud Kits	Installation Quantity: 50
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Installation: H-53 A/C SUSTAINMENT (OSIP 008-06)	Method of Implementation: Not Installed - Emergency Egress Light (H-53)	Installation Quantity: 219
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Installation: H-53 A/C SUSTAINMENT (OSIP 008-06)	Method of Implementation: Not Installed - Engine Sling Kits	Installation Quantity: 60
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Installation: H-53 A/C SUSTAINMENT (OSIP 008-06)	Method of Implementation: Not Installed - Engine Start Valve Kits	Installation Quantity: 183
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Installation: H-53 A/C SUSTAINMENT (OSIP 008-06)	Method of Implementation: Not Installed - Gyro Replacment (CH-53D)	Installation Quantity: 40
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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0528 - H-53 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): H-53 A/C SUSTAINMENT (OSIP 008-06) - 7
Models of Systems Affected: CH-53D (36), CH-53E (152), MH-53E (31), 219 Total	Type Modification: MISSION/PERFORMANCE SUSTAINMENT	Related RDT&E PEs:
Installation: H-53 A/C SUSTAINMENT (OSIP 008-06)	Method of Implementation: Not Installed - Gyro Replacement (CH--D) Supp	Installation Quantity: 32
Installation: H-53 A/C SUSTAINMENT (OSIP 008-06)	Method of Implementation: Not Installed - MRH Weight Bracket Supp	Installation Quantity: 2
Installation: H-53 A/C SUSTAINMENT (OSIP 008-06)	Method of Implementation: Not Installed - NGB Improved Seal Kits (H-53)	Installation Quantity: 456
Installation: H-53 A/C SUSTAINMENT (OSIP 008-06)	Method of Implementation: Not Installed - NLG Door Bracket (H-53)	Installation Quantity: 220
Installation: H-53 A/C SUSTAINMENT (OSIP 008-06)	Method of Implementation: Not Installed - Ramp Conversion Kits	Installation Quantity: 35
Installation: H-53 A/C SUSTAINMENT (OSIP 008-06)	Method of Implementation: Not Installed - Soundproofing Retention Kits	Installation Quantity: 31
Installation: H-53 A/C SUSTAINMENT (OSIP 008-06)	Method of Implementation: Not Installed - Station 820 bulkhead - H-53 A/C SUSTAINMENT (OSIP 008-06)	Installation Quantity: 161
Installation: H-53 A/C SUSTAINMENT (OSIP 008-06)	Method of Implementation: Not Installed - #6 TRDS Fitting Kiet (CH/MH-E)	Installation Quantity: 37
Installation: H-53 A/C SUSTAINMENT (OSIP 008-06)	Method of Implementation: Not Installed - Wiring diagnostics Kits (H-53)	Installation Quantity: 5
Installation: H-53 A/C SUSTAINMENT (OSIP 008-06)	Method of Implementation: Not Installed - CH-53D HEELS B KITS	Installation Quantity: 2
Installation: H-53 A/C SUSTAINMENT (OSIP 008-06)	Method of Implementation: Not Installed - CH-53E HEELS B KITS	Installation Quantity: 2
Installation: H-53 A/C SUSTAINMENT (OSIP 008-06)	Method of Implementation: Not Installed - Aircrew Cooling B Kits	Installation Quantity: 599
Installation: H-53 A/C SUSTAINMENT (OSIP 008-06)	Method of Implementation: Not Installed - CH-53E Aircrew Cooling OCO	Installation Quantity: 32

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0528 - H-53 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): H-53 A/C SUSTAINMENT (OSIP 008-06) - 7
Models of Systems Affected: CH-53D (36), CH-53E (152), MH-53E (31), 219 Total	Type Modification: MISSION/PERFORMANCE SUSTAINMENT	Related RDT&E PEs:
Installation: H-53 A/C SUSTAINMENT (OSIP 008-06)	Method of Implementation: Not Installed - Aircrew Cooling Garments	Installation Quantity: 172
Installation: H-53 A/C SUSTAINMENT (OSIP 008-06)	Method of Implementation: Not Installed - Electric Cargo Winch	Installation Quantity: 20
Installation: H-53 A/C SUSTAINMENT (OSIP 008-06)	Method of Implementation: Not Installed - H-53 HEES (Cong)	Installation Quantity: 216
Installation: H-53 A/C SUSTAINMENT (OSIP 008-06)	Method of Implementation: Not Installed - Improved GCU	Installation Quantity: 125
Installation: H-53 A/C SUSTAINMENT (OSIP 008-06)	Method of Implementation: Not Installed - IRB SUPP	Installation Quantity: 92
Installation: H-53 A/C SUSTAINMENT (OSIP 008-06)	Method of Implementation: Not Installed - MH-53E HEELS	Installation Quantity: 2
Installation: H-53 A/C SUSTAINMENT (OSIP 008-06)	Method of Implementation: Not Installed - Ramp Cables	Installation Quantity: 120
Installation: H-53 A/C SUSTAINMENT (OSIP 008-06)	Method of Implementation: Not Installed - Rotor Blade Coating (H-53)	Installation Quantity: 42
Installation: H-53 A/C SUSTAINMENT (OSIP 008-06)	Method of Implementation: Not Installed - Rotor Blade Coating (H53) - OCO	Installation Quantity: 40
Installation: H-53 A/C SUSTAINMENT (OSIP 008-06)	Method of Implementation: Not Installed - CH-53E Single Point Pendant Box Kits (SPPB)	Installation Quantity: 40
Installation: H-53 A/C SUSTAINMENT (OSIP 008-06)	Method of Implementation: Not Installed - Training Equipment	Installation Quantity: 6

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0528 - H-53 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): VISUALLY DEGRADED ENVIRONMENT (OSIP 020-07) - 8

Models of Systems Affected: CH-53E (152)	Type Modification: SAFETY/PERFORMANCE	Related RDT&E PEs:
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	78.179	0.772	1.363	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.323	81.637
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	78.179	0.772	1.363	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.323	81.637
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	78.179	0.772	1.363	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.323	81.637

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

VDE is the greatest unmitigated challenge faced by Marine Aviation in its current operating environment. The loss of visual ground reference during night landings to unimproved, dusty landing zones is the greatest safety risk to H-53 aircrew, passengers and aircraft. The H-53 will continue to operate in VDE and continue to endanger flight crews and passengers while flying in a low altitude/low airspeed regime or landing in unimproved landing zones in conditions that may cause loss of a visual reference due to dust, snow, fog, smoke or darkness. A VDE solution will facilitate mission accomplishment in all degraded cueing environments, prevent degraded cueing environment mishaps and subsequent loss of life and assets. Reference: CH-53 Zero Visibility Landing System UNS # 06069UB, approved 27 Feb 06.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: PMA261 is currently supporting technology development, demonstration, and integration in a phased approach to the VDE solution. Prototype installation of a system providing enhanced cuing to the flying pilot is underway. Technology development and demonstration of laser and RF based systems are underway with flight test of a laser-based system, as installed on an H-53 September, 2009. Cancellation of the CNS/ATM program for the CH-53E in FY10 resulted in a restructuring of the approach to providing pilots with advanced cuing in VDE. This was accomplished by integration with the previously installed Embedded GPS and Inertial navigation system and Head's Up Display (HUD). Installs of this solution were performed incidentally with other avionics changes beginning in FY11.

Notes:

1. Installation of QTY (152) VDE A-kits (procured in VDE OSIP 20-07 with FY10 OCO) are occurring simultaneously with BFT installs. Prior Year QTY (46), FY11 QTY (46), FY12 QTY (20) OCO funding in Survivability OSIP 15-05. Remaining installs will be completed in FY13 QTY (40), with OCO funding in Avionics OSIP 31-12.

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Exhibit P-3A, Individual Modification: PB 2013 Navy										Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1					P-1 Line Item Nomenclature: 0528 - H-53 Series					Modification Nomenclature (<i>Modification Title, Modification Number</i>): VISUALLY DEGRADED ENVIRONMENT (OSIP 020-07) - 8			
Models of Systems Affected: CH-53E (152)				Type Modification: SAFETY/PERFORMANCE				Related RDT&E PEs:					
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
VISUALLY DEGRADED ENVIRONMENT (OSIP 020-07)													
A Kits													
Recurring													
1.1.1) SATCOM A-Kits-OCO - NonOrganic	132	3.750	-	-	-	-	-	-	-	-	-	-	
1.1.2) VDE A-Kits-OCO - NonOrganic	152	10.900	-	-	-	-	-	-	-	-	-	-	
1.1.3) CNS/ATM Kits Supp - Organic	4	2.291	-	-	-	-	-	-	-	-	-	-	
<i>Subtotal Recurring</i>		16.941		0.000		0.000		0.000		0.000		0.000	
B Kits													
Recurring													
2.1.2) SATCOM B-kits-OCO - Organic	-	18.189	-	-	-	-	-	-	-	-	-	-	
2.1.3) ADAP B-kits-OCO - Organic	-	3.732	-	-	-	-	-	-	-	-	-	-	
<i>Subtotal Recurring</i>		21.921		0.000		0.000		0.000		0.000		0.000	
NonRecurring													
2.2.1) Installation Equipment N/R - Organic	-	3.536	-	-	-	-	-	-	-	-	-	-	
<i>Subtotal NonRecurring</i>		3.536		0.000		0.000		0.000		0.000		0.000	
<i>Total, VISUALLY DEGRADED ENVIRONMENT (OSIP 020-07)</i>	288	42.398	-	-	-	-	-	-	-	-	-	-	
<i>Total, All Modifications</i>		42.398		0.000		0.000		0.000		0.000		0.000	
Support													
3.1) Engineering Change Orders	-	0.000	-	-	-	-	-	-	-	-	-	-	
3.2) Data	-	2.644	-	-	-	-	-	-	-	-	-	-	
3.3) Software	-	0.000	-	-	-	-	-	-	-	-	-	-	
3.4) Software-OCO	-	2.307	-	-	-	-	-	-	-	-	-	-	
3.5) Training Equipment	-	6.140	-	-	-	-	-	-	-	-	-	-	
3.6) Training Equipment-OCO	-	2.284	-	-	-	-	-	-	-	-	-	-	
3.7) Support Equipment	-	0.243	-	-	-	-	-	-	-	-	-	-	
3.8) ILS	-	0.000	-	-	-	-	-	-	-	-	-	-	
3.9) Other Support	-	10.585	-	-	-	-	-	-	-	-	-	-	

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0528 - H-53 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): VISUALLY DEGRADED ENVIRONMENT (OSIP 020-07) - 8

Models of Systems Affected: CH-53E (152)	Type Modification: SAFETY/PERFORMANCE	Related RDT&E PEs:										
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
3.10) Other Support-OCO	-	10.921	-	-	-	-	-	-	-	-	-	-
3.11) Interim Contractor Support	-	0.000	-	-	-	-	-	-	-	-	-	-
3.12) Installation Cost - To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total Support Cost		35.124		0.000		0.000		0.000		0.000		0.000
Procurement Cost (Procurement + Support)		77.522		0.000		0.000		0.000		0.000		0.000
Total Installation Cost		0.657		0.772		1.363		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		78.179		0.772		1.363		0.000		0.000		0.000

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
VISUALLY DEGRADED ENVIRONMENT (OSIP 020-07)												
A Kits												
Recurring												
1.1.1) SATCOM A-Kits-OCO - NonOrganic	-	-	-	-	-	-	-	-	-	-	132	3.750
1.1.2) VDE A-Kits-OCO - NonOrganic	-	-	-	-	-	-	-	-	-	-	152	10.900
1.1.3) CNS/ATM Kits Supp - Organic	-	-	-	-	-	-	-	-	-	-	4	2.291
Subtotal Recurring		0.000		0.000		0.000		0.000		0.000		16.941
B Kits												
Recurring												
2.1.2) SATCOM B-kits-OCO - Organic	-	-	-	-	-	-	-	-	-	-	-	18.189
2.1.3) ADAP B-kits-OCO - Organic	-	-	-	-	-	-	-	-	-	-	-	3.732
Subtotal Recurring		0.000		0.000		0.000		0.000		0.000		21.921
NonRecurring												
2.2.1) Installation Equipment N/R - Organic	-	-	-	-	-	-	-	-	-	-	-	3.536
Subtotal NonRecurring		0.000		0.000		0.000		0.000		0.000		3.536
Total, VISUALLY DEGRADED ENVIRONMENT (OSIP 020-07)	-	-	-	-	-	-	-	-	-	-	288	42.398
Total, All Modifications		0.000		0.000		0.000		0.000		0.000		42.398

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0528 - H-53 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): VISUALLY DEGRADED ENVIRONMENT (OSIP 020-07) - 8

Models of Systems Affected: CH-53E (152)	Type Modification: SAFETY/PERFORMANCE	Related RDT&E PEs:
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Support												
3.1) Engineering Change Orders	-	-	-	-	-	-	-	-	-	-	-	-
3.2) Data	-	-	-	-	-	-	-	-	-	-	-	2.644
3.3) Software	-	-	-	-	-	-	-	-	-	-	-	-
3.4) Software-OCO	-	-	-	-	-	-	-	-	-	-	-	2.307
3.5) Training Equipment	-	-	-	-	-	-	-	-	-	-	-	6.140
3.6) Training Equipment-OCO	-	-	-	-	-	-	-	-	-	-	-	2.284
3.7) Support Equipment	-	-	-	-	-	-	-	-	-	-	-	0.243
3.8) ILS	-	-	-	-	-	-	-	-	-	-	-	-
3.9) Other Support	-	-	-	-	-	-	-	-	-	-	-	10.585
3.10) Other Support-OCO	-	-	-	-	-	-	-	-	-	-	-	10.921
3.11) Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	-
3.12) Installation Cost - To Complete	-	-	-	-	-	-	0	0.000	63	1.323	63	1.323
Total Support Cost		0.000		0.000		0.000		0.000		1.323		36.447
Procurement Cost (Procurement + Support)		0.000		0.000		0.000		0.000		1.323		78.845
Total Installation Cost		0.000		0.000		0.000		0.000		0.000		2.792
Total Cost (Procurement + Support + Installation)		0.000		0.000		0.000		0.000		1.323		81.637

Remarks:

Manufacturer Information: VISUALLY DEGRADED ENVIRONMENT (OSIP 020-07)

Manufacturer Name: Joint Venture Yulista-VDE	Manufacturer Location: Huntsville, AL
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Administrative Leadtime (in Months): 8	Production Leadtime (in Months): 1
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Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates							
Delivery Dates							

Manufacturer Name: Rockwell Collins-SATCOM	Manufacturer Location: CEDAR RAPIDS, IA
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Administrative Leadtime (in Months): 0	Production Leadtime (in Months): 0
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UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0528 - H-53 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): VISUALLY DEGRADED ENVIRONMENT (OSIP 020-07) - 8

Models of Systems Affected: CH-53E (152)	Type Modification: SAFETY/PERFORMANCE	Related RDT&E PEs:
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Manufacturer Information: VISUALLY DEGRADED ENVIRONMENT (OSIP 020-07)

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates							
Delivery Dates							

Installation: VISUALLY DEGRADED ENVIRONMENT (OSIP 020-07)	Method of Implementation: CONTRACTOR FIELD MOD TEAM	Installation Name: VISUALLY DEGRADED ENVIRONMENT (OSIP 20-07) SATCOM
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	32	0.657	37	0.772	63	1.363	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	32	0.657	37	0.772	63	1.363	-	-	-	-	-	-

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	132	2.792
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0528 - H-53 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): VISUALLY DEGRADED ENVIRONMENT (OSIP 020-07) - 8

Models of Systems Affected: CH-53E (152)	Type Modification: SAFETY/PERFORMANCE	Related RDT&E PEs:
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Installation: VISUALLY DEGRADED ENVIRONMENT (OSIP 020-07)	Method of Implementation: CONTRACTOR FIELD MOD TEAM	Installation Name: VISUALLY DEGRADED ENVIRONMENT (OSIP 20-07) SATCOM
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Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	132	2.792

Installation Schedule																														
APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	32	9	9	10	9	15	16	16	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	132
Out	32	9	9	10	9	15	16	16	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	132

Installation: VISUALLY DEGRADED ENVIRONMENT (OSIP 020-07)	Method of Implementation: CONTRACTOR FIELD MOD TEAM	Installation Name: VISUALLY DEGRADED ENVIRONMENT (OSIP 20-07) VDE
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	46	0.000	46	0.000	20	0.000	0	0.000	40	0.000	40	0.000
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	46	0.000	46	0.000	20	0.000	0	0.000	40	0.000	40	0.000

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0528 - H-53 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): VISUALLY DEGRADED ENVIRONMENT (OSIP 020-07) - 8

Models of Systems Affected: CH-53E (152)	Type Modification: SAFETY/PERFORMANCE	Related RDT&E PEs:
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Installation: VISUALLY DEGRADED ENVIRONMENT (OSIP 020-07)	Method of Implementation: CONTRACTOR FIELD MOD TEAM	Installation Name: VISUALLY DEGRADED ENVIRONMENT (OSIP 20-07) VDE
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Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	152	0.000
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	152	0.000

Installation Schedule																																
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot	
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4			
In	46	12	12	12	10	-	-	10	10	-	13	14	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	152
Out	46	12	12	12	10	-	-	10	10	-	13	14	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	152

Installation: VISUALLY DEGRADED ENVIRONMENT (OSIP 020-07)	Method of Implementation: Not Installed - CNS/ATM Kits Supp	Installation Quantity: 4
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Installation: VISUALLY DEGRADED ENVIRONMENT (OSIP 020-07)	Method of Implementation: Not Installed - Installation Cost - To Complete	Installation Quantity: 63
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UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0528 - H-53 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): DIRCM (OSIP 010-08) - 9

Models of Systems Affected: CH-53D (36), CH-53E (152), 188 Total	Type Modification: MISSION/PERFORMANCE SUSTAINMENT	Related RDT&E PEs:
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	186.091	14.342	2.910	2.083	0.000	2.083	7.583	0.904	0.906	1.052	14.320	230.191
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	186.091	14.342	2.910	2.083	0.000	2.083	7.583	0.904	0.906	1.052	14.320	230.191
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	186.091	14.342	2.910	2.083	0.000	2.083	7.583	0.904	0.906	1.052	14.320	230.191

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

Currently, the H-53 has only IR detection equipment and rudimentary flares for use as CM. This funding is for ECP development, A-kit procurement and installation of a DIRCM system for H-53s. This system will help protect the H-53 which is highly susceptible to IR seeking manpads, the weapon of choice in all current theaters. This system has been found effective against fourth generation IR manpads, and is extremely effective earlier generation manpads.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: Non-Recurring engineering for the CH-53E began in May 07 and concluded with a completed and verified TD in early FY09. T&E for the CH-53E began with risk-reduction testing in April 08 and concluded with IOT&E in late FY09. Critical to early fielding was the Quick reaction assessment, completed in Aug 08 which lead to an Early Operational Capability decision in Nov 08. Validation & verification were conducted for the CH-53E between May - Sep 08. Non-Recurring engineering for the CH-53D began in May 08 and concluded with a completed and verified TD in early FY10. The FY11 USMC AvPlan was released in October 2010 and called for the early retirement of the CH-53D. Development and deployment of the DIRCM system on the CH-53D system was subsequently suspended and remaining funding was realigned to other priorities consistent with HQMC direction. DIRCM is being procured as a mission kit by PMA-272. All CH-53Ds & CH-53Es must be modified with an A-kit to accept the mission kit. Installations surged in FY09 to achieve an EOC and then continue through FY14.

Notes:

1. Total QTY (156) reflects 152 CH-53E kits, (1) maintenance trainer and (3) CH-53D kits (prototype val/ver).
2. FY11 CH-53 (Rev-A) A kits QTY (43) are a revision to an existing kit already planned for install, with no additional installation cost.

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0528 - H-53 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): DIRCM (OSIP 010-08) - 9
Models of Systems Affected: CH-53D (36), CH-53E (152), 188 Total	Type Modification: MISSION/PERFORMANCE SUSTAINMENT	Related RDT&E PEs:

Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
DIRCM (OSIP 010-08)												
A Kits												
Recurring												
1.1.1) CH-53E Kits (Ph I) - NonOrganic	17	5.200	-	-	-	-	-	-	-	-	-	-
1.1.2) CH-53E Kits (Ph II) - NonOrganic	18	6.200	-	-	-	-	-	-	-	-	-	-
1.1.3) CH-53E Kits (LBAD) SUPP - NonOrganic	14	4.000	-	-	-	-	-	-	-	-	-	-
1.1.4) CH-53E A Kits SUPP - NonOrganic	14	2.911	-	-	-	-	-	-	-	-	-	-
1.1.5) CH-53 Kits - NonOrganic	44	9.811	-	-	-	-	-	-	-	-	-	-
1.1.6) CH-53E Kits OCO - NonOrganic	30	1.883	16	3.600	-	-	-	-	-	-	-	-
1.1.7) CH-53E (Rev-A) A-Kits - Organic	-	-	-	-	-	-	-	-	-	-	-	-
1.1.8) CH-53E (Rev-A) Val/Ver A-Kits OCO - Organic	-	-	2	0.100	-	-	-	-	-	-	-	-
1.1.9) CH-53E (Rev-A) A-kits OCO - Organic	-	-	41	2.050	-	-	-	-	-	-	-	-
1.1.10) CH-53D Kits OCO - Organic	3	1.100	-	-	-	-	-	-	-	-	-	-
1.1.11) DIRCM A Kits (Pax) SUPP - Organic	-	0.800	-	-	-	-	-	-	-	-	-	-
1.1.12) DIRCM TRUs - Organic	117	2.500	-	-	-	-	-	-	-	-	-	-
<i>Subtotal Recurring</i>		34.405		5.750		0.000		0.000		0.000		0.000
NonRecurring												
1.2.1) Installation Kits N/R - Organic	3	5.775	-	-	-	-	-	-	-	-	-	-
<i>Subtotal NonRecurring</i>		5.775		0.000		0.000		0.000		0.000		0.000
B Kits												
Recurring												
2.1.1) DIRCM B Kits (Phase I) - Organic	16	56.509	-	-	-	-	-	-	-	-	-	-
2.1.2) DIRCM B Kits (Phase II) - Organic	16	43.300	-	-	-	-	-	-	-	-	-	-
2.1.3) DIRCM B Kits (batwings) - Organic	-	-	15	0.100	-	-	-	-	-	-	-	-
2.1.4) DIRCM B Kits (EGI) - Organic	116	6.992	-	-	-	-	-	-	-	-	-	-
2.1.5) DIRCM B Kits (EGI) (OCO) - Organic	60	1.589	-	-	-	-	-	-	-	-	-	-
2.1.6) DIRCM B Kits (AIS) - Organic	-	-	-	-	-	-	-	-	-	-	-	-

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0528 - H-53 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): DIRCM (OSIP 010-08) - 9

Models of Systems Affected: CH-53D (36), CH-53E (152), 188 Total	Type Modification: MISSION/PERFORMANCE SUSTAINMENT	Related RDT&E PEs:
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
<i>Subtotal Recurring</i>		108.390		0.100		0.000		0.000		0.000		0.000
<i>Total, DIRCM (OSIP 010-08)</i>	468	148.570	74	5.850	-	-	-	-	-	-	-	-
<i>Total, All Modifications</i>		148.570		5.850		0.000		0.000		0.000		0.000
Support												
3.1) Data	-	0.542	-	-	-	-	-	-	-	-	-	-
3.2) Training Equipment	-	0.335	-	-	-	-	-	-	-	-	-	-
3.3) Training Equipment-OCO	-	0.338	-	0.661	-	-	-	-	-	-	-	-
3.4) Support Equipment	-	0.000	-	-	-	-	-	-	-	-	-	-
3.5) ILS	-	2.000	-	-	-	-	-	-	-	-	-	-
3.6) ILS-OCO	-	-	-	0.234	-	-	-	-	-	-	-	-
3.7) Other Support	-	10.673	-	1.631	-	0.387	-	0.243	-	-	-	0.243
3.8) Other Support-OCO	-	5.680	-	4.695	-	-	-	-	-	-	-	-
3.9) Interim Contractor Support	-	6.041	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		25.609		7.221		0.387		0.243		0.000		0.243
<i>Procurement Cost (Procurement + Support)</i>		174.179		13.071		0.387		0.243		0.000		0.243
<i>Total Installation Cost</i>		11.912		1.271		2.523		1.840		0.000		1.840
Total Cost (Procurement + Support + Installation)		186.091		14.342		2.910		2.083		0.000		2.083

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
DIRCM (OSIP 010-08)												
A Kits												
Recurring												
1.1.1) CH-53E Kits (Ph I) - NonOrganic	-	-	-	-	-	-	-	-	-	-	17	5.200
1.1.2) CH-53E Kits (Ph II) - NonOrganic	-	-	-	-	-	-	-	-	-	-	18	6.200
1.1.3) CH-53E Kits (LBAD) SUPP - NonOrganic	-	-	-	-	-	-	-	-	-	-	14	4.000
1.1.4) CH-53E A Kits SUPP - NonOrganic	-	-	-	-	-	-	-	-	-	-	14	2.911

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0528 - H-53 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): DIRCM (OSIP 010-08) - 9
Models of Systems Affected: CH-53D (36), CH-53E (152), 188 Total	Type Modification: MISSION/PERFORMANCE SUSTAINMENT	Related RDT&E PEs:

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
1.1.5) CH-53 Kits - NonOrganic	-	-	-	-	-	-	-	-	-	-	44	9.811
1.1.6) CH-53E Kits OCO - NonOrganic	-	-	-	-	-	-	-	-	-	-	46	5.483
1.1.7) CH-53E (Rev-A) A-Kits - Organic	-	-	-	-	-	-	0	0.000	112	5.600	112	5.600
1.1.8) CH-53E (Rev-A) Val/Ver A-Kits OCO - Organic	-	-	-	-	-	-	-	-	-	-	2	0.100
1.1.9) CH-53E (Rev-A) A-kits OCO - Organic	-	-	-	-	-	-	-	-	-	-	41	2.050
1.1.10) CH-53D Kits OCO - Organic	-	-	-	-	-	-	-	-	-	-	3	1.100
1.1.11) DIRCM A Kits (Pax) SUPP - Organic	-	-	-	-	-	-	-	-	-	-	-	0.800
1.1.12) DIRCM TRUs - Organic	-	-	-	-	-	-	-	-	-	-	117	2.500
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		5.600		45.755
NonRecurring												
1.2.1) Installation Kits N/R - Organic	-	-	-	-	-	-	-	-	-	-	3	5.775
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		5.775
B Kits												
Recurring												
2.1.1) DIRCM B Kits (Phase I) - Organic	-	-	-	-	-	-	-	-	-	-	16	56.509
2.1.2) DIRCM B Kits (Phase II) - Organic	-	-	-	-	-	-	-	-	-	-	16	43.300
2.1.3) DIRCM B Kits (batwings) - Organic	-	-	-	-	-	-	-	-	-	-	15	0.100
2.1.4) DIRCM B Kits (EGI) - Organic	-	-	-	-	-	-	-	-	-	-	116	6.992
2.1.5) DIRCM B Kits (EGI) (OCO) - Organic	-	-	-	-	-	-	-	-	-	-	60	1.589
2.1.6) DIRCM B Kits (AIS) - Organic	153	6.000	-	-	-	-	-	-	-	-	153	6.000
<i>Subtotal Recurring</i>		6.000		0.000		0.000		0.000		0.000		114.490
<i>Total, DIRCM (OSIP 010-08)</i>	153	6.000	-	-	-	-	-	-	112	5.600	807	166.020
<i>Total, All Modifications</i>		6.000		0.000		0.000		0.000		5.600		166.020
Support												
3.1) Data	-	-	-	-	-	-	-	-	-	-	-	0.542
3.2) Training Equipment	-	-	-	-	-	-	-	-	-	-	-	0.335
3.3) Training Equipment-OCO	-	-	-	-	-	-	-	-	-	-	-	0.999
3.4) Support Equipment	-	-	-	-	-	-	-	-	-	-	-	-

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0528 - H-53 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): DIRCM (OSIP 010-08) - 9

Models of Systems Affected: CH-53D (36), CH-53E (152), 188 Total	Type Modification: MISSION/PERFORMANCE SUSTAINMENT	Related RDT&E PEs:
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
3.5) ILS	-	-	-	-	-	-	-	-	-	-	-	2.000
3.6) ILS-OCO	-	-	-	-	-	-	-	-	-	-	-	0.234
3.7) Other Support	-	1.583	-	0.904	-	0.906	-	1.052	-	8.720	-	26.099
3.8) Other Support-OCO	-	-	-	-	-	-	-	-	-	-	-	10.375
3.9) Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	6.041
Total Support Cost		1.583		0.904		0.906		1.052		8.720		46.625
Procurement Cost (Procurement + Support)		7.583		0.904		0.906		1.052		14.320		212.645
Total Installation Cost		0.000		0.000		0.000		0.000		0.000		17.546
Total Cost (Procurement + Support + Installation)		7.583		0.904		0.906		1.052		14.320		230.191

Remarks:

Manufacturer Information: DIRCM (OSIP 010-08)							
Manufacturer Name: Northrop Grumman-DIRCM				Manufacturer Location: Rolling Meadows, IL			
Administrative Leadtime (<i>in Months</i>): 1				Production Leadtime (<i>in Months</i>): 12			
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates	Nov 2010						
Delivery Dates	Nov 2011						

Installation: DIRCM (OSIP 010-08)			Method of Implementation: CONTRACTOR FIELD MOD TEAM				Installation Name: DIRCM (OSIP 010-08)					
Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	104	11.912	11	1.271	22	2.523	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	16	1.840	0	0.000	16	1.840
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0528 - H-53 Series
Models of Systems Affected: CH-53D (36), CH-53E (152), 188 Total		Modification Nomenclature (Modification Title, Modification Number): DIRCM (OSIP 010-08) - 9
Type Modification: MISSION/PERFORMANCE SUSTAINMENT		Related RDT&E PEs:

Installation: DIRCM (OSIP 010-08)		Method of Implementation: CONTRACTOR FIELD MOD TEAM				Installation Name: DIRCM (OSIP 010-08)						
Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	104	11.912	11	1.271	22	2.523	16	1.840	0	0.000	16	1.840

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>
All Prior Years	-	-	-	-	-	-	-	-	-	-	137	15.706
FY 2011	-	-	-	-	-	-	-	-	-	-	16	1.840
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	153	17.546

Installation Schedule																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
In	104	2	2	2	5	7	7	4	4	4	4	4	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	153
Out	104	2	2	2	5	7	7	4	4	4	4	4	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	153

Installation: DIRCM (OSIP 010-08)		Method of Implementation: Not Installed - CH-53E (Rev-A) A-Kits				Installation Quantity: 112			
Installation: DIRCM (OSIP 010-08)		Method of Implementation: Not Installed - CH-53E (Rev-A) Val/Ver A-Kits OCO				Installation Quantity: 2			

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0528 - H-53 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): DIRCM (OSIP 010-08) - 9
Models of Systems Affected: CH-53D (36), CH-53E (152), 188 Total	Type Modification: MISSION/PERFORMANCE SUSTAINMENT	Related RDT&E PEs:
Installation: DIRCM (OSIP 010-08)	Method of Implementation: Not Installed - CH-53E (Rev-A) A-kits OCO	Installation Quantity: 41
Installation: DIRCM (OSIP 010-08)	Method of Implementation: Not Installed - CH-53D Kits OCO	Installation Quantity: 3
Installation: DIRCM (OSIP 010-08)	Method of Implementation: Not Installed - DIRCM TRUs	Installation Quantity: 117
Installation: DIRCM (OSIP 010-08)	Method of Implementation: Not Installed - Installation Kits N/R	Installation Quantity: 3
Installation: DIRCM (OSIP 010-08)	Method of Implementation: Not Installed - DIRCM B Kits (Phase I)	Installation Quantity: 16
Installation: DIRCM (OSIP 010-08)	Method of Implementation: Not Installed - DIRCM B Kits (Phase II)	Installation Quantity: 16
Installation: DIRCM (OSIP 010-08)	Method of Implementation: Not Installed - DIRCM B Kits (batwings)	Installation Quantity: 15
Installation: DIRCM (OSIP 010-08)	Method of Implementation: Not Installed - DIRCM B Kits (EGI)	Installation Quantity: 116
Installation: DIRCM (OSIP 010-08)	Method of Implementation: Not Installed - DIRCM B Kits (EGI) (OCO)	Installation Quantity: 60
Installation: DIRCM (OSIP 010-08)	Method of Implementation: Not Installed - DIRCM B Kits (AIS)	Installation Quantity: 153

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0528 - H-53 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): H-53 AVIONICS (OSIP 031-12) - 10

Models of Systems Affected: CH-53E (152), MH-53E (31), 188 Total	Type Modification: MISSION/PERFORMANCE SUSTAINMENT	Related RDT&E PEs:
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	0.000	0.000	1.852	0.000	6.870	6.870	0.000	0.000	0.000	0.000	55.600	64.322
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	0.000	0.000	1.852	0.000	6.870	6.870	0.000	0.000	0.000	0.000	55.600	64.322
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	0.000	0.000	1.852	0.000	6.870	6.870	0.000	0.000	0.000	0.000	55.600	64.322

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

This OSIP will fund avionics systems for the H-53 helicopter. The H-53 strategy is to address system obsolescence and deficiencies that require correction to maintain platform relevance on an increasingly networked battlefield. Targeted improvements include, but are not limited to, lack of 8.33 kHz frequency separation FRD compliance, RNP/RNAV certification and FRD compliance, VMF Rev D ch 1 compliance, embedded Terrain Avoidance and Warning System (eTAWS) integration, Collision Avoidance System (CAS) integration, Over-the-Horizon (OTH) communications and Crash Survivable Flight Data Recorder. Safety related improvements include lack of a solution mitigating CFIT risk when operating in Degraded Visual Environments (Reference: CH-53 Zero Visibility Landing) and the egress hazard presented by the Blue Force Tracker (BFT) kneeboard solution. BFT kneeboard hazard is corrected with the incorporation of an integrated Multi-Function Display (MFD) capable of processing and displaying a variety of flight and situational awareness information to pilots. Additionally, this funding provides for the integration of cockpit avionics with Aircraft Survivability Equipment (ASE) to provide time critical data to other battlefield users in order to more rapidly prosecute threats. This funding effort seeks to eliminate these, and other, avionics and ASE related system level deficiencies and safety hazards with the above described improvements as well as ensuring that all H-53 aircraft are equipped with a full complement of ASE required to operate on the modern networked battlefield.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: NRE efforts to develop Shipboard Inertial Navigation System (SINS) alignment capability for the ARC-210 radio will be complete June 2013. Production installation effort will complete June 2014. NRE efforts for modification of eTAWS algorithm for the H-53 aircraft will be complete June 2013. Production and installation effort of eTAWS capable MFD will complete in Sep 2015.

Notes:

1. Installation of QTY (152) VDE A-kits (procured in VDE OSIP 20-07 with FY10 OCO) are occurring simultaneously with BFT installs. Prior Year QTY (46), FY11 QTY (46), FY12 QTY (20) OCO funding in Survivability OSIP 15-05. Remaining installs will be completed in FY13 QTY (40), with OCO funding in Avionics OSIP 31-12.

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0528 - H-53 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): H-53 AVIONICS (OSIP 031-12) - 10
Models of Systems Affected: CH-53E (152), MH-53E (31), 188 Total	Type Modification: MISSION/PERFORMANCE SUSTAINMENT	Related RDT&E PEs:

Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
H-53 AVIONICS (OSIP 031-12)												
A Kits												
Recurring												
1.1.1) SMFCD - NonOrganic	-	-	-	-	-	-	-	-	-	-	-	-
1.1.2) Blue Force Tracker - BFT - NonOrganic	40	0.000	-	-	-	-	-	-	-	-	-	-
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		0.000
B Kits												
Recurring												
2.1.1) CH-53 ARC-210 SATCOM kit-OCO - Organic	-	-	-	-	40	1.600	-	-	-	-	-	-
<i>Subtotal Recurring</i>		0.000		0.000		1.600		0.000		0.000		0.000
<i>Total, H-53 AVIONICS (OSIP 031-12)</i>	40	0.000	-	-	40	1.600	-	-	-	-	-	-
<i>Total, All Modifications</i>		0.000		0.000		1.600		0.000		0.000		0.000
Support												
3.1) Engineering Change Orders	-	0.000	-	-	-	-	-	-	-	-	-	-
3.2) Data	-	0.000	-	-	-	-	-	-	-	-	-	-
3.3) Training Equipment	-	0.000	-	-	-	-	-	-	-	-	-	-
3.4) Support Equipment	-	0.000	-	-	-	-	-	-	-	-	-	-
3.5) ILS	-	0.000	-	-	-	-	-	-	-	-	-	-
3.6) ILS-OCO	-	0.000	-	-	-	-	-	-	-	-	-	-
3.7) Other Support	-	-	-	-	-	-	-	-	-	-	-	-
3.8) Other Support-OCO	-	-	-	-	-	0.252	-	-	-	2.870	-	2.870
3.9) Interim Contractor Support	-	0.000	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		0.000		0.000		0.252		0.000		2.870		2.870
<i>Procurement Cost (Procurement + Support)</i>		0.000		0.000		1.852		0.000		2.870		2.870
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		4.000		4.000
Total Cost (Procurement + Support + Installation)		0.000		0.000		1.852		0.000		6.870		6.870

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0528 - H-53 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): H-53 AVIONICS (OSIP 031-12) - 10
Models of Systems Affected: CH-53E (152), MH-53E (31), 188 Total	Type Modification: MISSION/PERFORMANCE SUSTAINMENT	Related RDT&E PEs:

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
H-53 AVIONICS (OSIP 031-12)												
A Kits												
Recurring												
1.1.1) SMFCD - NonOrganic	-	-	-	-	-	-	0	0.000	129	38.700	129	38.700
1.1.2) Blue Force Tracker - BFT - NonOrganic	-	-	-	-	-	-	-	-	-	-	40	0.000
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		38.700		38.700
B Kits												
Recurring												
2.1.1) CH-53 ARC-210 SATCOM kit-OCO - Organic	-	-	-	-	-	-	-	-	-	-	40	1.600
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		1.600
<i>Total, H-53 AVIONICS (OSIP 031-12)</i>	-	-	-	-	-	-	-	-	129	38.700	209	40.300
<i>Total, All Modifications</i>		0.000		0.000		0.000		0.000		38.700		40.300
Support												
3.1) Engineering Change Orders	-	-	-	-	-	-	-	-	-	-	-	-
3.2) Data	-	-	-	-	-	-	-	-	-	-	-	-
3.3) Training Equipment	-	-	-	-	-	-	-	-	-	-	-	-
3.4) Support Equipment	-	-	-	-	-	-	-	-	-	-	-	-
3.5) ILS	-	-	-	-	-	-	-	-	-	-	-	-
3.6) ILS-OCO	-	-	-	-	-	-	-	-	-	-	-	-
3.7) Other Support	-	-	-	-	-	-	0.000	-	-	4.000	-	4.000
3.8) Other Support-OCO	-	-	-	-	-	-	-	-	-	-	-	3.122
3.9) Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		0.000		0.000		0.000		0.000		4.000		7.122
<i>Procurement Cost (Procurement + Support)</i>		0.000		0.000		0.000		0.000		42.700		47.422
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		12.900		16.900
Total Cost (Procurement + Support + Installation)		0.000		0.000		0.000		0.000		55.600		64.322

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0528 - H-53 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): H-53 AVIONICS (OSIP 031-12) - 10
Models of Systems Affected: CH-53E (152), MH-53E (31), 188 Total	Type Modification: MISSION/PERFORMANCE SUSTAINMENT	Related RDT&E PEs:

Remarks:

Manufacturer Information: H-53 AVIONICS (OSIP 031-12)

Manufacturer Name: Lockheed Martin-BFT				Manufacturer Location: Lexington, KY			
Administrative Leadtime (<i>in Months</i>): 8				Production Leadtime (<i>in Months</i>): 1			
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates			Jan 2013				
Delivery Dates			Feb 2013				

Manufacturer Name: Raytheon-SMFCD				Manufacturer Location: Indianapolis, IN			
Administrative Leadtime (<i>in Months</i>): 3				Production Leadtime (<i>in Months</i>): 4			
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates							
Delivery Dates							

Installation: H-53 AVIONICS (OSIP 031-12) **Method of Implementation: CONTRACTOR FIELD MOD TEAM** **Installation Name: H-53 AVIONICS (OSIP 031-12) - SMFCD**

Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>
All Prior Years	0	0.000	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	-	-

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0528 - H-53 Series
Models of Systems Affected: CH-53E (152), MH-53E (31), 188 Total		Modification Nomenclature (Modification Title, Modification Number): H-53 AVIONICS (OSIP 031-12) - 10
Type Modification: MISSION/PERFORMANCE SUSTAINMENT		Related RDT&E PEs:

Installation: H-53 AVIONICS (OSIP 031-12)	Method of Implementation: CONTRACTOR FIELD MOD TEAM	Installation Name: H-53 AVIONICS (OSIP 031-12) - SMFCD
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Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	0	0.000
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	129	12.900	129	12.900
Total	-	-	-	-	-	-	-	-	129	12.900	129	12.900

Installation Schedule																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	129	129
Out	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	129	129

Installation: H-53 AVIONICS (OSIP 031-12)	Method of Implementation: CONTRACTOR FIELD MOD TEAM	Installation Name: H-53 AVIONICS (OSIP 031-12) - Blue Force Tracker
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	0	0.000	40	4.000	40	4.000
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0528 - H-53 Series
Models of Systems Affected: CH-53E (152), MH-53E (31), 188 Total		Type Modification: MISSION/PERFORMANCE SUSTAINMENT
Related RDT&E PEs:		

Installation: H-53 AVIONICS (OSIP 031-12)	Method of Implementation: CONTRACTOR FIELD MOD TEAM	Installation Name: H-53 AVIONICS (OSIP 031-12) - Blue Force Tracker
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	0	0.000	40	4.000	40	4.000

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	40	4.000
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	40	4.000

Installation Schedule																														
APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	-	-	-	-	-	13	14	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	40
Out	-	-	-	-	-	-	-	-	-	13	14	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	40

Installation: H-53 AVIONICS (OSIP 031-12)	Method of Implementation: Organic - CH-53 ARC-210 SATCOM kit-OCO	Installation Quantity: 40
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UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy							Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0528 - H-53 Series				Modification Nomenclature (<i>Modification Title, Modification Number</i>): Inactive OSIPS - 11				

Models of Systems Affected: H-53 Series			Type Modification: Various					Related RDT&E PEs:				
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	147.250	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	147.250
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	147.250	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	147.250
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	147.250	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	147.250

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

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Exhibit P-3A, Individual Modification: PB 2013 Navy										Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1					P-1 Line Item Nomenclature: 0528 - H-53 Series					Modification Nomenclature (<i>Modification Title, Modification Number</i>): Inactive OSIPS - 11			
Models of Systems Affected: H-53 Series				Type Modification: Various				Related RDT&E PEs:					
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
Inactive OSIPS													
B Kits													
Recurring													
1.1.1) Inactive OSIPS - Organic	-	147.250	-	-	-	-	-	-	-	-	-	-	
<i>Subtotal Recurring</i>		147.250		0.000		0.000		0.000		0.000		0.000	
<i>Total, Inactive OSIPS</i>	-	147.250	-	-	-	-	-	-	-	-	-	-	
<i>Total, All Modifications</i>		147.250		0.000		0.000		0.000		0.000		0.000	
<i>Procurement Cost (Procurement + Support)</i>		147.250		0.000		0.000		0.000		0.000		0.000	
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000	
Total Cost (Procurement + Support + Installation)		147.250		0.000		0.000		0.000		0.000		0.000	
Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
Inactive OSIPS													
B Kits													
Recurring													
1.1.1) Inactive OSIPS - Organic	-	-	-	-	-	-	-	-	-	-	-	147.250	
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		147.250	
<i>Total, Inactive OSIPS</i>	-	-	-	-	-	-	-	-	-	-	-	147.250	
<i>Total, All Modifications</i>		0.000		0.000		0.000		0.000		0.000		147.250	
<i>Procurement Cost (Procurement + Support)</i>		0.000		0.000		0.000		0.000		0.000		147.250	
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000	
Total Cost (Procurement + Support + Installation)		0.000		0.000		0.000		0.000		0.000		147.250	
Remarks:													
Manufacturer Information: Inactive OSIPS													
Manufacturer Name: Manufacturer Name Not Provided.						Manufacturer Location: Manufacturer Location Not Provided.							

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy						Date: February 2012	
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1			P-1 Line Item Nomenclature: 0528 - H-53 Series			Modification Nomenclature (<i>Modification Title, Modification Number</i>): Inactive OSIPS - 11	
Models of Systems Affected: H-53 Series			Type Modification: Various			Related RDT&E PEs:	
Manufacturer Information: Inactive OSIPS							
Administrative Leadtime (<i>in Months</i>):				Production Leadtime (<i>in Months</i>):			
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates							
Delivery Dates							
Installation: Inactive OSIPS							
Method of Implementation: No Quantities Associated with Install				Installation Quantity: 0			

UNCLASSIFIED

Exhibit P-40, Budget Item Justification Sheet: PB 2013 Navy **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity:
 1506N : Aircraft Procurement, Navy / BA 5 : Modification of Aircraft / BSA 1 :
 Modification Of Aircraft

P-1 Line Item Nomenclature:
 0530 - SH-60 Series

ID Code (A=Service Ready, B=Not Service Ready) : A **Program Elements for Code B Items:** **Other Related Program Elements:**

Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	462.303	83.655	83.394	83.527	-	83.527	93.141	94.354	145.244	121.273	635.459	1,802.350
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	462.303	83.655	83.394	83.527	-	83.527	93.141	94.354	145.244	121.273	635.459	1,802.350
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	462.303	83.655	83.394	83.527	-	83.527	93.141	94.354	145.244	121.273	635.459	1,802.350

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

DESCRIPTION: This line item funds modifications to H-60 series aircraft. The H-60 series program of record for modification is comprised of: 30 HH-60H, 138 SH-60B, 65 SH-60F, 173 MH-60S, 84 MH-60R. The HH-60H is a Combat Search and Rescue (CSAR) and Special Warfare Support (SWS) helicopter assigned to carrier airwings aboard Carrier Vessels (CV) and also in two reserve squadrons. The primary missions of the SH-60B are Anti-Submarine (ASW) and Surface Warfare (SUW). The SH-60F is an ASW, dipping sonar helicopter assigned to carrier airwings based aboard aircraft carriers (CV). The SH-60F primary mission is protection of the CV inner zone. The MH-60S is the Fleet Combat Support (HC) Helicopter. The primary missions of the MH-60S are Vertical Replenishment (VERTREP), Search and Rescue (SAR), Organic Airborne Mine Countermeasures (OAMCM), Surface Warfare (SUW), Extended Maritime Interdiction Operations (EMIO), and Navy Organic Combat Search and Rescue (CSAR). The MH-60R is the Multi-Mission Helicopter. The primary missions of the MH-60R are Under Sea Warfare (USW) and Surface Warfare (SUW). The overall goal of the modifications budgeted is for the Integrated Mechanical Diagnostic System (IMDS), Safety Related Systems Upgrade, AMCM/Armed Helo (Correction of Deficiencies) for the MH-60S, Armed Block I Upgrade for the MH-60R, H-60 Helicopter Visit, Board, Search, and Seizure (HVBSS), H-60 Overland Missions, SH-60B KG-45A, MH-60S Warfighting Capability, SH-60B Datalink (KuBand), MH-60R/S Crew Workload - Operator System Interface (OSI), Automatic Radar Periscope Detection Discrimination (ARPDD), and H-60 Aircraft Sustainment. The specific modifications budgeted and programmed are:

Item Schedule		Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total			
Item Nomenclature*	Exhibits	ID CD	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
009-03 SAFETY RELATED SYSTEM UPGRADE - 1	P3A		-	-	41.905	-	-	5.013	-	-	3.870	-	-	3.421	-	-	0.000	-	-	3.421
016-04 MH-60S ARMED HELO/AMCM - 2	P3A		-	-	42.530	-	-	7.171	-	-	0.946	-	-	0.602	-	-	0.000	-	-	0.602
001-06 MH-60R ARMED BLOCK I UPGRADE - 3	P3A		-	-	80.329	-	-	21.483	-	-	22.852	-	-	13.362	-	-	0.000	-	-	13.362
008-07 H-60 HVBSS - 4	P3A		-	-	21.428	-	-	6.430	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000

UNCLASSIFIED

Exhibit P-40, Budget Item Justification Sheet: PB 2013 Navy **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity:
1506N : Aircraft Procurement, Navy / BA 5 : Modification of Aircraft / BSA 1 :
Modification Of Aircraft

P-1 Line Item Nomenclature:
0530 - SH-60 Series

ID Code (A=Service Ready, B=Not Service Ready) : A **Program Elements for Code B Items:** **Other Related Program Elements:**

Item Schedule		ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
009-07 MH-60S WARFIGHTING CAPABILITY - 5	P3A		-	-	55.469	-	-	19.545	-	-	25.257	-	-	18.343	-	-	0.000	-	-	18.343
023-08 H-60 OVERLAND MISSIONS - 6	P3A		-	-	10.269	-	-	0.000	-	-	3.000	-	-	3.700	-	-	0.000	-	-	3.700
008-09 SH-60B DATALINK - 7	P3A		-	-	10.343	-	-	3.048	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000
009-09 MH-60R/S CREW WORKLOAD - OPERATOR SYSTEM INTERFACE - 8	P3A		-	-	8.865	-	-	20.965	-	-	7.036	-	-	2.392	-	-	0.000	-	-	2.392
005-12 AUTOMATIC RADAR PERISCOPE DETECTION DESCRIMINATION (ARPPD) - 9	P3A		-	-	0.000	-	-	0.000	-	-	15.033	-	-	33.486	-	-	0.000	-	-	33.486
018-12 H-60 AIRCRAFT SUSTAINMENT - 10	P3A		-	-	0.000	-	-	0.000	-	-	5.400	-	-	8.221	-	-	0.000	-	-	8.221
Inactive OSIPs - 11	P3A		-	-	191.165	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000
Total Gross/Weapon System Cost					462.303			83.655			83.394			83.527			-			83.527

Item Nomenclature*	Exhibits	ID CD	FY 2014			FY 2015			FY 2016			FY 2017			To Complete			Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
009-03 SAFETY RELATED SYSTEM UPGRADE - 1	P3A		-	-	2.639	-	-	1.531	-	-	2.558	-	-	2.771	-	-	48.262	-	-	111.970
016-04 MH-60S ARMED HELO/AMCM - 2	P3A		-	-	0.763	-	-	0.272	-	-	0.250	-	-	2.136	-	-	21.252	-	-	75.922
001-06 MH-60R ARMED BLOCK I UPGRADE - 3	P3A		-	-	16.582	-	-	12.690	-	-	14.788	-	-	26.069	-	-	0.000	-	-	208.155
008-07 H-60 HVBSS - 4	P3A		-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	27.858
009-07 MH-60S WARFIGHTING CAPABILITY - 5	P3A		-	-	21.596	-	-	32.229	-	-	44.954	-	-	43.770	-	-	65.567	-	-	326.730
023-08 H-60 OVERLAND MISSIONS - 6	P3A		-	-	2.601	-	-	0.341	-	-	0.000	-	-	0.000	-	-	0.000	-	-	19.911
008-09 SH-60B DATALINK - 7	P3A		-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	13.391
009-09 MH-60R/S CREW WORKLOAD - OPERATOR SYSTEM INTERFACE - 8	P3A		-	-	0.000	-	-	0.000	-	-	33.828	-	-	0.000	-	-	4.957	-	-	78.043

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0530 - SH-60 Series	Modification Nomenclature (Modification Title, Modification Number): 009-03 SAFETY RELATED SYSTEM UPGRADE - 1

Models of Systems Affected: SH-60B, SH-60F, HH-60H, MH-60R, MH-60S	Type Modification: OPERATIONAL ENHANCEMENT OPERATIONAL ENHANCEMENT	Related RDT&E PEs:
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	41.905	5.013	3.870	3.421	0.000	3.421	2.639	1.531	2.558	2.771	48.262	111.970
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	41.905	5.013	3.870	3.421	0.000	3.421	2.639	1.531	2.558	2.771	48.262	111.970
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	41.905	5.013	3.870	3.421	0.000	3.421	2.639	1.531	2.558	2.771	48.262	111.970

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

DESCRIPTION/JUSTIFICATION: DESCRIPTION/JUSTIFICATION: Safety Related Systems Upgrade funds modifications to improve the safety of operating H-60 Series aircraft in all operations. In addition to those modifications specifically cited below, this OSIP provides the vehicle to expeditiously fund and correct H-60 Series airframe and avionics safety-related deficiencies (HRI 1-10). T700 Engine Safety Improvements (New White Harness) funds ECPs to provide encapsulated (waterproof) engine wire harness. In addition, troubleshoots T700 Engine problems in the H-60 community, and finds fixes. In addition, the T700 will undergo an engine upgrade in support of high gross weight and high altitude operations. The engine upgrades include CMC shroud, GGT IS seal and cutback diffuser. The New White Harness will be installed two (2) per aircraft. Wide Field of Vision (FOV) Night Vision Device increases nighttime situational awareness and improves safety-of-forces. New Torque Shaft and Lever Bearings are less prone to corrosion, which will reduce the chance of flight controls binding in flight. The Global Positioning System (GPS), navigation aides, provides an immediate interim solution to mitigate risk of controlled flight into obstacles and terrain for all T/M/S H-60 helicopters. These systems enhance aircrew situational awareness and provide an obstacle database. New NVD compatible bezels for the SH-60B will eliminate shadows and allow aircrew to see critical flight instrumentation.

DESCRIPTION / JUSTIFICATION (SH-60B, SH-60F, HH-60H): Stabilator Control System Redesign solved problems of uncommanded runaway without caution alerts. H-60 Lighted RAST Probe provides a luminescent messenger cable. Fast Tactical Imaging (FTI) Terminals and Imaging and Communications Environment (ICE) software allow H-60 H/B aircraft to link imagery and target data with Carrier Strike Group and Joint Special Operations forces, increasing battlefield situational awareness, improving safety-of-forces, and enhancing precision strike capability in close-air-support of Special Warfare forces. GAU-17 Weapon Assembly Mod funds (35) A-kits for HH-60H aircraft. Force XXXI Battle Command Brigade and Below (FBCB2) Blue Force Tracker (BFT) is a current theatre requirement for overland helicopter missions. FBCB2 BFT provides two-way, near-real-time friendly force and threat location and display, two-way text messaging, and tactical operation center support. System is designed to improve Commander and cockpit situational awareness to improve combat effectiveness and mitigate fratricide risks. The door tracks on the HH-60H will correct high wear components. A scratch resistant center windscreen will replace the plexiglass windscreen and allow for increased visual acuity.

DESCRIPTION / JUSTIFICATION (MH-60S, MH-60R): - The Ground Proximity Warning System (GPWS) will be a software-based system that takes existing aircraft data and calculates a recovery profile to the above ground attitude of the aircraft. If the recovery profile (plus a suitable buffer) intercepts this ground height, GPWS will generate a warning to the pilot. Other means of generating a warning may also be used to ensure maximum detection with minimum nuisance cues. Force XXXI Battle Command Brigade and Below (FBCB2) Blue Force Tracker (BFT) is a current theatre requirement for overland helicopter missions. FBCB2 BFT provides two-way, near-real-time friendly force and threat location and display, two-way text messaging, and tactical operation center support. System is designed to improve Commander and cockpit situational awareness to improve combat effectiveness and mitigate fratricide risks.

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0530 - SH-60 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): 009-03 SAFETY RELATED SYSTEM UPGRADE - 1

Models of Systems Affected: SH-60B, SH-60F, HH-60H, MH-60R, MH-60S	Type Modification: OPERATIONAL ENHANCEMENT OPERATIONAL ENHANCEMENT	Related RDT&E PEs:
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
009-03 SAFETY RELATED SYSTEM UPGRADE												
A Kits												
Recurring												
1.1.1) H-60 HIGH SPEED SHAFT (ALL TMS) - Organic	685	8.391	-	-	-	-	-	-	-	-	-	-
1.1.2) H-60 LIGHTED RAST PROBE(SH-60B/F/HH-60H) - Organic	202	0.084	-	-	-	-	-	-	-	-	-	-
1.1.3) HH-60H GAU-17 Weapon Assembly Mod - Organic	15	0.225	-	-	-	-	-	-	-	-	-	-
1.1.4) HH-60H GUNNER BELTS (Webbing Retractors) - Organic	120	0.238	-	-	-	-	-	-	-	-	-	-
1.1.5) MH-60S GUNNER BELTS (Webbing Retractors) - Organic	116	0.230	-	-	-	-	-	-	-	-	-	-
1.1.6) NEW WHITE HARNESS (ALL TMS) - Organic	408	3.077	-	-	-	-	-	-	-	-	-	-
1.1.7) SH-60B GUNNER BELTS (Webbing Retractors) - Organic	160	0.317	-	-	-	-	-	-	-	-	-	-
1.1.8) SH-60F GUNNER BELTS (Webbing Retractors) - Organic	222	0.439	-	-	-	-	-	-	-	-	-	-
1.1.9) WHITE HARNESS (ALL TMS) - Organic	548	0.233	-	-	-	-	-	-	-	-	-	-
1.1.10) BLUE FORCE TRACKER (BFT) - Organic	36	0.706	-	-	-	-	-	-	-	-	-	-
1.1.11) NVD BEZELS - NonOrganic	83	0.747	-	-	-	-	-	-	-	-	-	-
1.1.12) Pilot Display Unit/Central Display Unit (PDU/CDU) - Organic	79	2.249	-	-	-	-	-	-	-	-	-	-
1.1.13) T700 Engine - Organic	-	-	-	-	-	-	-	-	-	-	-	-
1.1.14) Prior Year Inactive Installations - Organic	284	0.796	-	-	-	-	-	-	-	-	-	-
Subtotal Recurring		17.732		0.000		0.000		0.000		0.000		0.000
NonRecurring												
1.2.1) Installation Kits N/R - Organic	-	3.052	-	-	-	-	-	-	-	-	-	-
1.2.2) T700 Engines - Organic	-	-	-	2.379	-	2.938	-	2.534	-	-	-	2.534
Subtotal NonRecurring		3.052		2.379		2.938		2.534		0.000		2.534
B Kits												
Recurring												
2.1.1) HH-60H/SH-60B FAST TACTICAL IMAGING - Organic	54	0.516	-	-	-	-	-	-	-	-	-	-
2.1.2) MH-60S GPWS CARDS - Organic	128	0.726	-	-	-	-	-	-	-	-	-	-

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0530 - SH-60 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): 009-03 SAFETY RELATED SYSTEM UPGRADE - 1

Models of Systems Affected: SH-60B, SH-60F, HH-60H, MH-60R, MH-60S	Type Modification: OPERATIONAL ENHANCEMENT OPERATIONAL ENHANCEMENT	Related RDT&E PEs:
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
2.1.3) MH-60S/MH-60R GUNNER BELTS - Organic	104	0.272	-	-	-	-	-	-	-	-	-	-
2.1.4) SH-60B/SH-60F/HH-60H GUNNER BELTS - Organic	78	0.200	-	-	-	-	-	-	-	-	-	-
2.1.5) SH-60B/SH-60F/HH-60H LIGHTED RAST PROBE - Organic	1	0.074	-	-	-	-	-	-	-	-	-	-
2.1.6) WIDE FOV NVG (ALL TMS) - Organic	-	-	-	-	-	-	-	-	-	-	-	-
2.1.7) BLUE FORCE TRACKER (BFT) - Organic	36	1.839	-	-	-	-	-	-	-	-	-	-
2.1.9) GLOBAL POSITIONING SYSTEM (GPS) - Organic	508	0.306	-	-	-	-	-	-	-	-	-	-
<i>Subtotal Recurring</i>		3.933		0.000		0.000		0.000		0.000		0.000
NonRecurring												
2.2.1) Installation Equipment N/R - Organic	-	3.148	-	-	-	-	-	-	-	-	-	-
<i>Subtotal NonRecurring</i>		3.148		0.000		0.000		0.000		0.000		0.000
Total, 009-03 SAFETY RELATED SYSTEM UPGRADE	3,867	27.865	-	2.379	-	2.938	-	2.534	-	-	-	2.534
Total, All Modifications		27.865		2.379		2.938		2.534		0.000		2.534
Support												
3.1) Engineering Change Orders	-	0.000	-	-	-	-	-	-	-	-	-	-
3.2) SAFTEY RELATED ECO	-	0.030	-	-	-	-	-	-	-	-	-	-
3.3) Data	-	1.670	-	-	-	-	-	-	-	-	-	-
3.4) Training Equipment	-	0.429	-	-	-	-	-	-	-	-	-	-
3.5) Support Equipment	-	0.000	-	-	-	-	-	-	-	-	-	-
3.6) ILS	-	0.640	-	-	-	-	-	-	-	-	-	-
3.7) Other Support	-	11.271	-	2.053	-	0.932	-	0.887	-	-	-	0.887
3.8) Interim Contractor Support	-	0.000	-	-	-	-	-	-	-	-	-	-
Total Support Cost		14.040		2.053		0.932		0.887		0.000		0.887
Procurement Cost (Procurement + Support)		41.905		4.432		3.870		3.421		0.000		3.421
Total Installation Cost		0.000		0.581		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		41.905		5.013		3.870		3.421		0.000		3.421

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy								Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0530 - SH-60 Series				Modification Nomenclature (<i>Modification Title, Modification Number</i>): 009-03 SAFETY RELATED SYSTEM UPGRADE - 1					
Models of Systems Affected: SH-60B, SH-60F, HH-60H, MH-60R, MH-60S				Type Modification: OPERATIONAL ENHANCEMENT OPERATIONAL ENHANCEMENT				Related RDT&E PEs:					
Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
009-03 SAFETY RELATED SYSTEM UPGRADE													
A Kits													
Recurring													
1.1.1) H-60 HIGH SPEED SHAFT (ALL TMS) - Organic	-	-	-	-	-	-	-	-	-	-	685	8.391	
1.1.2) H-60 LIGHTED RAST PROBE(SH-60B/F/HH-60H) - Organic	-	-	-	-	-	-	-	-	-	-	202	0.084	
1.1.3) HH-60H GAU-17 Weapon Assembly Mod - Organic	-	-	-	-	-	-	-	-	-	-	15	0.225	
1.1.4) HH-60H GUNNER BELTS (Webbing Retractors) - Organic	-	-	-	-	-	-	-	-	-	-	120	0.238	
1.1.5) MH-60S GUNNER BELTS (Webbing Retractors) - Organic	-	-	-	-	-	-	-	-	-	-	116	0.230	
1.1.6) NEW WHITE HARNESS (ALL TMS) - Organic	-	-	-	-	-	-	-	-	-	-	408	3.077	
1.1.7) SH-60B GUNNER BELTS (Webbing Retractors) - Organic	-	-	-	-	-	-	-	-	-	-	160	0.317	
1.1.8) SH-60F GUNNER BELTS (Webbing Retractors) - Organic	-	-	-	-	-	-	-	-	-	-	222	0.439	
1.1.9) WHITE HARNESS (ALL TMS) - Organic	-	-	-	-	-	-	-	-	-	-	548	0.233	
1.1.10) BLUE FORCE TRACKER (BFT) - Organic	-	-	-	-	-	-	-	-	-	-	36	0.706	
1.1.11) NVD BEZELS - NonOrganic	-	-	-	-	-	-	-	-	-	-	83	0.747	
1.1.12) Pilot Display Unit/Central Display Unit (PDU/CDU) - Organic	-	-	-	-	-	-	-	-	-	-	79	2.249	
1.1.13) T700 Engine - Organic	55	1.650	37	1.110	46	1.380	60	1.800	1,202	36.060	1,400	42.000	
1.1.14) Prior Year Inactive Installations - Organic	-	-	-	-	-	-	-	-	-	-	284	0.796	
<i>Subtotal Recurring</i>		1.650		1.110		1.380		1.800		36.060		59.732	
NonRecurring													
1.2.1) Installation Kits N/R - Organic	-	-	-	-	-	-	-	-	-	-	-	3.052	
1.2.2) T700 Engines - Organic	-	-	-	-	-	-	-	-	-	-	-	7.851	
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		10.903	
B Kits													
Recurring													
2.1.1) HH-60H/SH-60B FAST TACTICAL IMAGING - Organic	-	-	-	-	-	-	-	-	-	-	54	0.516	
2.1.2) MH-60S GPWS CARDS - Organic	-	-	-	-	-	-	-	-	-	-	128	0.726	

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0530 - SH-60 Series	Modification Nomenclature (Modification Title, Modification Number): 009-03 SAFETY RELATED SYSTEM UPGRADE - 1

Models of Systems Affected: SH-60B, SH-60F, HH-60H, MH-60R, MH-60S	Type Modification: OPERATIONAL ENHANCEMENT OPERATIONAL ENHANCEMENT	Related RDT&E PEs:
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
2.1.3) MH-60S/MH-60R GUNNER BELTS - Organic	-	-	-	-	-	-	-	-	-	-	104	0.272
2.1.4) SH-60B/SH-60F/HH-60H GUNNER BELTS - Organic	-	-	-	-	-	-	-	-	-	-	78	0.200
2.1.5) SH-60B/SH-60F/HH-60H LIGHTED RAST PROBE - Organic	-	-	-	-	-	-	-	-	-	-	1	0.074
2.1.6) WIDE FOV NVG (ALL TMS) - Organic	-	-	-	-	-	-	0	0.000	155	12.202	155	12.202
2.1.7) BLUE FORCE TRACKER (BFT) - Organic	-	-	-	-	-	-	-	-	-	-	36	1.839
2.1.9) GLOBAL POSITIONING SYSTEM (GPS) - Organic	-	-	-	-	-	-	-	-	-	-	508	0.306
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		12.202		16.135
NonRecurring												
2.2.1) Installation Equipment N/R - Organic	-	-	-	-	-	-	-	-	-	-	-	3.148
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		3.148
Total, 009-03 SAFETY RELATED SYSTEM UPGRADE	55	1.650	37	1.110	46	1.380	60	1.800	1,357	48.262	5,422	89.918
Total, All Modifications		1.650		1.110		1.380		1.800		48.262		89.918
Support												
3.1) Engineering Change Orders	-	-	-	-	-	-	-	-	-	-	-	-
3.2) SAFTEY RELATED ECO	-	-	-	-	-	-	-	-	-	-	-	0.030
3.3) Data	-	-	-	-	-	-	-	-	-	-	-	1.670
3.4) Training Equipment	-	-	-	-	-	-	-	-	-	-	-	0.429
3.5) Support Equipment	-	-	-	-	-	-	-	-	-	-	-	-
3.6) ILS	-	-	-	-	-	-	-	-	-	-	-	0.640
3.7) Other Support	-	0.989	-	0.421	-	1.178	-	0.971	-	-	-	18.702
3.8) Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	-
Total Support Cost		0.989		0.421		1.178		0.971		0.000		21.471
Procurement Cost (Procurement + Support)		2.639		1.531		2.558		2.771		48.262		111.389
Total Installation Cost		0.000		0.000		0.000		0.000		0.000		0.581
Total Cost (Procurement + Support + Installation)		2.639		1.531		2.558		2.771		48.262		111.970

Remarks:

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0530 - SH-60 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): 009-03 SAFETY RELATED SYSTEM UPGRADE - 1

Models of Systems Affected: SH-60B, SH-60F, HH-60H, MH-60R, MH-60S	Type Modification: OPERATIONAL ENHANCEMENT OPERATIONAL ENHANCEMENT	Related RDT&E PEs:
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Manufacturer Information: 009-03 SAFETY RELATED SYSTEM UPGRADE

Manufacturer Name: NVD Bezels--Contractor Field Mod Team	Manufacturer Location: New MFG - Loc
Administrative Leadtime (<i>in Months</i>): 8	Production Leadtime (<i>in Months</i>): 4

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates							
Delivery Dates							

Installation: 009-03 SAFETY RELATED SYSTEM UPGRADE **Method of Implementation:** Contractor Field Mod Team **Installation Name:** NVD BEZELS

Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	83	0.581	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	83	0.581	-	-	-	-	-	-	-	-

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	83	0.581
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0530 - SH-60 Series	Modification Nomenclature (Modification Title, Modification Number): 009-03 SAFETY RELATED SYSTEM UPGRADE - 1

Models of Systems Affected: SH-60B, SH-60F, HH-60H, MH-60R, MH-60S	Type Modification: OPERATIONAL ENHANCEMENT OPERATIONAL ENHANCEMENT	Related RDT&E PEs:
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Installation: 009-03 SAFETY RELATED SYSTEM UPGRADE	Method of Implementation: Contractor Field Mod Team	Installation Name: NVD BEZELS
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Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	83	0.581

Installation Schedule																																
APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot		
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4				
In	-	-	-	42	41	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	83
Out	-	-	-	42	41	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	83

Installation: 009-03 SAFETY RELATED SYSTEM UPGRADE	Method of Implementation: Not Installed - H-60 HIGH SPEED SHAFT (ALL TMS)	Installation Quantity: 685
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Installation: 009-03 SAFETY RELATED SYSTEM UPGRADE	Method of Implementation: Not Installed - H-60 LIGHTED RAST PROBE(SH-60B/F/HH-60H)	Installation Quantity: 202
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Installation: 009-03 SAFETY RELATED SYSTEM UPGRADE	Method of Implementation: Not Installed - HH-60H GAU-17 Weapon Assembly Mod	Installation Quantity: 15
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Installation: 009-03 SAFETY RELATED SYSTEM UPGRADE	Method of Implementation: Not Installed - HH-60H GUNNER BELTS (Webbing Retractors)	Installation Quantity: 120
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Installation: 009-03 SAFETY RELATED SYSTEM UPGRADE	Method of Implementation: Not Installed - MH-60S GUNNER BELTS (Webbing Retractors)	Installation Quantity: 116
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Installation: 009-03 SAFETY RELATED SYSTEM UPGRADE	Method of Implementation: Not Installed - NEW WHITE HARNESS (ALL TMS)	Installation Quantity: 408
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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0530 - SH-60 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): 009-03 SAFETY RELATED SYSTEM UPGRADE - 1
Models of Systems Affected: SH-60B, SH-60F, HH-60H, MH-60R, MH-60S	Type Modification: OPERATIONAL ENHANCEMENT OPERATIONAL ENHANCEMENT	Related RDT&E PEs:
Installation: 009-03 SAFETY RELATED SYSTEM UPGRADE	Method of Implementation: Not Installed - SH-60B GUNNER BELTS (Webbing Retractors)	Installation Quantity: 160
Installation: 009-03 SAFETY RELATED SYSTEM UPGRADE	Method of Implementation: Not Installed - SH-60F GUNNER BELTS (Webbing Retractors)	Installation Quantity: 222
Installation: 009-03 SAFETY RELATED SYSTEM UPGRADE	Method of Implementation: Not Installed - WHITE HARNESS (ALL TMS)	Installation Quantity: 548
Installation: 009-03 SAFETY RELATED SYSTEM UPGRADE	Method of Implementation: Not Installed - BLUE FORCE TRACKER (BFT)	Installation Quantity: 36
Installation: 009-03 SAFETY RELATED SYSTEM UPGRADE	Method of Implementation: Not Installed - Pilot Display Unit/Central Display Unit (PDU/CDU)	Installation Quantity: 79
Installation: 009-03 SAFETY RELATED SYSTEM UPGRADE	Method of Implementation: Not Installed - T700 Engine	Installation Quantity: 1400
Installation: 009-03 SAFETY RELATED SYSTEM UPGRADE	Method of Implementation: Not Installed - Prior Year Inactive Installations	Installation Quantity: 284
Installation: 009-03 SAFETY RELATED SYSTEM UPGRADE	Method of Implementation: Not Installed - HH-60H/SH-60B FAST TACTICAL IMAGING	Installation Quantity: 54
Installation: 009-03 SAFETY RELATED SYSTEM UPGRADE	Method of Implementation: Not Installed - MH-60S GPWS CARDS	Installation Quantity: 128
Installation: 009-03 SAFETY RELATED SYSTEM UPGRADE	Method of Implementation: Not Installed - MH-60S/MH-60R GUNNER BELTS	Installation Quantity: 104
Installation: 009-03 SAFETY RELATED SYSTEM UPGRADE	Method of Implementation: Not Installed - SH-60B/SH-60F/HH-60H GUNNER BELTS	Installation Quantity: 78
Installation: 009-03 SAFETY RELATED SYSTEM UPGRADE	Method of Implementation: Not Installed - SH-60B/SH-60F/HH-60H LIGHTED RAST PROBE	Installation Quantity: 1

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0530 - SH-60 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): 009-03 SAFETY RELATED SYSTEM UPGRADE - 1
Models of Systems Affected: SH-60B, SH-60F, HH-60H, MH-60R, MH-60S	Type Modification: OPERATIONAL ENHANCEMENT OPERATIONAL ENHANCEMENT	Related RDT&E PEs:
Installation: 009-03 SAFETY RELATED SYSTEM UPGRADE	Method of Implementation: Not Installed - WIDE FOV NVG (ALL TMS)	Installation Quantity: 155
Installation: 009-03 SAFETY RELATED SYSTEM UPGRADE	Method of Implementation: Not Installed - BLUE FORCE TRACKER (BFT)	Installation Quantity: 36
Installation: 009-03 SAFETY RELATED SYSTEM UPGRADE	Method of Implementation: Not Installed - GLOBAL POSITIONING SYSTEM (GPS)	Installation Quantity: 508

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0530 - SH-60 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): 016-04 MH-60S ARMED HELO/AMCM - 2

Models of Systems Affected: MH-60S **Type Modification:** OPERATIONAL ENHANCEMENT **Related RDT&E PEs:**

Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	42.530	7.171	0.946	0.602	0.000	0.602	0.763	0.272	0.250	2.136	21.252	75.922
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	42.530	7.171	0.946	0.602	0.000	0.602	0.763	0.272	0.250	2.136	21.252	75.922
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	42.530	7.171	0.946	0.602	0.000	0.602	0.763	0.272	0.250	2.136	21.252	75.922

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

DESCRIPTION/JUSTIFICATION: Based on Developmental and Operational testing, Fleet aircraft require modifications to correct identified deficiencies incorporated in production aircraft. These modifications include corrections to Common Cockpit Avionics, Auxiliary Fuel System, High Maintenance Battery, Search and Rescue Equipment, Rotor System and Airframe, Night Vision Device Exterior Lighting, AMCM Mission Equipment and Armed Helo Ancillary Equipment. Current retrofit plan is as follows: The Aux Tank A kit (ECP 4000 retrofit) will be retrofit on 50 aircraft. ECP 4010 is a retrofit of ECP 4000. Aux Tank B kits (two tanks per kit) and AMCM Mission Equipment are not procured on a one for one basis with the A kit modifications. No install required. The Bifilar B Kit and Ultra Low Maintenance Battery were retrofitted as an "O" Level install on 50 aircraft. Night Vision Device Capable Aircraft Lighting will be retrofit on 134 Aircraft.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: The MH-60S aircraft completed OPEVAL in Mar 2002; MS III was completed 12 Aug 2002. The validation of the Aux Tank capability was completed in the second quarter of FY 2005.

P3A NOTES: Four ECP 4000 kits installed as val/ver NRE.

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Exhibit P-3A, Individual Modification: PB 2013 Navy										Date: February 2012				
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1					P-1 Line Item Nomenclature: 0530 - SH-60 Series					Modification Nomenclature (<i>Modification Title, Modification Number</i>): 016-04 MH-60S ARMED HELO/AMCM - 2				
Models of Systems Affected: MH-60S					Type Modification: OPERATIONAL ENHANCEMENT					Related RDT&E PEs:				
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total			
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)		
Procurement														
016-04 MH-60S ARMED HELO/AMCM														
A Kits														
Recurring														
1.1.1) Bifilar - Organic	50	2.613	-	-	-	-	-	-	-	-	-	-		
1.1.2) ECP 4000 Retrofit - NonOrganic	45	9.927	-	-	-	-	-	-	-	-	-	-		
1.1.3) ECP 4000 Retrofit - Organic	4	0.880	-	-	-	-	-	-	-	-	-	-		
1.1.4) NVD KITS - NonOrganic	76	3.511	31	1.656	3	0.114	9	0.342	-	-	9	0.342		
1.1.5) ULMB - Organic	26	0.583	-	-	-	-	-	-	-	-	-	-		
<i>Subtotal Recurring</i>		17.514		1.656		0.114		0.342		0.000		0.342		
NonRecurring														
1.2.1) Installations Kits N/R - Organic	-	3.779	-	-	-	-	-	-	-	-	-	-		
<i>Subtotal NonRecurring</i>		3.779		0.000		0.000		0.000		0.000		0.000		
B Kits														
Recurring														
2.1.1) AMCM Mission Equipment - Organic	13	11.753	2	0.708	-	-	-	-	-	-	-	-		
2.1.2) Armed Helo Kit Mods - Organic	22	0.220	-	-	-	-	-	-	-	-	-	-		
2.1.3) Aux Tanks - Organic	20	2.810	-	-	-	-	-	-	-	-	-	-		
<i>Subtotal Recurring</i>		14.783		0.708		0.000		0.000		0.000		0.000		
NonRecurring														
2.2.1) Installation Equipment N/R - Organic	-	-	-	-	-	-	-	-	-	-	-	-		
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		0.000		
<i>Total, 016-04 MH-60S ARMED HELO/AMCM</i>	256	36.076	33	2.364	3	0.114	9	0.342	-	-	9	0.342		
<i>Total, All Modifications</i>		36.076		2.364		0.114		0.342		0.000		0.342		
Support														
3.1) Engineering Change Orders	-	0.000	-	-	-	-	-	-	-	-	-	-		
3.2) Data	-	0.488	-	-	-	-	-	-	-	-	-	-		
3.3) Training Equipment	-	0.000	-	-	-	-	-	-	-	-	-	-		

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0530 - SH-60 Series	Modification Nomenclature (Modification Title, Modification Number): 016-04 MH-60S ARMED HELO/AMCM - 2

Models of Systems Affected: MH-60S	Type Modification: OPERATIONAL ENHANCEMENT	Related RDT&E PEs:										
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
3.4) Support Equipment	-	0.000	-	-	-	-	-	-	-	-	-	-
3.5) ILS	-	0.000	-	-	-	-	-	-	-	-	-	-
3.6) Other Support	-	0.935	-	0.800	-	0.029	-	0.050	-	-	-	0.050
3.7) Interim Contractor Support	-	0.000	-	-	-	-	-	-	-	-	-	-
Total Support Cost		1.423		0.800		0.029		0.050		0.000		0.050
Procurement Cost (Procurement + Support)		37.499		3.164		0.143		0.392		0.000		0.392
Total Installation Cost		5.031		4.007		0.803		0.210		0.000		0.210
Total Cost (Procurement + Support + Installation)		42.530		7.171		0.946		0.602		0.000		0.602

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
016-04 MH-60S ARMED HELO/AMCM												
A Kits												
Recurring												
1.1.1) Bifilar - Organic	-	-	-	-	-	-	-	-	-	-	50	2.613
1.1.2) ECP 4000 Retrofit - NonOrganic	-	-	-	-	-	-	-	-	-	-	45	9.927
1.1.3) ECP 4000 Retrofit - Organic	-	-	-	-	-	-	-	-	-	-	4	0.880
1.1.4) NVD KITS - NonOrganic	15	0.581	-	-	-	-	-	-	-	-	134	6.204
1.1.5) ULMB - Organic	-	-	-	-	-	-	-	-	-	-	26	0.583
Subtotal Recurring		0.581		0.000		0.000		0.000		0.000		20.207
NonRecurring												
1.2.1) Installations Kits N/R - Organic	-	-	-	-	-	-	-	-	-	-	-	3.779
Subtotal NonRecurring		0.000		0.000		0.000		0.000		0.000		3.779
B Kits												
Recurring												
2.1.1) AMCM Mission Equipment - Organic	-	-	-	-	-	-	2	1.326	28	18.984	45	32.771
2.1.2) Armed Helo Kit Mods - Organic	-	-	-	-	-	-	-	-	-	-	22	0.220

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0530 - SH-60 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): 016-04 MH-60S ARMED HELO/AMCM - 2

Models of Systems Affected: MH-60S	Type Modification: OPERATIONAL ENHANCEMENT	Related RDT&E PEs:
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
2.1.3) Aux Tanks - Organic	-	-	-	-	-	-	-	-	-	-	20	2.810
<i>Subtotal Recurring</i>		0.000		0.000		0.000		1.326		18.984		35.801
NonRecurring												
2.2.1) Installation Equipment N/R - Organic	-	-	-	-	-	0.250	-	-	-	-	-	0.250
<i>Subtotal NonRecurring</i>		0.000		0.000		0.250		0.000		0.000		0.250
<i>Total, 016-04 MH-60S ARMED HELO/AMCM</i>	15	0.581	-	-	-	0.250	2	1.326	28	18.984	346	60.037
<i>Total, All Modifications</i>		0.581		0.000		0.250		1.326		18.984		60.037
Support												
3.1) Engineering Change Orders	-	-	-	-	-	-	-	-	-	-	-	-
3.2) Data	-	-	-	-	-	-	-	0.150	-	-	-	0.638
3.3) Training Equipment	-	-	-	-	-	-	-	-	-	-	-	-
3.4) Support Equipment	-	-	-	-	-	-	-	-	-	-	-	-
3.5) ILS	-	-	-	-	-	-	-	-	-	-	-	-
3.6) Other Support	-	0.054	-	0.054	-	-	-	0.660	-	2.268	-	4.850
3.7) Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		0.054		0.054		0.000		0.810		2.268		5.488
<i>Procurement Cost (Procurement + Support)</i>		0.635		0.054		0.250		2.136		21.252		65.525
<i>Total Installation Cost</i>		0.128		0.218		0.000		0.000		0.000		10.397
Total Cost (Procurement + Support + Installation)		0.763		0.272		0.250		2.136		21.252		75.922

Remarks:

Manufacturer Information: 016-04 MH-60S ARMED HELO/AMCM

Manufacturer Name: ECP 4000/4010--FRCMA/FRCSW	Manufacturer Location: Norfolk/San Diego
Administrative Leadtime (in Months): 0	Production Leadtime (in Months): 0

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates							
Delivery Dates							

Manufacturer Name: NVD Lighting--Contractor Field Mod Team	Manufacturer Location: New MFG - Loc
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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0530 - SH-60 Series	Modification Nomenclature (Modification Title, Modification Number): 016-04 MH-60S ARMED HELO/AMCM - 2

Models of Systems Affected: MH-60S	Type Modification: OPERATIONAL ENHANCEMENT	Related RDT&E PEs:
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Manufacturer Information: 016-04 MH-60S ARMED HELO/AMCM
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Administrative Leadtime (in Months): 6				Production Leadtime (in Months): 11			
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates	May 2011	Mar 2012	Mar 2013	Mar 2014			
Delivery Dates	Mar 2012	Jan 2013	Jan 2014	Jan 2015			

Installation: 016-04 MH-60S ARMED HELO/AMCM	Method of Implementation: Contractor Field Mod Team	Installation Name: ECP 4000 Retrofit
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	28	5.031	16	3.184	1	0.200	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	28	5.031	16	3.184	1	0.200	-	-	-	-	-	-

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	45	8.415
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0530 - SH-60 Series
Modification Nomenclature (Modification Title, Modification Number): 016-04 MH-60S ARMED HELO/AMCM - 2		

Models of Systems Affected: MH-60S	Type Modification: OPERATIONAL ENHANCEMENT	Related RDT&E PEs:
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Installation: 016-04 MH-60S ARMED HELO/AMCM	Method of Implementation: Contractor Field Mod Team	Installation Name: ECP 4000 Retrofit
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Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	45	8.415

Installation Schedule																																
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot	
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4			
In	28	3	4	5	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	45
Out	28	3	4	5	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	45

Installation: 016-04 MH-60S ARMED HELO/AMCM	Method of Implementation: Contractor Field Mod Team	Installation Name: NVD KITS
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	48	0.823	28	0.359	-	-	-	-	-	-
FY 2011	-	-	-	-	19	0.244	12	0.168	0	0.000	12	0.168
FY 2012	-	-	-	-	-	-	3	0.042	0	0.000	3	0.042
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	48	0.823	47	0.603	15	0.210	0	0.000	15	0.210

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	76	1.182

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0530 - SH-60 Series	Modification Nomenclature (Modification Title, Modification Number): 016-04 MH-60S ARMED HELO/AMCM - 2

Models of Systems Affected: MH-60S	Type Modification: OPERATIONAL ENHANCEMENT	Related RDT&E PEs:
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Installation: 016-04 MH-60S ARMED HELO/AMCM	Method of Implementation: Contractor Field Mod Team	Installation Name: NVD KITS
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Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
FY 2011	-	-	-	-	-	-	-	-	-	-	31	0.412
FY 2012	-	-	-	-	-	-	-	-	-	-	3	0.042
FY 2013	9	0.128	-	-	-	-	-	-	-	-	9	0.128
FY 2014	-	-	15	0.218	-	-	-	-	-	-	15	0.218
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	9	0.128	15	0.218	-	-	-	-	-	-	134	1.982

Installation Schedule																														
APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	12	12	12	12	12	12	12	11	4	4	4	3	-	3	3	3	-	5	5	5	-	-	-	-	-	-	-	-	134
Out	-	12	12	12	12	12	12	12	11	4	4	4	3	-	3	3	3	-	5	5	5	-	-	-	-	-	-	-	-	134

Installation: 016-04 MH-60S ARMED HELO/AMCM	Method of Implementation: Not Installed - Bifilar	Installation Quantity: 50
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Installation: 016-04 MH-60S ARMED HELO/AMCM	Method of Implementation: Not Installed - ECP 4000 Retrofit	Installation Quantity: 4
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Installation: 016-04 MH-60S ARMED HELO/AMCM	Method of Implementation: Not Installed - ULMB	Installation Quantity: 26
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Installation: 016-04 MH-60S ARMED HELO/AMCM	Method of Implementation: Not Installed - AMCM Mission Equipment	Installation Quantity: 45
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Installation: 016-04 MH-60S ARMED HELO/AMCM	Method of Implementation: Not Installed - Armed Helo Kit Mods	Installation Quantity: 22
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Installation: 016-04 MH-60S ARMED HELO/AMCM	Method of Implementation: Not Installed - Aux Tanks	Installation Quantity: 20
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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0530 - SH-60 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): 001-06 MH-60R ARMED BLOCK I UPGRADE - 3

Models of Systems Affected: MH-60R	Type Modification: OPERATIONAL ENHANCEMENT	Related RDT&E PEs:
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	80.329	21.483	22.852	13.362	0.000	13.362	16.582	12.690	14.788	26.069	0.000	208.155
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	80.329	21.483	22.852	13.362	0.000	13.362	16.582	12.690	14.788	26.069	0.000	208.155
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	80.329	21.483	22.852	13.362	0.000	13.362	16.582	12.690	14.788	26.069	0.000	208.155

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

DESCRIPTION/JUSTIFICATION: This line item funds modifications to the MH-60R series aircraft. The modifications are part of the P3I effort that includes GPS SAASM, CDL HAWKLINK, IMDS, AVC, MTS FLIR, Digital Video Recorder (DVR) Acoustics Subsystem, and LINK-16 for LRIP I Aircraft and subsequent. Global Positioning System (GPS) upgrade includes Selective Availability Anti-Spoofing Module (SAASM) and GAS-1 antenna upgrade. SAASM is a set of functional security requirements used to design and build a secure GPS receiver. Use of GPS SAASM security architecture significantly enhances the pilot's ability to use the GPS Precise Positioning, velocity, time, and other GPS sensor information in all environments. GAS-1 antenna upgrade to the GPS system improves susceptibility performance. Link 16 supports the exchange of C4I data that is required to operate in a Joint and NATO Battlespace. Link 16 is designed to support the exchange of formatted data messages rather than the "raw" data exchange that the existing C-Band Hawklink and Common Data Link (CDL) Hawklink will support. CDL Hawklink is an update to the current C-Band Hawklink that allows for an increase in bandwidth with the ability to transfer additional data. MH-60R is required to be backward-compatible with both legacy Surface Fleet Combat Systems and forward-compatible with new and under-development Surface Fleet Combat Systems at relatively long-range of not only voice and video information, but large amounts of sensor and tactical data. It is compliant with the Assistant Secretary of Defense C3I Letter dated 18 October 2004 directing commonality and interoperability between all DOD airborne sensor platforms and meets the mandate for a common standard for transmission of unprocessed sensor information. The Integrated Mechanical Diagnostic System (IMDS) will improve aircraft performance and vibration parameters in flight. GPS SAASM, Link 16, CDL HAWKLINK, and IMDS are a part of the MH-60R Block Upgrades as specified in the evolutionary acquisition strategy for the program. The Acoustic Subsystem is a key component to meeting H60R ASW mission requirements. This OSIP includes updates to obsolete components of the Acoustic Subsystem. Acoustic subsystem consist of Acoustic Processor, ALFS Sonar Transmitter / Receiver, Reeling Machines, RMIU, RMCU, Transducer Assembly, and reel & cable. Night Vision Device (NVD) improvements will incorporate enhancements to the Thunderstorm Light, ALFS Light, RAST Panel, and Search light.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: SAASM Joint Common System (JCS) Instruction CDCSI 6140.01, issued 15 November 1998, mandates that all Precise Position Systems (i.e. Global Positioning System (GPS) used on the MH-60R) users field SAASM-based user equipment and use black keys after 01 October 2002.

METHOD OF IMPLEMENTATION: CDL HAWKLINK, Sonar Transducer Receiver (ST/R), GPS SAASM, and DVR are "O" Level Installs.

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Exhibit P-3A, Individual Modification: PB 2013 Navy								Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0530 - SH-60 Series				Modification Nomenclature (<i>Modification Title, Modification Number</i>): 001-06 MH-60R ARMED BLOCK I UPGRADE - 3					
Models of Systems Affected: MH-60R				Type Modification: OPERATIONAL ENHANCEMENT				Related RDT&E PEs:					
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
001-06 MH-60R ARMED BLOCK I UPGRADE													
A Kits													
Recurring													
1.1.1) ACOUSTICS TECH INSERT KITS - NonOrganic	29	3.693	7	0.723	11	1.090	-	-	-	-	-	-	
1.1.3) GPS SAASM KITS - Organic	13	0.207	-	-	-	-	-	-	-	-	-	-	
1.1.4) IMDS KITS - NonOrganic	37	7.079	4	0.718	6	1.185	-	-	-	-	-	-	
1.1.5) CDL HAWKLINK KITS - Organic	27	15.059	5	2.614	5	2.535	11	5.742	-	-	11	5.742	
1.1.6) LINK-16 KITS - Organic	19	9.557	-	-	-	-	-	-	-	-	-	-	
1.1.8) DIGITAL VIDEO RECORDER (DVR) - Organic	80	3.601	15	0.614	24	0.901	-	-	-	-	-	-	
1.1.9) NIGHT VISION DEVICE KITS (NVD) - Organic	-	-	156	2.444	-	-	-	-	-	-	-	-	
1.1.10) ALFS RELIABILITY IMPROVEMENTS - Organic	-	-	4	2.264	-	-	-	-	-	-	-	-	
1.1.11) Prior Year Installations - Organic	21	0.889	-	-	-	-	-	-	-	-	-	-	
<i>Subtotal Recurring</i>		<i>40.085</i>		<i>9.377</i>		<i>5.711</i>		<i>5.742</i>		<i>0.000</i>		<i>5.742</i>	
B Kits													
Recurring													
2.1.1) GPS SAASM KITS - Organic	1	0.136	-	-	-	-	-	-	-	-	-	-	
2.1.2) ACOUSTICS TECH INSERT KITS - NonOrganic	29	11.071	7	2.187	11	3.388	-	-	-	-	-	-	
2.1.3) FORWARD LOOKING INFRARED (FLIR) - Organic	7	7.570	2	0.950	-	-	-	-	-	-	-	-	
<i>Subtotal Recurring</i>		<i>18.777</i>		<i>3.137</i>		<i>3.388</i>		<i>0.000</i>		<i>0.000</i>		<i>0.000</i>	
NonRecurring													
2.2.1) Installation Equipment N/R - Organic	-	9.582	-	-	-	-	-	-	-	-	-	-	
<i>Subtotal NonRecurring</i>		<i>9.582</i>		<i>0.000</i>		<i>0.000</i>		<i>0.000</i>		<i>0.000</i>		<i>0.000</i>	
<i>Total, 001-06 MH-60R ARMED BLOCK I UPGRADE</i>	<i>263</i>	<i>68.444</i>	<i>200</i>	<i>12.514</i>	<i>57</i>	<i>9.099</i>	<i>11</i>	<i>5.742</i>	<i>-</i>	<i>-</i>	<i>11</i>	<i>5.742</i>	
<i>Total, All Modifications</i>		<i>68.444</i>		<i>12.514</i>		<i>9.099</i>		<i>5.742</i>		<i>0.000</i>		<i>5.742</i>	
Support													
3.1) Engineering Change Orders	-	0.000	-	-	-	-	-	-	-	-	-	-	
3.2) Data	-	0.682	-	-	-	-	-	-	-	-	-	-	

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0530 - SH-60 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): 001-06 MH-60R ARMED BLOCK I UPGRADE - 3

Models of Systems Affected: MH-60R	Type Modification: OPERATIONAL ENHANCEMENT	Related RDT&E PEs:
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
3.3) Training Equipment	-	-	-	-	-	-	-	-	-	-	-	-
3.4) Support Equipment	-	0.000	-	-	-	-	-	-	-	-	-	-
3.5) ILS	-	0.949	-	3.371	-	0.229	-	-	-	-	-	-
3.6) Other Support	-	8.128	-	5.298	-	9.515	-	5.635	-	-	-	5.635
3.7) Interim Contractor Support	-	1.951	-	-	-	0.686	-	0.685	-	-	-	0.685
Total Support Cost		11.710		8.669		10.430		6.320		0.000		6.320
Procurement Cost (Procurement + Support)		80.154		21.183		19.529		12.062		0.000		12.062
Total Installation Cost		0.175		0.300		3.323		1.300		0.000		1.300
Total Cost (Procurement + Support + Installation)		80.329		21.483		22.852		13.362		0.000		13.362

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
001-06 MH-60R ARMED BLOCK I UPGRADE												
A Kits												
Recurring												
1.1.1) ACOUSTICS TECH INSERT KITS - NonOrganic	-	-	-	-	-	-	-	-	-	-	47	5.506
1.1.3) GPS SAASM KITS - Organic	-	-	-	-	-	-	-	-	-	-	13	0.207
1.1.4) IMDS KITS - NonOrganic	-	-	-	-	-	-	-	-	-	-	47	8.982
1.1.5) CDL HAWKLINK KITS - Organic	12	6.456	12	6.648	5	2.250	-	-	-	-	77	41.304
1.1.6) LINK-16 KITS - Organic	-	-	-	-	-	-	-	-	-	-	19	9.557
1.1.8) DIGITAL VIDEO RECORDER (DVR) - Organic	-	-	-	-	-	-	-	-	-	-	119	5.116
1.1.9) NIGHT VISION DEVICE KITS (NVD) - Organic	-	-	-	-	-	-	-	-	-	-	156	2.444
1.1.10) ALFS RELIABILITY IMPROVEMENTS - Organic	-	-	-	-	10	2.400	30	10.200	-	-	44	14.864
1.1.11) Prior Year Installations - Organic	-	-	-	-	-	-	-	-	-	-	21	0.889
Subtotal Recurring		6.456		6.648		4.650		10.200		0.000		88.869
B Kits												
Recurring												

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0530 - SH-60 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): 001-06 MH-60R ARMED BLOCK I UPGRADE - 3

Models of Systems Affected: MH-60R	Type Modification: OPERATIONAL ENHANCEMENT	Related RDT&E PEs:
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
2.1.1) GPS SAASM KITS - Organic	-	-	-	-	-	-	-	-	-	-	1	0.136
2.1.2) ACOUSTICS TECH INSERT KITS - NonOrganic	-	-	-	-	-	-	-	-	-	-	47	16.646
2.1.3) FORWARD LOOKING INFRARED (FLIR) - Organic	-	-	-	-	-	-	-	-	-	-	9	8.520
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		25.302
NonRecurring												
2.2.1) Installation Equipment N/R - Organic	-	-	-	-	-	-	-	-	-	-	-	9.582
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		9.582
Total, 001-06 MH-60R ARMED BLOCK I UPGRADE	12	6.456	12	6.648	15	4.650	30	10.200	-	-	600	123.753
Total, All Modifications		6.456		6.648		4.650		10.200		0.000		123.753
Support												
3.1) Engineering Change Orders	-	-	-	-	-	-	-	-	-	-	-	-
3.2) Data	-	-	-	-	-	-	-	-	-	-	-	0.682
3.3) Training Equipment	-	-	-	-	-	-	-	10.208	-	-	-	10.208
3.4) Support Equipment	-	-	-	-	-	-	-	-	-	-	-	-
3.5) ILS	-	0.242	-	1.049	-	1.604	-	-	-	-	-	7.444
3.6) Other Support	-	9.084	-	4.993	-	8.534	-	5.661	-	-	-	56.848
3.7) Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	3.322
Total Support Cost		9.326		6.042		10.138		15.869		0.000		78.504
Procurement Cost (Procurement + Support)		15.782		12.690		14.788		26.069		0.000		202.257
Total Installation Cost		0.800		0.000		0.000		0.000		0.000		5.898
Total Cost (Procurement + Support + Installation)		16.582		12.690		14.788		26.069		0.000		208.155

Remarks:

Manufacturer Information: 001-06 MH-60R ARMED BLOCK I UPGRADE	
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Manufacturer Name: Acoustics Tech Insert -- FRCSE/FRCSSW	Manufacturer Location: Jacksonville, FL/San Diego, CA
Administrative Leadtime (in Months): 6	Production Leadtime (in Months): 18

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates	Mar 2011	Mar 2012					

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0530 - SH-60 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): 001-06 MH-60R ARMED BLOCK I UPGRADE - 3

Models of Systems Affected: MH-60R	Type Modification: OPERATIONAL ENHANCEMENT	Related RDT&E PEs:
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Manufacturer Information: 001-06 MH-60R ARMED BLOCK I UPGRADE

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Delivery Dates	Sep 2012	Sep 2013					

Manufacturer Name: IMDS--FRCSE/FRCSSW Manufacturer Location: Jacksonville, FL/San Diego, CA

Administrative Leadtime (*in Months*): 6 Production Leadtime (*in Months*): 12

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates	Mar 2011	Mar 2012					
Delivery Dates	Mar 2012	Mar 2013					

Installation: 001-06 MH-60R ARMED BLOCK I UPGRADE **Method of Implementation:** Contractor Field Mod Team **Installation Name:** ACOUSTICS TECH INSERT KITS

Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	14	0.700	15	0.750	0	0.000	15	0.750
FY 2011	-	-	-	-	-	-	2	0.100	0	0.000	2	0.100
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	14	0.700	17	0.850	0	0.000	17	0.850

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	29	1.450
FY 2011	5	0.250	-	-	-	-	-	-	-	-	7	0.350
FY 2012	11	0.550	-	-	-	-	-	-	-	-	11	0.550
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0530 - SH-60 Series	Modification Nomenclature (Modification Title, Modification Number): 001-06 MH-60R ARMED BLOCK I UPGRADE - 3

Models of Systems Affected: MH-60R	Type Modification: OPERATIONAL ENHANCEMENT	Related RDT&E PEs:
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Installation: 001-06 MH-60R ARMED BLOCK I UPGRADE	Method of Implementation: Contractor Field Mod Team	Installation Name: IMDS KITS
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Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	37	2.798
FY 2011	-	-	-	-	-	-	-	-	-	-	4	0.300
FY 2012	-	-	-	-	-	-	-	-	-	-	6	0.450
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	47	3.548

Installation Schedule																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	2	-	1	2	1	6	12	12	5	2	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	47		
Out	2	-	-	1	2	1	6	12	12	5	2	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	47			

Installation: 001-06 MH-60R ARMED BLOCK I UPGRADE	Method of Implementation: Not Installed - GPS SAASM KITS	Installation Quantity: 13
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Installation: 001-06 MH-60R ARMED BLOCK I UPGRADE	Method of Implementation: Organic - CDL HAWKLINK KITS	Installation Quantity: 77
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Installation: 001-06 MH-60R ARMED BLOCK I UPGRADE	Method of Implementation: Not Installed - LINK-16 KITS	Installation Quantity: 19
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Installation: 001-06 MH-60R ARMED BLOCK I UPGRADE	Method of Implementation: Organic - DIGITAL VIDEO RECORDER (DVR)	Installation Quantity: 119
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Installation: 001-06 MH-60R ARMED BLOCK I UPGRADE	Method of Implementation: Not Installed - NIGHT VISION DEVICE KITS (NVD)	Installation Quantity: 156
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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0530 - SH-60 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): 001-06 MH-60R ARMED BLOCK I UPGRADE - 3
Models of Systems Affected: MH-60R	Type Modification: OPERATIONAL ENHANCEMENT	Related RDT&E PEs:
Installation: 001-06 MH-60R ARMED BLOCK I UPGRADE	Method of Implementation: Not Installed - ALFS RELIABILITY IMPROVEMENTS	Installation Quantity: 44
Installation: 001-06 MH-60R ARMED BLOCK I UPGRADE	Method of Implementation: Not Installed - Prior Year Installations	Installation Quantity: 21
Installation: 001-06 MH-60R ARMED BLOCK I UPGRADE	Method of Implementation: Organic - GPS SAASM KITS	Installation Quantity: 1
Installation: 001-06 MH-60R ARMED BLOCK I UPGRADE	Method of Implementation: Not Installed - FORWARD LOOKING INFRARED (FLIR)	Installation Quantity: 9

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0530 - SH-60 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): 008-07 H-60 HVBSS - 4

Models of Systems Affected: SH-60B, SH-60F, HH-60H, MH-60R, MH-60S	Type Modification: OPERATIONAL ENHANCEMENT	Related RDT&E PEs:
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	21.428	6.430	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	27.858
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	21.428	6.430	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	27.858
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	21.428	6.430	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	27.858

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

DESCRIPTION/JUSTIFICATION: Extended Maritime Interdiction Operations (EMIO) by Helicopter Visit, Board, Search, and Seizure (HVBSS) tactics require Naval Helicopters be compatible with rapid insertion of Special Warfare forces. This OSIP includes all modifications that increase reliability, maintainability and/or mission capability for conduct of the EMIO mission. These modifications include but are not limited to: Fast Tactical imaging systems kits (44), which includes embedded Automated Identification System capability, will be procured for improved battlefield situational awareness for Command and Direct Action elements. Close Air Support improvements for accompanying assault SH-60B and HH-60H helicopters include (62) M240 7.62mm machine gun kits, replacing aging M-60D gun systems. Additional area suppression close air support improvements include (35) GAU-17 weapon kits and corresponding depot level airframe modifications to integrate the GAU-17 into the remaining HH-60H aircraft. Precise weapon aiming required to employ crew-served weapons in close quarters require the coincident procurement of (3) aiming laser systems to kit with each weapon. AAR-47A(V)2 Missile Warning Systems will be installed on SH-60B aircraft as an update to the current AAR-47(V), which will incorporate a new laser warning functionality. A modification to the aircraft must be made to allow for the installation of the new Control Indicator (CI), which will display the laser warning by angle of arrival. An YHS-60R test asset (BROME0) will be returned back to it's original configuration as an SH-60B Block One aircraft. This aircraft will be used in support of the HVBSS mission. A loudspeaker system will be attached to an SH-60F aircraft to aid in the HVBSS mission. In response to a Fleet urgent need statement, a COTS loudspeaker system was modified and installed on a Fleet SH-60F aircraft. Two Targeted High Output Responder (THOR) loudspeaker systems will be delivered to the Fleet in FY10. A new FLIR W2 cable will be procured. This cable will prevent incorrect installation of the cable onto the FLIR, thereby reducing the chance of damaging the FLIR.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: GAU-17/A, M-240D, Fast Tactical Imaging (FTI) Systems, IZLID-200 aiming lasers are systems integrated on other H-60 helicopter platforms and are off-the-shelf procurements. Lead time for all systems 30-90 days. TD for HH-60H modifications (AAC 993) signed 30 June 1994. AFC for O-level and D-level mods for SH-60B require 3-month development including prototyping. Completion of the first loudspeaker system installation was completed in FY11. BROME0 modifications were completed in FY10.

METHOD OF IMPLEMENTATION: GAU-17 is an "O" Level install.

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Exhibit P-3A, Individual Modification: PB 2013 Navy										Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0530 - SH-60 Series						Modification Nomenclature (<i>Modification Title, Modification Number</i>): 008-07 H-60 HVBSS - 4			
Models of Systems Affected: SH-60B, SH-60F, HH-60H, MH-60R, MH-60S				Type Modification: OPERATIONAL ENHANCEMENT				Related RDT&E PEs:					
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
008-07 H-60 HVBSS													
A Kits													
Recurring													
1.1.1) GAU-17 CABIN MOD (HH-60H) - Organic	7	0.120	-	-	-	-	-	-	-	-	-	-	
1.1.2) GAU-17 CABIN MOD (HH-60H) - OCO - Organic	33	0.510	30	3.900	-	-	-	-	-	-	-	-	
1.1.3) FTI/AIS (SH-60B/F, HH-60H, MH-60R/S) - Organic	70	0.840	-	-	-	-	-	-	-	-	-	-	
1.1.5) AAR-47A(V)2 (SH-60B) - Organic	117	0.200	-	-	-	-	-	-	-	-	-	-	
1.1.6) Prior Year Installation Kits - Organic	170	2.095	-	-	-	-	-	-	-	-	-	-	
<i>Subtotal Recurring</i>		3.765		3.900		0.000		0.000		0.000		0.000	
NonRecurring													
1.2.1) Installation Kits N/R - Organic	-	8.470	-	-	-	-	-	-	-	-	-	-	
1.2.2) Installation Kits N/R - OCO - Organic	-	0.651	-	1.340	-	-	-	-	-	-	-	-	
<i>Subtotal NonRecurring</i>		9.121		1.340		0.000		0.000		0.000		0.000	
B Kits													
Recurring													
2.1.1) AIMING LASER (SH-60B,HH-60H) - Organic	3	0.012	-	-	-	-	-	-	-	-	-	-	
2.1.2) FTI/AIS (SH-60B/F, HH-60H, MH-60R/S) - Organic	70	1.050	-	-	-	-	-	-	-	-	-	-	
2.1.4) GAU-17 (HH-60H) - Organic	13	0.478	-	-	-	-	-	-	-	-	-	-	
2.1.5) GAU-17 (HH-60H) - OCO - Organic	33	2.570	18	0.800	-	-	-	-	-	-	-	-	
2.1.6) M240 (SH-60B) - Organic	62	0.937	-	-	-	-	-	-	-	-	-	-	
<i>Subtotal Recurring</i>		5.047		0.800		0.000		0.000		0.000		0.000	
NonRecurring													
2.2.1) Installation Equipment N/R - Organic	-	2.427	-	-	-	-	-	-	-	-	-	-	
<i>Subtotal NonRecurring</i>		2.427		0.000		0.000		0.000		0.000		0.000	
<i>Total, 008-07 H-60 HVBSS</i>	578	20.360	48	6.040	-	-	-	-	-	-	-	-	
<i>Total, All Modifications</i>		20.360		6.040		0.000		0.000		0.000		0.000	
Support													

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0530 - SH-60 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): 008-07 H-60 HVBSS - 4

Models of Systems Affected: SH-60B, SH-60F, HH-60H, MH-60R, MH-60S	Type Modification: OPERATIONAL ENHANCEMENT	Related RDT&E PEs:
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
3.1) Engineering Change Orders	-	0.000	-	-	-	-	-	-	-	-	-	-
3.2) Data	-	0.260	-	-	-	-	-	-	-	-	-	-
3.3) Data -- OCO	-	0.047	-	-	-	-	-	-	-	-	-	-
3.4) Training Equipment	-	0.000	-	-	-	-	-	-	-	-	-	-
3.5) Support Equipment	-	0.000	-	-	-	-	-	-	-	-	-	-
3.6) ILS	-	0.000	-	-	-	-	-	-	-	-	-	-
3.7) Other Support	-	0.232	-	-	-	-	-	-	-	-	-	-
3.8) Other Support -- OCO	-	0.529	-	0.390	-	-	-	-	-	-	-	-
3.9) Interim Contractor Support	-	0.000	-	-	-	-	-	-	-	-	-	-
Total Support Cost		1.068		0.390		0.000		0.000		0.000		0.000
Procurement Cost (Procurement + Support)		21.428		6.430		0.000		0.000		0.000		0.000
Total Installation Cost		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		21.428		6.430		0.000		0.000		0.000		0.000

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
008-07 H-60 HVBSS												
A Kits												
Recurring												
1.1.1) GAU-17 CABIN MOD (HH-60H) - Organic	-	-	-	-	-	-	-	-	-	-	7	0.120
1.1.2) GAU-17 CABIN MOD (HH-60H) - OCO - Organic	-	-	-	-	-	-	-	-	-	-	63	4.410
1.1.3) FTI/AIS (SH-60B/F, HH-60H, MH-60R/S) - Organic	-	-	-	-	-	-	-	-	-	-	70	0.840
1.1.5) AAR-47A(V)2 (SH-60B) - Organic	-	-	-	-	-	-	-	-	-	-	117	0.200
1.1.6) Prior Year Installation Kits - Organic	-	-	-	-	-	-	-	-	-	-	170	2.095
Subtotal Recurring		0.000		0.000		0.000		0.000		0.000		7.665
NonRecurring												
1.2.1) Installation Kits N/R - Organic	-	-	-	-	-	-	-	-	-	-	-	8.470

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Exhibit P-3A, Individual Modification: PB 2013 Navy									Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0530 - SH-60 Series					Modification Nomenclature (<i>Modification Title, Modification Number</i>): 008-07 H-60 HVBSS - 4			
Models of Systems Affected: SH-60B, SH-60F, HH-60H, MH-60R, MH-60S				Type Modification: OPERATIONAL ENHANCEMENT				Related RDT&E PEs:				
Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>
1.2.2) Installation Kits N/R - OCO - Organic	-	-	-	-	-	-	-	-	-	-	-	1.991
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		10.461
B Kits												
Recurring												
2.1.1) AIMING LASER (SH-60B,HH-60H) - Organic	-	-	-	-	-	-	-	-	-	-	3	0.012
2.1.2) FTI/AIS (SH-60B/F, HH-60H, MH-60R/S) - Organic	-	-	-	-	-	-	-	-	-	-	70	1.050
2.1.4) GAU-17 (HH-60H) - Organic	-	-	-	-	-	-	-	-	-	-	13	0.478
2.1.5) GAU-17 (HH-60H) - OCO - Organic	-	-	-	-	-	-	-	-	-	-	51	3.370
2.1.6) M240 (SH-60B) - Organic	-	-	-	-	-	-	-	-	-	-	62	0.937
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		5.847
NonRecurring												
2.2.1) Installation Equipment N/R - Organic	-	-	-	-	-	-	-	-	-	-	-	2.427
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		2.427
Total, 008-07 H-60 HVBSS	-	-	-	-	-	-	-	-	-	-	626	26.400
Total, All Modifications		0.000		0.000		0.000		0.000		0.000		26.400
Support												
3.1) Engineering Change Orders	-	-	-	-	-	-	-	-	-	-	-	-
3.2) Data	-	-	-	-	-	-	-	-	-	-	-	0.260
3.3) Data -- OCO	-	-	-	-	-	-	-	-	-	-	-	0.047
3.4) Training Equipment	-	-	-	-	-	-	-	-	-	-	-	-
3.5) Support Equipemnt	-	-	-	-	-	-	-	-	-	-	-	-
3.6) ILS	-	-	-	-	-	-	-	-	-	-	-	-
3.7) Other Support	-	-	-	-	-	-	-	-	-	-	-	0.232
3.8) Other Support -- OCO	-	-	-	-	-	-	-	-	-	-	-	0.919
3.9) Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	-
Total Support Cost		0.000		0.000		0.000		0.000		0.000		1.458
Procurement Cost (Procurement + Support)		0.000		0.000		0.000		0.000		0.000		27.858
Total Installation Cost		0.000		0.000		0.000		0.000		0.000		0.000

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Exhibit P-3A, Individual Modification: PB 2013 Navy										Date: February 2012				
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1					P-1 Line Item Nomenclature: 0530 - SH-60 Series					Modification Nomenclature (<i>Modification Title, Modification Number</i>): 008-07 H-60 HVBSS - 4				
Models of Systems Affected: SH-60B, SH-60F, HH-60H, MH-60R, MH-60S					Type Modification: OPERATIONAL ENHANCEMENT					Related RDT&E PEs:				
Financial Plan														
			FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
			<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>
Total Cost (Procurement + Support + Installation)				0.000		0.000		0.000		0.000		0.000		27.858
Remarks:														
Manufacturer Information: 008-07 H-60 HVBSS														
Manufacturer Name: Manufacturer Name Not Provided.							Manufacturer Location: Manufacturer Location Not Provided.							
Administrative Leadtime (<i>in Months</i>):							Production Leadtime (<i>in Months</i>):							
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017							
Contract Dates														
Delivery Dates														
Installation: 008-07 H-60 HVBSS														
					Method of Implementation: Organic - GAU-17 CABIN MOD (HH-60H)					Installation Quantity: 7				
Installation: 008-07 H-60 HVBSS														
					Method of Implementation: Organic - GAU-17 CABIN MOD (HH-60H) - OCO					Installation Quantity: 63				
Installation: 008-07 H-60 HVBSS														
					Method of Implementation: Not Installed - FTI/AIS (SH-60B/F, HH-60H, MH-60R/S)					Installation Quantity: 70				
Installation: 008-07 H-60 HVBSS														
					Method of Implementation: Not Installed - AAR-47A(V)2 (SH-60B)					Installation Quantity: 117				
Installation: 008-07 H-60 HVBSS														
					Method of Implementation: Not Installed - Prior Year Installation Kits					Installation Quantity: 170				
Installation: 008-07 H-60 HVBSS														
					Method of Implementation: Not Installed - AIMING LASER (SH-60B,HH-60H)					Installation Quantity: 3				
Installation: 008-07 H-60 HVBSS														
					Method of Implementation: Not Installed - FTI/AIS (SH-60B/F, HH-60H, MH-60R/S)					Installation Quantity: 70				
Installation: 008-07 H-60 HVBSS														
					Method of Implementation: Not Installed - GAU-17 (HH-60H)					Installation Quantity: 13				

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0530 - SH-60 Series	Modification Nomenclature <i>(Modification Title, Modification Number):</i> 008-07 H-60 HVBSS - 4
Models of Systems Affected: SH-60B, SH-60F, HH-60H, MH-60R, MH-60S	Type Modification: OPERATIONAL ENHANCEMENT	Related RDT&E PEs:
Installation: 008-07 H-60 HVBSS	Method of Implementation: Not Installed - GAU-17 (HH-60H) - OCO	Installation Quantity: 51
Installation: 008-07 H-60 HVBSS	Method of Implementation: Not Installed - M240 (SH-60B)	Installation Quantity: 62

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0530 - SH-60 Series	Modification Nomenclature (Modification Title, Modification Number): 009-07 MH-60S WARFIGHTING CAPABILITY - 5

Models of Systems Affected: MH-60S MH-60S	Type Modification: OPERATIONAL ENHANCEMENT	Related RDT&E PEs:
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	55.469	19.545	25.257	18.343	0.000	18.343	21.596	32.229	44.954	43.770	65.567	326.730
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	55.469	19.545	25.257	18.343	0.000	18.343	21.596	32.229	44.954	43.770	65.567	326.730
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	55.469	19.545	25.257	18.343	0.000	18.343	21.596	32.229	44.954	43.770	65.567	326.730

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

DESCRIPTION/JUSTIFICATION: Provides for the retrofit of ECP 4034 which includes two phases: Airborne Mine Countermeasures (AMCM) Block 2B (AMNS &ALMDS) & full 3B P3I effort includes: Link-16, Downed Aviator Locator system (DALs), SASSM, GAS-1, APCM, IFF Mode S and Mode 5, and communication upgrades, airframe provisions into 67 Block 1/2/3 aircraft; ECP 4034 P3I Lite includes Communications Upgrades on 47 Block 1 aircraft; ECP-4015/Armed Helo Block 3A weapons airframe provision (H60-50) into 32 Block 2A aircraft; Airframe provisions and kits for Forward Firing Weapons (FFW) Guns and Unguided Rockets to provide a response capability to the FAC/FIAC threat. This OSIP also provides the retrofit of ECP 4012 and 4039 required for the aircraft structural loads imposed by the addition of the AMCM and Armed Helo capabilities. OSIP also provides retrofit of Active Vibration Control (AVC) in 129 MH-60S aircraft and Integrated Mechanical Diagnostics System (IMDS) in 170 MH-60S aircraft to achieve a common configuration for vibration and IMDS. IMDS includes a crash survivable flight data recorder capability as well as providing capabilities required for transition to Condition Based Maintenance (CBM) and to employ Military Flight Operations Quality Assurance (MFOQA) capability.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: The MH-60S Aircraft completed MS III in August 2002. Armed Helo achieved IOC June 2007. IMDS and P3I achieved IOC in December 2009. AMCM will achieve IOC in FY12.

P3A NOTES:
 ECP 4015 H60-50) Block 3A: Six prior year kits available for installs from missed production installs. Not procured with APN-5. Installs being conducted via multiple contractors and FRC. Unit cost varies
 ECP 4034 Block 2B/3B Full P3I: FY13 -- new contract
 ECP 4034 Block 3B Partial P3I: Initial deliveries expedited by vendor due to contractual delays
 ECP 4012: 20 kits available for install from vendor. Not procured with APN-5.
 ECP 4039: Initial kit deliveries expedited due to issues with vendor proposal and delays to contract award; Installs may cover 5 quarters for FY14-FY16 kits, however they fall within a 12 month install period. They begin in the last month of the 1st quarter and complete in the first month of the 5th quarter, thereby not exceeding 12 months.
 ECP 4046: Initial FY12 Contract award delayed due to Val/Ver scheduled/conducted in Dec 2011. Lead time will reduce as increased kits are procured. Installs may cover 5 quarters for FY15-FY17 kits, however they fall within a 12 month install period. They begin in the last month of the 1st quarter and complete in the first month of the 5th quarter, thereby not exceeding 12 months.

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Exhibit P-3A, Individual Modification: PB 2013 Navy										Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1					P-1 Line Item Nomenclature: 0530 - SH-60 Series					Modification Nomenclature (<i>Modification Title, Modification Number</i>): 009-07 MH-60S WARFIGHTING CAPABILITY - 5			
Models of Systems Affected: MH-60S MH-60S			Type Modification: OPERATIONAL ENHANCEMENT					Related RDT&E PEs:					
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
009-07 MH-60S WARFIGHTING CAPABILITY													
A Kits													
Recurring													
1.1.1) ECP 4015 (H60-050) Block 3A - NonOrganic	32	13.458	-	-	-	-	-	-	-	-	-	-	
1.1.3) ECP 4034 Block 2B/Block 3B Full P3I - NonOrganic	10	2.135	15	3.270	8	1.799	6	1.374	-	-	6	1.374	
1.1.4) ECP 4034 Block 3B Partial P3I - NonOrganic	8	0.082	18	0.198	10	0.203	11	0.228	-	-	11	0.228	
1.1.5) ECP 4012 - NonOrganic	44	0.665	20	0.179	6	0.048	-	-	-	-	-	-	
1.1.6) ECP 4039 - NonOrganic	10	0.882	12	1.224	9	0.936	10	1.060	-	-	10	1.060	
1.1.7) GPS GAS-1 - NonOrganic	46	3.513	-	-	-	-	-	-	-	-	-	-	
1.1.8) ECP 4046 AVC/DALS - NonOrganic	-	-	-	-	9	2.938	3	0.997	-	-	3	0.997	
1.1.9) IMDS - NonOrganic	33	7.111	11	2.731	7	1.536	7	1.564	-	-	7	1.564	
1.1.10) Data Link A Kit - Organic	-	-	-	-	-	-	2	0.180	-	-	2	0.180	
1.1.11) FFW - Organic	-	-	9	0.495	12	0.648	12	0.652	-	-	12	0.652	
<i>Subtotal Recurring</i>		27.846		8.097		8.108		6.055		0.000		6.055	
NonRecurring													
1.2.1) Installation Kits N/R - Organic	-	22.008	-	-	-	-	-	-	-	-	-	-	
<i>Subtotal NonRecurring</i>		22.008		0.000		0.000		0.000		0.000		0.000	
B Kits													
Recurring													
2.1.1) FFW (B Kits) - Organic	-	-	9	0.180	12	0.252	12	0.264	-	-	12	0.264	
<i>Subtotal Recurring</i>		0.000		0.180		0.252		0.264		0.000		0.264	
Total, 009-07 MH-60S WARFIGHTING CAPABILITY	183	49.854	94	8.277	73	8.360	63	6.319	-	-	63	6.319	
Total, All Modifications		49.854		8.277		8.360		6.319		0.000		6.319	
Support													
3.1) Engineering Change Orders	-	0.000	-	-	-	-	-	-	-	-	-	-	
3.2) Data	-	0.040	-	0.125	-	-	-	-	-	-	-	-	
3.3) Training Equipment	-	0.000	-	-	-	-	-	-	-	-	-	-	

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0530 - SH-60 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): 009-07 MH-60S WARFIGHTING CAPABILITY - 5

Models of Systems Affected: MH-60S MH-60S	Type Modification: OPERATIONAL ENHANCEMENT	Related RDT&E PEs:										
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
3.4) Support Equipment	-	-	-	0.452	-	-	-	-	-	-	-	-
3.5) ILS	-	-	-	0.205	-	0.148	-	0.109	-	-	-	0.109
3.6) Other Support	-	0.478	-	1.458	-	0.558	-	0.742	-	-	-	0.742
3.7) Interim Contractor Support	-	0.000	-	-	-	-	-	-	-	-	-	-
Total Support Cost		0.518		2.240		0.706		0.851		0.000		0.851
Procurement Cost (Procurement + Support)		50.372		10.517		9.066		7.170		0.000		7.170
Total Installation Cost		5.097		9.028		16.191		11.173		0.000		11.173
Total Cost (Procurement + Support + Installation)		55.469		19.545		25.257		18.343		0.000		18.343

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
009-07 MH-60S WARFIGHTING CAPABILITY												
A Kits												
Recurring												
1.1.1) ECP 4015 (H60-050) Block 3A - NonOrganic	-	-	-	-	-	-	-	-	-	-	32	13.458
1.1.3) ECP 4034 Block 2B/Block 3B Full P3I - NonOrganic	8	1.872	13	3.104	-	-	-	-	-	-	60	13.554
1.1.4) ECP 4034 Block 3B Partial P3I - NonOrganic	-	-	-	-	-	-	-	-	-	-	47	0.711
1.1.5) ECP 4012 - NonOrganic	-	-	-	-	-	-	-	-	-	-	70	0.892
1.1.6) ECP 4039 - NonOrganic	14	1.512	20	2.200	13	1.261	-	-	-	-	88	9.075
1.1.7) GPS GAS-1 - NonOrganic	-	-	-	-	-	-	-	-	-	-	46	3.513
1.1.8) ECP 4046 AVC/DALS - NonOrganic	8	2.706	16	5.504	24	8.424	24	8.568	45	16.380	129	45.517
1.1.9) IMDS - NonOrganic	7	1.592	14	3.241	24	5.664	25	6.000	42	10.290	170	39.729
1.1.10) Data Link A Kit - Organic	4	0.240	4	0.260	10	0.663	10	0.676	10	0.690	40	2.709
1.1.11) FFW - Organic	22	2.008	34	3.722	48	5.784	36	5.184	20	2.960	193	21.453
Subtotal Recurring		9.930		18.031		21.796		20.428		30.320		150.611
NonRecurring												
1.2.1) Installation Kits N/R - Organic	-	-	-	-	-	-	-	-	-	-	-	22.008

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Exhibit P-3A, Individual Modification: PB 2013 Navy										Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1					P-1 Line Item Nomenclature: 0530 - SH-60 Series					Modification Nomenclature (<i>Modification Title, Modification Number</i>): 009-07 MH-60S WARFIGHTING CAPABILITY - 5			
Models of Systems Affected: MH-60S MH-60S			Type Modification: OPERATIONAL ENHANCEMENT					Related RDT&E PEs:					
Financial Plan													
	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total		
	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		22.008	
B Kits													
Recurring													
2.1.1) FFW (B Kits) - Organic	22	0.788	34	1.500	48	2.424	36	2.088	20	1.220	193	8.716	
<i>Subtotal Recurring</i>		0.788		1.500		2.424		2.088		1.220		8.716	
<i>Total, 009-07 MH-60S WARFIGHTING CAPABILITY</i>	85	10.718	135	19.531	167	24.220	131	22.516	137	31.540	1,068	181.335	
<i>Total, All Modifications</i>		10.718		19.531		24.220		22.516		31.540		181.335	
Support													
3.1) Engineering Change Orders	-	-	-	-	-	-	-	-	-	-	-	-	
3.2) Data	-	0.100	-	-	-	-	-	-	-	-	-	0.265	
3.3) Training Equipment	-	-	-	-	-	-	-	-	-	-	-	-	
3.4) Support Equipment	-	-	-	-	-	-	-	-	-	-	-	0.452	
3.5) ILS	-	0.160	-	0.409	-	0.651	-	0.879	-	1.158	-	3.719	
3.6) Other Support	-	1.285	-	1.656	-	5.196	-	6.215	-	9.796	-	27.384	
3.7) Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	-	
<i>Total Support Cost</i>		1.545		2.065		5.847		7.094		10.954		31.820	
<i>Procurement Cost (Procurement + Support)</i>		12.263		21.596		30.067		29.610		42.494		213.155	
<i>Total Installation Cost</i>		9.333		10.633		14.887		14.160		23.073		113.575	
Total Cost (Procurement + Support + Installation)		21.596		32.229		44.954		43.770		65.567		326.730	
Remarks:													
Manufacturer Information: 009-07 MH-60S WARFIGHTING CAPABILITY													
Manufacturer Name: ECP 4015--AMCOM						Manufacturer Location: North Carolina							
Administrative Leadtime (in Months): 0						Production Leadtime (in Months): 0							
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017						
Contract Dates													
Delivery Dates													
Manufacturer Name: ECP 4034 Full -- Sikorsky Aircraft Corporation - TH-3D Structural Mod						Manufacturer Location: Stratford, CT							

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Exhibit P-3A, Individual Modification: PB 2013 Navy						Date: February 2012	
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1			P-1 Line Item Nomenclature: 0530 - SH-60 Series			Modification Nomenclature (<i>Modification Title, Modification Number</i>): 009-07 MH-60S WARFIGHTING CAPABILITY - 5	
Models of Systems Affected: MH-60S MH-60S			Type Modification: OPERATIONAL ENHANCEMENT			Related RDT&E PEs:	
Manufacturer Information: 009-07 MH-60S WARFIGHTING CAPABILITY							
Administrative Leadtime (<i>in Months</i>): 3				Production Leadtime (<i>in Months</i>): 12			
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates	Jun 2011	Dec 2011	Dec 2012	Nov 2013			
Delivery Dates	Mar 2012	Nov 2012	Nov 2013	Oct 2014			
Manufacturer Name: ECP 4034 Partial -- Sikorsky Aircraft Corporation - TH-3D Structural Mod				Manufacturer Location: Stratford, CT			
Administrative Leadtime (<i>in Months</i>): 3				Production Leadtime (<i>in Months</i>): 11			
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates	Jun 2011	Dec 2011	Dec 2012				
Delivery Dates	Feb 2012	Oct 2012	Oct 2013				
Manufacturer Name: ECP 4012 -- FRCMA/FRCWS				Manufacturer Location: Norfolk, VA/San Diego, CA			
Administrative Leadtime (<i>in Months</i>): 3				Production Leadtime (<i>in Months</i>): 9			
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates	Mar 2011	Jan 2012					
Delivery Dates	Dec 2012	Oct 2012					
Manufacturer Name: ECP 4039 -- Sikorsky Aircraft Corporation - TH-3D Structural Mod				Manufacturer Location: Stratford, CT			
Administrative Leadtime (<i>in Months</i>): 2				Production Leadtime (<i>in Months</i>): 20			
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates	May 2011	Dec 2011	Dec 2012	Dec 2013			
Delivery Dates	Aug 2012	Aug 2013	Aug 2014	Aug 2015			
Manufacturer Name: GPS/GAS-1 -- AMCOM				Manufacturer Location: North Carolina			
Administrative Leadtime (<i>in Months</i>): 0				Production Leadtime (<i>in Months</i>): 0			
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates							
Delivery Dates							
Manufacturer Name: ECP 4046 -- FRCMA/FRCWS				Manufacturer Location: Norfolk, VA/San Diego, CA			
Administrative Leadtime (<i>in Months</i>): 3				Production Leadtime (<i>in Months</i>): 12			
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates		May 2012	Jan 2013	Dec 2013			
Delivery Dates		Apr 2013	Dec 2014	Sep 2015			

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0530 - SH-60 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): 009-07 MH-60S WARFIGHTING CAPABILITY - 5

Models of Systems Affected: MH-60S MH-60S	Type Modification: OPERATIONAL ENHANCEMENT	Related RDT&E PEs:
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Manufacturer Information: 009-07 MH-60S WARFIGHTING CAPABILITY

Manufacturer Name: IMDS -- CECOM	Manufacturer Location: New MFG - Loc
Administrative Leadtime (<i>in Months</i>): 4	Production Leadtime (<i>in Months</i>): 12

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates	Jun 2011	Jan 2012	Jan 2013	Jan 2014			
Delivery Dates	May 2012	Dec 2012	Dec 2013	Dec 2014			

Installation: 009-07 MH-60S WARFIGHTING CAPABILITY	Method of Implementation: Contractor Field Mod Team/Fleet Readiness Center (FRC)	Installation Name: ECP 4015 (H60-050) Block 3A
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	9	3.600	13	5.300	10	3.140	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	9	3.600	13	5.300	10	3.140	-	-	-	-	-	-

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	32	12.040
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0530 - SH-60 Series
		Modification Nomenclature (Modification Title, Modification Number): 009-07 MH-60S WARFIGHTING CAPABILITY - 5

Models of Systems Affected: MH-60S MH-60S	Type Modification: OPERATIONAL ENHANCEMENT	Related RDT&E PEs:
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Installation: 009-07 MH-60S WARFIGHTING CAPABILITY	Method of Implementation: Contractor Field Mod Team/Fleet Readiness Center (FRC)	Installation Name: ECP 4015 (H60-050) Block 3A
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Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	32	12.040

Installation Schedule																																
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot	
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4			
In	9	3	3	3	4	2	3	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	32
Out	9	3	3	3	4	2	3	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	32

Installation: 009-07 MH-60S WARFIGHTING CAPABILITY	Method of Implementation: Contractor Field Mod Team	Installation Name: ECP 4034 Block 2B/Block 3B Full P3I
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	10	3.920	-	-	-	-	-	-
FY 2011	-	-	-	-	5	1.960	10	3.950	0	0.000	10	3.950
FY 2012	-	-	-	-	-	-	2	0.790	0	0.000	2	0.790
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	15	5.880	12	4.740	0	0.000	12	4.740

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0530 - SH-60 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): 009-07 MH-60S WARFIGHTING CAPABILITY - 5

Models of Systems Affected: MH-60S MH-60S	Type Modification: OPERATIONAL ENHANCEMENT	Related RDT&E PEs:
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Installation: 009-07 MH-60S WARFIGHTING CAPABILITY	Method of Implementation: Contractor Field Mod Team	Installation Name: ECP 4034 Block 2B/Block 3B Full P3I
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Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	10	3.920
FY 2011	-	-	-	-	-	-	-	-	-	-	15	5.910
FY 2012	6	2.466	-	-	-	-	-	-	-	-	8	3.256
FY 2013	3	1.233	3	1.257	-	-	-	-	-	-	6	2.490
FY 2014	-	-	8	3.352	-	-	-	-	-	-	8	3.352
FY 2015	-	-	-	-	13	5.525	-	-	-	-	13	5.525
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	9	3.699	11	4.609	13	5.525	-	-	-	-	60	24.453

Installation Schedule																														
APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	-	3	6	6	3	3	3	3	3	2	2	2	2	3	3	3	3	3	4	3	-	-	-	-	-	60
Out	-	-	-	-	-	2	5	5	5	4	3	3	3	2	2	2	2	3	3	3	3	3	4	3	-	-	-	-	-	60

Installation: 009-07 MH-60S WARFIGHTING CAPABILITY	Method of Implementation: Contractor Field Mod Team	Installation Name: ECP 4034 Block 3B Partial P3I
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	8	0.156	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	18	1.498	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	8	0.672	0	0.000	8	0.672
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0530 - SH-60 Series
Modification Nomenclature (Modification Title, Modification Number): 009-07 MH-60S WARFIGHTING CAPABILITY - 5		

Models of Systems Affected: MH-60S MH-60S	Type Modification: OPERATIONAL ENHANCEMENT	Related RDT&E PEs:
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Installation: 009-07 MH-60S WARFIGHTING CAPABILITY	Method of Implementation: Contractor Field Mod Team	Installation Name: ECP 4034 Block 3B Partial P3I
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	8	0.156	18	1.498	8	0.672	0	0.000	8	0.672

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	8	0.156
FY 2011	-	-	-	-	-	-	-	-	-	-	18	1.498
FY 2012	2	0.174	-	-	-	-	-	-	-	-	10	0.846
FY 2013	11	0.957	-	-	-	-	-	-	-	-	11	0.957
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	13	1.131	-	-	-	-	-	-	-	-	47	3.457

Installation Schedule																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	4	4	-	4	7	7	2	2	2	2	4	3	3	3	-	-	-	-	-	-	-	-	-	-	-	47		
Out	-	-	-	4	4	-	4	7	7	2	2	2	2	4	3	3	3	-	-	-	-	-	-	-	-	-	-	-	47		

Installation: 009-07 MH-60S WARFIGHTING CAPABILITY	Method of Implementation: Depot Field Mod Team/Depot Mod Line	Installation Name: ECP 4012
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	20	0.492	24	0.864	-	-	-	-	-	-	-	-

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0530 - SH-60 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): 009-07 MH-60S WARFIGHTING CAPABILITY - 5

Models of Systems Affected: MH-60S MH-60S	Type Modification: OPERATIONAL ENHANCEMENT	Related RDT&E PEs:
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Installation: 009-07 MH-60S WARFIGHTING CAPABILITY	Method of Implementation: Depot Field Mod Team/Depot Mod Line	Installation Name: ECP 4012
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
FY 2011	-	-	-	-	18	0.666	2	0.076	0	0.000	2	0.076
FY 2012	-	-	-	-	-	-	6	0.228	0	0.000	6	0.228
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	20	0.492	24	0.864	18	0.666	8	0.304	0	0.000	8	0.304

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	44	1.356
FY 2011	-	-	-	-	-	-	-	-	-	-	20	0.742
FY 2012	-	-	-	-	-	-	-	-	-	-	6	0.228
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	70	2.326

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0530 - SH-60 Series
Modification Nomenclature (Modification Title, Modification Number): 009-07 MH-60S WARFIGHTING CAPABILITY - 5		

Models of Systems Affected: MH-60S MH-60S	Type Modification: OPERATIONAL ENHANCEMENT	Related RDT&E PEs:
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Installation: 009-07 MH-60S WARFIGHTING CAPABILITY	Method of Implementation: Contractor Field Mod Team	Installation Name: ECP 4039
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Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
FY 2016	-	-	-	-	-	-	2	0.756	11	4.246	13	5.002
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	9	3.231	10	3.650	14	5.194	20	7.560	11	4.246	88	32.233

Installation Schedule		FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
	APY	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	2	3	3	2	4	3	3	2	2	3	2	2	2	3	3	2	2	4	4	3	3	5	5	5	5	11	88
Out	-	-	-	-	-	2	3	3	2	4	3	3	2	2	3	2	2	2	3	3	2	3	4	4	3	5	5	5	5	13	88

Installation: 009-07 MH-60S WARFIGHTING CAPABILITY	Method of Implementation: Contractor Field Mod Team	Installation Name: GPS GAS-1
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	25	0.348	21	0.273	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	25	0.348	21	0.273	-	-	-	-	-	-	-	-

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0530 - SH-60 Series	Modification Nomenclature (Modification Title, Modification Number): 009-07 MH-60S WARFIGHTING CAPABILITY - 5

Models of Systems Affected: MH-60S MH-60S	Type Modification: OPERATIONAL ENHANCEMENT	Related RDT&E PEs:
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Installation: 009-07 MH-60S WARFIGHTING CAPABILITY	Method of Implementation: Contractor Field Mod Team	Installation Name: GPS GAS-1
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Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	46	0.621
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	46	0.621

Installation Schedule																															
APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot	
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4			
In	25	-	-	10	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	46
Out	25	-	-	10	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	46

Installation: 009-07 MH-60S WARFIGHTING CAPABILITY	Method of Implementation: Contractor Field Mod Team	Installation Name: ECP 4046 AVC/DALS
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	8	1.384	0	0.000	8	1.384
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0530 - SH-60 Series
		Modification Nomenclature (Modification Title, Modification Number): 009-07 MH-60S WARFIGHTING CAPABILITY - 5

Models of Systems Affected: MH-60S MH-60S	Type Modification: OPERATIONAL ENHANCEMENT	Related RDT&E PEs:
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Installation: 009-07 MH-60S WARFIGHTING CAPABILITY	Method of Implementation: Contractor Field Mod Team	Installation Name: ECP 4046 AVC/DALS
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	8	1.384	0	0.000	8	1.384

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	1	0.177	-	-	-	-	-	-	-	-	9	1.561
FY 2013	3	0.531	-	-	-	-	-	-	-	-	3	0.531
FY 2014	-	-	8	1.440	-	-	-	-	-	-	8	1.440
FY 2015	-	-	2	0.360	14	2.618	-	-	-	-	16	2.978
FY 2016	-	-	-	-	2	0.374	22	4.158	-	-	24	4.532
FY 2017	-	-	-	-	-	-	2	0.378	22	4.246	24	4.624
To Complete	-	-	-	-	-	-	-	-	45	8.685	45	8.685
Total	4	0.708	10	1.800	16	2.992	24	4.536	67	12.931	129	24.351

Installation Schedule																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	-	-	-	-	-	-	-	4	4	-	2	1	1	1	3	3	3	4	4	4	4	6	6	6	6	67	129
Out	-	-	-	-	-	-	-	-	-	-	-	4	4	-	2	1	1	1	3	3	3	4	4	4	4	6	6	6	6	67	129

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0530 - SH-60 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): 009-07 MH-60S WARFIGHTING CAPABILITY - 5

Models of Systems Affected: MH-60S MH-60S	Type Modification: OPERATIONAL ENHANCEMENT	Related RDT&E PEs:
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Installation: 009-07 MH-60S WARFIGHTING CAPABILITY	Method of Implementation: Contractor Field Mod Team/Depot Field Mod Team	Installation Name: IMDS
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	10	0.657	23	1.755	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	11	0.855	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	7	0.553	0	0.000	7	0.553
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	10	0.657	23	1.755	11	0.855	7	0.553	0	0.000	7	0.553

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	33	2.412
FY 2011	-	-	-	-	-	-	-	-	-	-	11	0.855
FY 2012	-	-	-	-	-	-	-	-	-	-	7	0.553
FY 2013	7	0.564	-	-	-	-	-	-	-	-	7	0.564
FY 2014	-	-	7	0.574	-	-	-	-	-	-	7	0.574
FY 2015	-	-	-	-	14	1.176	-	-	-	-	14	1.176
FY 2016	-	-	-	-	-	-	24	2.064	-	-	24	2.064
FY 2017	-	-	-	-	-	-	-	-	25	2.200	25	2.200
To Complete	-	-	-	-	-	-	-	-	42	3.696	42	3.696
Total	7	0.564	7	0.574	14	1.176	24	2.064	67	5.896	170	14.094

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0530 - SH-60 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): 009-07 MH-60S WARFIGHTING CAPABILITY - 5

Models of Systems Affected: MH-60S MH-60S	Type Modification: OPERATIONAL ENHANCEMENT	Related RDT&E PEs:
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Installation: 009-07 MH-60S WARFIGHTING CAPABILITY	Method of Implementation: Contractor Field Mod Team/Depot Field Mod Team	Installation Name: IMDS
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Installation Schedule																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	10	6	6	6	5	-	-	5	6	1	2	2	2	1	2	2	2	1	2	2	2	3	3	4	4	6	6	6	6	67	170
Out	10	6	6	6	5	-	-	5	6	1	2	2	2	1	2	2	2	1	2	2	2	3	3	4	4	6	6	6	6	67	170

Installation: 009-07 MH-60S WARFIGHTING CAPABILITY	Method of Implementation: Not Installed - Data Link A Kit	Installation Quantity: 40
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Installation: 009-07 MH-60S WARFIGHTING CAPABILITY	Method of Implementation: Not Installed - FFW	Installation Quantity: 193
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Installation: 009-07 MH-60S WARFIGHTING CAPABILITY	Method of Implementation: Not Installed - FFW (B Kits)	Installation Quantity: 193
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Exhibit P-3A, Individual Modification: PB 2013 Navy							Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0530 - SH-60 Series				Modification Nomenclature <i>(Modification Title, Modification Number):</i> 023-08 H-60 OVERLAND MISSIONS - 6				
Models of Systems Affected: SH-60B, SH-60F, HH-60H, MH-60R, MH-60S			Type Modification: OPERATIONAL ENHANCEMENT				Related RDT&E PEs:					

Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	10.269	0.000	3.000	3.700	0.000	3.700	2.601	0.341	0.000	0.000	0.000	19.911
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	10.269	0.000	3.000	3.700	0.000	3.700	2.601	0.341	0.000	0.000	0.000	19.911
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	10.269	0.000	3.000	3.700	0.000	3.700	2.601	0.341	0.000	0.000	0.000	19.911

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

DESCRIPTION/JUSTIFICATION: The H-60 Overland Missions OSIP funds the modifications to the H-60 series aircraft in support of Fleet operations for in-country / overland missions. The modifications included under this OSIP will protect the aircraft from physical damage due to the operational environment in order to increase reliability, maintainability and /or mission capability for the conduct of the in-country / overland mission. The modifications include sand ingestion filters such as the Engine Inlet Barrier Filter (EIBF), Auxiliary Power Unit Inlet Barrier Filter and ALQ-144 filters. T700 EIBF systems are required for H-60 aircraft deployed in the desert environment. EIBF systems directly reduce T700 power degradation rates and prevent incidence of foreign object damage. Additionally, the modifications may include aircraft avionics and missions systems that allow for overland operations in degraded visual flight environments (DVE) that are unique to missions conducted in unimproved terrain, both day and night and in all weather conditions. This includes terrain avoidance warning systems (TAWs), precision overland navigation awareness displays, enhanced radar laser detection systems for obstacle and powerline avoidance, and additional developmental items that pertain to operations in degraded visual environments. Adding a Dual Embedded GPS Inertial (EGI) Navigation Sensor and upgraded software for the Horizontal Situation Visual Display (HSVD) will provide pilots with instantaneous and precise positioning data and hover-specific symbology, greatly enhancing situational awareness when landing in DVE. Additional modifications include a high altitude oxygen system for use while operating in mountains, ballistic floor armor for protection against small arms fire and small arms storage for troop safety.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: EIBF development was completed by the Army and is a commercial off-the-shelf (COTS) procurement.

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy										Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0530 - SH-60 Series						Modification Nomenclature (<i>Modification Title, Modification Number</i>): 023-08 H-60 OVERLAND MISSIONS - 6			
Models of Systems Affected: SH-60B, SH-60F, HH-60H, MH-60R, MH-60S				Type Modification: OPERATIONAL ENHANCEMENT				Related RDT&E PEs:					
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
023-08 H-60 OVERLAND MISSIONS													
A Kits													
Recurring													
1.1.1) Ballistic Protection System (BPS) - Organic	12	0.899	-	-	-	-	-	-	-	-	-	-	
1.1.2) EIBF (HH-60H) - Organic	36	0.833	-	-	-	-	-	-	-	-	-	-	
1.1.3) DVE Kit - OCO - NonOrganic	16	3.200	-	-	-	-	-	-	-	-	-	-	
1.1.4) DVE Kit - NonOrganic	-	-	-	-	-	-	13	2.600	-	-	13	2.600	
1.1.5) Prior Year Installation - Organic	36	0.840	-	-	-	-	-	-	-	-	-	-	
<i>Subtotal Recurring</i>		5.772		0.000		0.000		2.600		0.000		2.600	
NonRecurring													
1.2.1) Installation Kits N/R - Organic	-	1.428	-	-	-	3.000	-	-	-	-	-	-	
<i>Subtotal NonRecurring</i>		1.428		0.000		3.000		0.000		0.000		0.000	
B Kits													
Recurring													
2.1.1) EIBF (HH-60H) - Organic	32	2.750	-	-	-	-	-	-	-	-	-	-	
<i>Subtotal Recurring</i>		2.750		0.000		0.000		0.000		0.000		0.000	
Total, 023-08 H-60 OVERLAND MISSIONS	132	9.950	-	-	-	3.000	13	2.600	-	-	13	2.600	
Total, All Modifications		9.950		0.000		3.000		2.600		0.000		2.600	
Support													
3.1) Engineering Change Orders	-	0.000	-	-	-	-	-	-	-	-	-	-	
3.2) Data	-	0.304	-	-	-	-	-	-	-	-	-	-	
3.3) Training Equipment	-	0.000	-	-	-	-	-	-	-	-	-	-	
3.4) Support Equipment	1	0.015	-	-	-	-	-	-	-	-	-	-	
3.5) ILS	-	0.000	-	-	-	-	-	-	-	-	-	-	
3.6) Other Support	-	-	-	-	-	-	-	0.100	-	-	-	0.100	
3.7) Interim Contractor Support	-	0.000	-	-	-	-	-	-	-	-	-	-	
Total Support Cost		0.319		0.000		0.000		0.100		0.000		0.100	

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0530 - SH-60 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): 023-08 H-60 OVERLAND MISSIONS - 6
Models of Systems Affected: SH-60B, SH-60F, HH-60H, MH-60R, MH-60S	Type Modification: OPERATIONAL ENHANCEMENT	Related RDT&E PEs:

Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
<i>Procurement Cost (Procurement + Support)</i>		10.269		0.000		3.000		2.700		0.000		2.700
<i>Total Installation Cost</i>		0.000		0.000		0.000		1.000		0.000		1.000
Total Cost (Procurement + Support + Installation)		10.269		0.000		3.000		3.700		0.000		3.700

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
023-08 H-60 OVERLAND MISSIONS												
A Kits												
Recurring												
1.1.1) Ballistic Protection System (BPS) - Organic	-	-	-	-	-	-	-	-	-	-	12	0.899
1.1.2) EIBF (HH-60H) - Organic	-	-	-	-	-	-	-	-	-	-	36	0.833
1.1.3) DVE Kit - OCO - NonOrganic	-	-	-	-	-	-	-	-	-	-	16	3.200
1.1.4) DVE Kit - NonOrganic	3	0.600	-	-	-	-	-	-	-	-	16	3.200
1.1.5) Prior Year Installation - Organic	-	-	-	-	-	-	-	-	-	-	36	0.840
<i>Subtotal Recurring</i>		0.600		0.000		0.000		0.000		0.000		8.972
NonRecurring												
1.2.1) Installation Kits N/R - Organic	-	-	-	-	-	-	-	-	-	-	-	4.428
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		4.428
B Kits												
Recurring												
2.1.1) EIBF (HH-60H) - Organic	-	-	-	-	-	-	-	-	-	-	32	2.750
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		2.750
<i>Total, 023-08 H-60 OVERLAND MISSIONS</i>	3	0.600	-	-	-	-	-	-	-	-	148	16.150
<i>Total, All Modifications</i>		0.600		0.000		0.000		0.000		0.000		16.150
Support												
3.1) Engineering Change Orders	-	-	-	-	-	-	-	-	-	-	-	-
3.2) Data	-	-	-	-	-	-	-	-	-	-	-	0.304

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0530 - SH-60 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): 023-08 H-60 OVERLAND MISSIONS - 6

Models of Systems Affected: SH-60B, SH-60F, HH-60H, MH-60R, MH-60S	Type Modification: OPERATIONAL ENHANCEMENT	Related RDT&E PEs:
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
3.3) Training Equipment	-	-	-	-	-	-	-	-	-	-	-	-
3.4) Support Equipment	-	0.300	-	-	-	-	-	-	-	-	1	0.315
3.5) ILS	-	-	-	-	-	-	-	-	-	-	-	-
3.6) Other Support	-	0.888	-	0.153	-	-	-	-	-	-	-	1.141
3.7) Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	-
Total Support Cost		1.188		0.153		0.000		0.000		0.000		1.760
Procurement Cost (Procurement + Support)		1.788		0.153		0.000		0.000		0.000		17.910
Total Installation Cost		0.813		0.188		0.000		0.000		0.000		2.001
Total Cost (Procurement + Support + Installation)		2.601		0.341		0.000		0.000		0.000		19.911

Remarks:

Manufacturer Information: 023-08 H-60 OVERLAND MISSIONS	
Manufacturer Name: DVE -- Contractor Field Mod Team	Manufacturer Location: New MFG - Loc
Administrative Leadtime (in Months): 4	Production Leadtime (in Months): 12

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates			Jan 2013	Jan 2014			
Delivery Dates			Jan 2014	Jan 2015			

Installation: 023-08 H-60 OVERLAND MISSIONS	Method of Implementation: Contractor Field Mod Team	Installation Name: HH-60H DVE
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	16	1.000	0	0.000	16	1.000
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0530 - SH-60 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): 023-08 H-60 OVERLAND MISSIONS - 6
Models of Systems Affected: SH-60B, SH-60F, HH-60H, MH-60R, MH-60S	Type Modification: OPERATIONAL ENHANCEMENT	Related RDT&E PEs:

Installation: 023-08 H-60 OVERLAND MISSIONS		Method of Implementation: Contractor Field Mod Team				Installation Name: HH-60H DVE						
Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	16	1.000	0	0.000	16	1.000

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>
All Prior Years	-	-	-	-	-	-	-	-	-	-	16	1.000
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	13	0.813	-	-	-	-	-	-	-	-	13	0.813
FY 2014	-	-	3	0.188	-	-	-	-	-	-	3	0.188
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	13	0.813	3	0.188	-	-	-	-	-	-	32	2.001

Installation Schedule																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
In	-	-	-	-	-	-	-	-	-	-	6	6	4	-	5	5	3	-	3	-	-	-	-	-	-	-	-	-	32		
Out	-	-	-	-	-	-	-	-	-	-	6	6	4	-	5	5	3	-	3	-	-	-	-	-	-	-	-	-	32		

Installation: 023-08 H-60 OVERLAND MISSIONS		Method of Implementation: Not Installed - Ballistic Protection System (BPS)										Installation Quantity: 12					
Installation: 023-08 H-60 OVERLAND MISSIONS		Method of Implementation: Not Installed - EIBF (HH-60H)										Installation Quantity: 36					

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0530 - SH-60 Series	Modification Nomenclature <i>(Modification Title, Modification Number):</i> 023-08 H-60 OVERLAND MISSIONS - 6
Models of Systems Affected: SH-60B, SH-60F, HH-60H, MH-60R, MH-60S	Type Modification: OPERATIONAL ENHANCEMENT	Related RDT&E PEs:
Installation: 023-08 H-60 OVERLAND MISSIONS	Method of Implementation: Not Installed - Prior Year Installation	Installation Quantity: 36
Installation: 023-08 H-60 OVERLAND MISSIONS	Method of Implementation: Not Installed - EIBF (HH-60H)	Installation Quantity: 32
Installation: 023-08 H-60 OVERLAND MISSIONS	Method of Implementation: Not Installed - Support Equipment	Installation Quantity: 1

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0530 - SH-60 Series	Modification Nomenclature <i>(Modification Title, Modification Number):</i> 008-09 SH-60B DATALINK - 7

Models of Systems Affected: SH-60B	Type Modification: OPERATIONAL ENHANCEMENT	Related RDT&E PEs:
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	10.343	3.048	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	13.391
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	10.343	3.048	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	13.391
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	10.343	3.048	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	13.391

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

DESCRIPTION/JUSTIFICATION: The SH-60B currently has a C-Band data link (Hawklink) to transmit data between aircraft and ship. The Littoral Combat Ship (LCS) will be built with a new data link system, Ku Band, which is not compatible with the C-Band. The installation of the Tactical Common Data Link (TCDL) kits on SH-60B aircraft are required to support the LCS during a limited time-frame - from FY09 to FY13 - after which, it is expected that the MH-60R aircraft will be available to support the LCS. The SH-60B TC DL will support the relatively short-range transmission of voice and video information with a limited amount of tactical data. The funding in this OSIP will provide the procurement of 25 SH-60B Ku Band B-kit modifications to be compatible and interoperable with LCS. The new Ku Band data link will transfer data from the SH-60B to the LCS to meet LCS Anti-Submarine Warfare (ASW) and Surface Warfare (SUW) mission requirements. The kits will be installed by "O" level.

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Exhibit P-3A, Individual Modification: PB 2013 Navy										Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1					P-1 Line Item Nomenclature: 0530 - SH-60 Series					Modification Nomenclature (<i>Modification Title, Modification Number</i>): 008-09 SH-60B DATALINK - 7			
Models of Systems Affected: SH-60B				Type Modification: OPERATIONAL ENHANCEMENT				Related RDT&E PEs:					
Financial Plan		Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
		<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>
Procurement													
008-09 SH-60B DATALINK													
A Kits													
Recurring													
1.1.1) Common Data Link (CDL) - Organic		19	9.641	6	1.577	-	-	-	-	-	-	-	-
<i>Subtotal Recurring</i>			9.641		1.577		0.000		0.000		0.000		0.000
NonRecurring													
1.2.1) Installation Kits N/R - Organic		-	0.246	-	-	-	-	-	-	-	-	-	-
<i>Subtotal NonRecurring</i>			0.246		0.000		0.000		0.000		0.000		0.000
<i>Total, 008-09 SH-60B DATALINK</i>		19	9.887	6	1.577	-	-	-	-	-	-	-	-
<i>Total, All Modifications</i>			9.887		1.577		0.000		0.000		0.000		0.000
Support													
3.1) Engineering Change Orders		-	0.000	-	-	-	-	-	-	-	-	-	-
3.2) Data		-	0.000	-	-	-	-	-	-	-	-	-	-
3.3) Training Equipment		-	-	-	0.100	-	-	-	-	-	-	-	-
3.4) Support Equipment		-	0.000	-	-	-	-	-	-	-	-	-	-
3.5) ILS		-	-	-	0.746	-	-	-	-	-	-	-	-
3.6) Other Support		-	0.456	-	0.625	-	-	-	-	-	-	-	-
3.7) Interim Contractor Support		-	0.000	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>			0.456		1.471		0.000		0.000		0.000		0.000
<i>Procurement Cost (Procurement + Support)</i>			10.343		3.048		0.000		0.000		0.000		0.000
<i>Total Installation Cost</i>			0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)			10.343		3.048		0.000		0.000		0.000		0.000
Financial Plan		FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
		<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>
Procurement													
008-09 SH-60B DATALINK													
A Kits													

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Exhibit P-3A, Individual Modification: PB 2013 Navy										Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1					P-1 Line Item Nomenclature: 0530 - SH-60 Series					Modification Nomenclature (<i>Modification Title, Modification Number</i>): 008-09 SH-60B DATALINK - 7			
Models of Systems Affected: SH-60B				Type Modification: OPERATIONAL ENHANCEMENT				Related RDT&E PEs:					
Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Recurring													
1.1.1) Common Data Link (CDL) - Organic	-	-	-	-	-	-	-	-	-	-	-	25 11.218	
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		11.218	
NonRecurring													
1.2.1) Installation Kits N/R - Organic	-	-	-	-	-	-	-	-	-	-	-	0.246	
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		0.246	
<i>Total, 008-09 SH-60B DATALINK</i>	-	-	-	-	-	-	-	-	-	-	25 11.464		
<i>Total, All Modifications</i>		0.000		0.000		0.000		0.000		0.000		11.464	
Support													
3.1) Engineering Change Orders	-	-	-	-	-	-	-	-	-	-	-	-	
3.2) Data	-	-	-	-	-	-	-	-	-	-	-	-	
3.3) Training Equipment	-	-	-	-	-	-	-	-	-	-	-	0.100	
3.4) Support Equipment	-	-	-	-	-	-	-	-	-	-	-	-	
3.5) ILS	-	-	-	-	-	-	-	-	-	-	-	0.746	
3.6) Other Support	-	-	-	-	-	-	-	-	-	-	-	1.081	
3.7) Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	-	
<i>Total Support Cost</i>		0.000		0.000		0.000		0.000		0.000		1.927	
<i>Procurement Cost (Procurement + Support)</i>		0.000		0.000		0.000		0.000		0.000		13.391	
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000	
Total Cost (Procurement + Support + Installation)		0.000		0.000		0.000		0.000		0.000		13.391	
Remarks:													
Manufacturer Information: 008-09 SH-60B DATALINK													
Manufacturer Name: Manufacturer Name Not Provided.						Manufacturer Location: Manufacturer Location Not Provided.							
Administrative Leadtime (<i>in Months</i>):						Production Leadtime (<i>in Months</i>):							
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017						
Contract Dates													
Delivery Dates													

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0530 - SH-60 Series	Modification Nomenclature <i>(Modification Title, Modification Number):</i> 008-09 SH-60B DATALINK - 7
Models of Systems Affected: SH-60B	Type Modification: OPERATIONAL ENHANCEMENT	Related RDT&E PEs:
Installation: 008-09 SH-60B DATALINK	Method of Implementation: Organic - Common Data Link (CDL)	Installation Quantity: 25

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0530 - SH-60 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): 009-09 MH-60R/S CREW WORKLOAD - OPERATOR SYSTEM INTERFACE - 8

Models of Systems Affected: MH-60R, MH-60S	Type Modification: OPERATIONAL ENHANCEMENT	Related RDT&E PEs:
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	8.865	20.965	7.036	2.392	0.000	2.392	0.000	0.000	33.828	0.000	4.957	78.043
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	8.865	20.965	7.036	2.392	0.000	2.392	0.000	0.000	33.828	0.000	4.957	78.043
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	8.865	20.965	7.036	2.392	0.000	2.392	0.000	0.000	33.828	0.000	4.957	78.043

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

DESCRIPTION/JUSTIFICATION: This effort reduces crew Operator System Interface (OSI) workload issues for MH-60R and MH-60S aircraft by replacing operator keysets with Control Display Units (CDU's) and Pointing Devices (PD's) in addition to upgrading OSI software to a point-and-click interface. The OSI kit includes a CDU, Pointing Device, and Interface Cabling Kit. This effort corrects deficiencies identified during OPEVAL of the MH-60R. MH-60R requires 3 OSI kits per aircraft and MH-60S requires 2 OSI kits per aircraft.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: MH-60S aircraft completed OPEVAL in Mar 2002 and MS III in Aug 2002. MH-60R completed OPEVAL in Sep 2005 and MS III in Mar 06. NRE for Production incorporation of the OSI was funded in FY07, with production cut-in LOT 14 for MH-60S and LOT 9 for MH-60R.

METHOD OF IMPLEMENTATION: OSI is an "O" Level Install.

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0530 - SH-60 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): 009-09 MH-60R/S CREW WORKLOAD - OPERATOR SYSTEM INTERFACE - 8

Models of Systems Affected: MH-60R, MH-60S	Type Modification: OPERATIONAL ENHANCEMENT	Related RDT&E PEs:
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
009-09 MH-60R/S CREW WORKLOAD - OPERATOR SYSTEM INTERFACE												
A Kits												
Recurring												
1.1.1) MH-60R - Organic	40	2.913	185	9.581	45	3.005	-	-	-	-	-	-
1.1.2) MH-60S - Organic	60	4.273	263	9.093	26	1.709	12	0.789	-	-	12	0.789
<i>Subtotal Recurring</i>		7.186		18.674		4.714		0.789		0.000		0.789
<i>Total, 009-09 MH-60R/S CREW WORKLOAD - OPERATOR SYSTEM INTERFACE</i>	100	7.186	448	18.674	71	4.714	12	0.789	-	-	12	0.789
<i>Total, All Modifications</i>		7.186		18.674		4.714		0.789		0.000		0.789
Support												
3.1) Engineering Change Orders	-	0.000	-	-	-	-	-	-	-	-	-	-
3.2) Data	-	0.000	-	-	-	-	-	-	-	-	-	-
3.3) Training Equipment	23	1.679	19	1.259	18	1.183	6	0.394	-	-	6	0.394
3.4) Support Equipment	-	0.000	-	-	-	-	-	-	-	-	-	-
3.5) ILS	-	0.000	-	-	-	-	-	-	-	-	-	-
3.6) Other Support	-	-	-	1.032	-	1.139	-	1.209	-	-	-	1.209
3.7) Interim Contractor Support	-	0.000	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		1.679		2.291		2.322		1.603		0.000		1.603
<i>Procurement Cost (Procurement + Support)</i>		8.865		20.965		7.036		2.392		0.000		2.392
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		8.865		20.965		7.036		2.392		0.000		2.392

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0530 - SH-60 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): 009-09 MH-60R/S CREW WORKLOAD - OPERATOR SYSTEM INTERFACE - 8

Models of Systems Affected: MH-60R, MH-60S	Type Modification: OPERATIONAL ENHANCEMENT	Related RDT&E PEs:
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
009-09 MH-60R/S CREW WORKLOAD - OPERATOR SYSTEM INTERFACE												
A Kits												
Recurring												
1.1.1) MH-60R - Organic	-	-	-	-	243	17.793	-	-	-	-	513	33.292
1.1.2) MH-60S - Organic	-	-	-	-	204	14.812	-	-	60	4.357	625	35.033
<i>Subtotal Recurring</i>		0.000		0.000		32.605		0.000		4.357		68.325
<i>Total, 009-09 MH-60R/S CREW WORKLOAD - OPERATOR SYSTEM INTERFACE</i>	-	-	-	-	447	32.605	-	-	60	4.357	1,138	68.325
<i>Total, All Modifications</i>		0.000		0.000		32.605		0.000		4.357		68.325
Support												
3.1) Engineering Change Orders	-	-	-	-	-	-	-	-	-	-	-	-
3.2) Data	-	-	-	-	-	-	-	-	-	-	-	-
3.3) Training Equipment	-	-	-	-	-	-	-	-	-	-	66	4.515
3.4) Support Equipment	-	-	-	-	-	-	-	-	-	-	-	-
3.5) ILS	-	-	-	-	-	-	-	-	-	-	-	-
3.6) Other Support	-	-	-	-	-	1.223	-	-	-	0.600	-	5.203
3.7) Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		0.000		0.000		1.223		0.000		0.600		9.718
<i>Procurement Cost (Procurement + Support)</i>		0.000		0.000		33.828		0.000		4.957		78.043
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		0.000		0.000		33.828		0.000		4.957		78.043

Remarks:

Manufacturer Information: 009-09 MH-60R/S CREW WORKLOAD - OPERATOR SYSTEM INTERFACE

Manufacturer Name: Manufacturer Name Not Provided. Manufacturer Location: Manufacturer Location Not Provided.

Administrative Leadtime (in Months): Production Leadtime (in Months):

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates							

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Exhibit P-3A, Individual Modification: PB 2013 Navy						Date: February 2012	
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1			P-1 Line Item Nomenclature: 0530 - SH-60 Series			Modification Nomenclature <i>(Modification Title, Modification Number):</i> 009-09 MH-60R/S CREW WORKLOAD - OPERATOR SYSTEM INTERFACE - 8	
Models of Systems Affected: MH-60R, MH-60S			Type Modification: OPERATIONAL ENHANCEMENT			Related RDT&E PEs:	
Manufacturer Information: 009-09 MH-60R/S CREW WORKLOAD - OPERATOR SYSTEM INTERFACE							
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Delivery Dates							
Installation: 009-09 MH-60R/S CREW WORKLOAD - OPERATOR SYSTEM INTERFACE			Method of Implementation: Organic - MH-60R			Installation Quantity: 513	
Installation: 009-09 MH-60R/S CREW WORKLOAD - OPERATOR SYSTEM INTERFACE			Method of Implementation: Organic - MH-60S			Installation Quantity: 625	
Installation: 009-09 MH-60R/S CREW WORKLOAD - OPERATOR SYSTEM INTERFACE			Method of Implementation: Not Installed - Training Equipment			Installation Quantity: 66	

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0530 - SH-60 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): 005-12 AUTOMATIC RADAR PERISCOPE DETECTION DESCRIMINATION (ARPDD) - 9

Models of Systems Affected: MH-60R **Type Modification:** OPERATIONAL ENHANCEMENT **Related RDT&E PEs:**

Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	0.000	0.000	15.033	33.486	0.000	33.486	40.511	43.341	44.916	45.827	439.841	662.955
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	0.000	0.000	15.033	33.486	0.000	33.486	40.511	43.341	44.916	45.827	439.841	662.955
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	0.000	0.000	15.033	33.486	0.000	33.486	40.511	43.341	44.916	45.827	439.841	662.955

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

DESCRIPTION/JUSTIFICATION: This line item funds modifications to the MH-60R series aircraft. The modification upgrades the AN/APS-147 Multi-Mode Radar (MMR) to incorporate Automatic Radar Periscope Detection and Discriminator (ARPDD) functionality. ARPDD provides the MH-60R the capability to detect very small, low visibility targets, such as periscopes and small vessels, and alert the aircrew to their presence from a very long distances, reducing aircrew workload and increasing battle group survivability. Three hundred MH-60R aircraft will receive ARPDD capability, 154 will be retrofit. The AN/APS-147 MMR consists of the Signal Data Processor (SDP)/ARPDD Enhanced Processor (AEP), Receiver Transmitter (RT), Antenna Pedestal (AP), Antenna Array (AA), and Interrogator Friend or Foe Receiver Transmitter (IFF R/T). Retrofits to the IFF R/T will provide Mode 5 interrogation capability.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: ARPDD capability was approved with CPD 260-05 dated 28 November 2005. CDR was completed April 2009. Future milestone include contractor test scheduled to complete December 2010, developmental test in December 2011, and operational test in July 2012.

METHOD IMPLEMENTATION: Mode 5 is an "O" Level install

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0530 - SH-60 Series	Modification Nomenclature <i>(Modification Title, Modification Number):</i> 005-12 AUTOMATIC RADAR PERISCOPE DETECTION DESCRIMINATION (ARPDD) - 9

Models of Systems Affected: MH-60R	Type Modification: OPERATIONAL ENHANCEMENT	Related RDT&E PEs:
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
005-12 AUTOMATIC RADAR PERISCOPE DETECTION DESCRIMINATION (ARPDD)												
A Kits												
Recurring												
1.1.1) APRDD Kits - NonOrganic	-	-	-	-	4	0.400	8	0.816	-	-	8	0.816
<i>Subtotal Recurring</i>		0.000		0.000		0.400		0.816		0.000		0.816
B Kits												
Recurring												
2.1.1) ARPDD Kit - Organic	-	-	-	-	4	12.100	8	14.465	-	-	8	14.465
2.1.2) Mode 5 Kit - Organic	-	-	-	-	-	-	64	14.409	-	-	64	14.409
<i>Subtotal Recurring</i>		0.000		0.000		12.100		28.874		0.000		28.874
NonRecurring												
2.2.1) Installation Equipment N/R - Organic	-	-	-	-	-	0.500	-	-	-	-	-	-
<i>Subtotal NonRecurring</i>		0.000		0.000		0.500		0.000		0.000		0.000
<i>Total, 005-12 AUTOMATIC RADAR PERISCOPE DETECTION DESCRIMINATION (ARPDD)</i>	-	-	-	-	8	13.000	80	29.690	-	-	80	29.690
<i>Total, All Modifications</i>		0.000		0.000		13.000		29.690		0.000		29.690
Support												
3.1) Engineering Change Orders	-	0.000	-	-	-	-	-	-	-	-	-	-
3.2) ARPDD Kit ECO	-	-	-	-	-	0.507	-	0.371	-	-	-	0.371
3.3) Data	-	-	-	-	-	0.700	-	0.950	-	-	-	0.950
3.4) Training Equipment	-	-	-	-	-	-	-	1.300	-	-	-	1.300
3.5) Support Equipment	-	-	-	-	-	-	-	-	-	-	-	-
3.6) ILS	-	-	-	-	-	-	-	0.716	-	-	-	0.716
3.7) Other Support	-	-	-	-	-	0.826	-	0.459	-	-	-	0.459
3.8) Interim Contractor Support	-	0.000	-	-	-	-	-	-	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0530 - SH-60 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): 005-12 AUTOMATIC RADAR PERISCOPE DETECTION DISCRIMINATION (ARPDD) - 9

Models of Systems Affected: MH-60R	Type Modification: OPERATIONAL ENHANCEMENT	Related RDT&E PEs:										
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
<i>Total Support Cost</i>		0.000		0.000		2.033		3.796		0.000		3.796
<i>Procurement Cost (Procurement + Support)</i>		0.000		0.000		15.033		33.486		0.000		33.486
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		0.000		0.000		15.033		33.486		0.000		33.486

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
005-12 AUTOMATIC RADAR PERISCOPE DETECTION DISCRIMINATION (ARPDD)												
A Kits												
Recurring												
1.1.1) APRDD Kits - NonOrganic	10	1.100	10	1.061	10	1.082	11	1.375	101	23.050	154	28.884
<i>Subtotal Recurring</i>		1.100		1.061		1.082		1.375		23.050		28.884
B Kits												
Recurring												
2.1.1) ARPDD Kit - Organic	10	23.695	10	21.441	10	34.479	11	34.726	101	335.086	154	475.992
2.1.2) Mode 5 Kit - Organic	47	10.582	60	13.560	-	-	-	-	-	-	171	38.551
<i>Subtotal Recurring</i>		34.277		35.001		34.479		34.726		335.086		514.543
NonRecurring												
2.2.1) Installation Equipment N/R - Organic	-	-	-	-	-	-	-	-	-	-	-	0.500
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		0.500
<i>Total, 005-12 AUTOMATIC RADAR PERISCOPE DETECTION DISCRIMINATION (ARPDD)</i>	67	35.377	80	36.062	20	35.561	22	36.101	202	358.136	479	543.927
<i>Total, All Modifications</i>		35.377		36.062		35.561		36.101		358.136		543.927
Support												
3.1) Engineering Change Orders	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0530 - SH-60 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): 005-12 AUTOMATIC RADAR PERISCOPE DETECTION DESCRIMINATION (ARPDD) - 9

Models of Systems Affected: MH-60R	Type Modification: OPERATIONAL ENHANCEMENT	Related RDT&E PEs:										
Financial Plan	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total						
	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>
3.2) ARPDD Kit ECO	-	0.950	-	1.130	-	2.350	-	2.350	-	6.125	-	13.783
3.3) Data	-	0.950	-	1.050	-	1.285	-	1.285	-	7.080	-	13.300
3.4) Training Equipment	-	2.000	-	2.000	-	-	-	-	-	-	-	5.300
3.5) Support Equipment	-	-	-	-	-	-	-	0.000	-	1.500	-	1.500
3.6) ILS	-	0.720	-	0.923	-	1.500	-	1.276	-	5.550	-	10.685
3.7) Other Support	-	0.514	-	0.576	-	1.622	-	1.183	-	13.503	-	18.683
3.8) Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	-
Total Support Cost		5.134		5.679		6.757		6.094		33.758		63.251
Procurement Cost (Procurement + Support)		40.511		41.741		42.318		42.195		391.894		607.178
Total Installation Cost		0.000		1.600		2.598		3.632		47.947		55.777
Total Cost (Procurement + Support + Installation)		40.511		43.341		44.916		45.827		439.841		662.955

Remarks:

Manufacturer Information: 005-12 AUTOMATIC RADAR PERISCOPE DETECTION DESCRIMINATION (ARPDD)							
Manufacturer Name: ARPPD -- Contractor Field Mod Team				Manufacturer Location: New MFG - Loc			
Administrative Leadtime (<i>in Months</i>): 6				Production Leadtime (<i>in Months</i>): 36			
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates		Mar 2012	Mar 2013	Mar 2014			
Delivery Dates		Mar 2015	Mar 2016	Mar 2017			

Installation: 005-12 AUTOMATIC RADAR PERISCOPE DETECTION DESCRIMINATION (ARPDD)		Method of Implementation: Contractor Field Mod Team				Installation Name: APRDD Kits						
Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0530 - SH-60 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): 005-12 AUTOMATIC RADAR PERISCOPE DETECTION DESCRIMINATION (ARPD) - 9

Models of Systems Affected: MH-60R	Type Modification: OPERATIONAL ENHANCEMENT	Related RDT&E PEs:
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Installation: 005-12 AUTOMATIC RADAR PERISCOPE DETECTION DESCRIMINATION (ARPD)	Method of Implementation: Contractor Field Mod Team	Installation Name: ARPD Kits
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	-	-

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	4	1.600	-	-	-	-	-	-	4	1.600
FY 2013	-	-	-	-	8	2.598	-	-	-	-	8	2.598
FY 2014	-	-	-	-	-	-	10	3.632	-	-	10	3.632
FY 2015	-	-	-	-	-	-	-	-	10	3.632	10	3.632
FY 2016	-	-	-	-	-	-	-	-	10	3.632	10	3.632
FY 2017	-	-	-	-	-	-	-	-	11	3.996	11	3.996
To Complete	-	-	-	-	-	-	-	-	101	36.687	101	36.687
Total	-	-	4	1.600	8	2.598	10	3.632	132	47.947	154	55.777

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0530 - SH-60 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): 005-12 AUTOMATIC RADAR PERISCOPE DETECTION DESCRIMINATION (ARPDD) - 9

Models of Systems Affected: MH-60R	Type Modification: OPERATIONAL ENHANCEMENT	Related RDT&E PEs:
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Installation: 005-12 AUTOMATIC RADAR PERISCOPE DETECTION DESCRIMINATION (ARPDD)	Method of Implementation: Contractor Field Mod Team	Installation Name: APRDD Kits
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Installation Schedule																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	2	2	2	2	2	1	3	3	3	132	154
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	2	2	2	2	2	1	3	3	135	154

Installation: 005-12 AUTOMATIC RADAR PERISCOPE DETECTION DESCRIMINATION (ARPDD)	Method of Implementation: Not Installed - ARPDD Kit	Installation Quantity: 154
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Installation: 005-12 AUTOMATIC RADAR PERISCOPE DETECTION DESCRIMINATION (ARPDD)	Method of Implementation: Organic - Mode 5 Kit	Installation Quantity: 171
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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0530 - SH-60 Series	Modification Nomenclature <i>(Modification Title, Modification Number):</i> 018-12 H-60 AIRCRAFT SUSTAINMENT - 10

Models of Systems Affected: SH-60B, SH-60F, HH-60H, MH-60S, MH-60R	Type Modification: SUSTAINMENT	Related RDT&E PEs:
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	0.000	0.000	5.400	8.221	0.000	8.221	8.449	3.950	3.950	0.700	55.580	86.250
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	0.000	0.000	5.400	8.221	0.000	8.221	8.449	3.950	3.950	0.700	55.580	86.250
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	0.000	0.000	5.400	8.221	0.000	8.221	8.449	3.950	3.950	0.700	55.580	86.250
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

DESCRIPTION/JUSTIFICATION: The H-60 aircraft sustainment strategy targets initiatives to remedy the top age related maintenance degraders that impede the aircraft's ability to operate into the future. This effort will sustain the H-60 in an affordable manner until the follow on aircraft becomes available. Wire insulation breaches occur in all aircraft regardless of age, and a breach in the wire is a precursor of wire failure, often resulting in forced landings or even loss of the aircraft and crew. The propensity for failure of wire insulation is primarily due to age of the polymer that makes up the wire insulation. Other factors such as vibration, moisture, temperature, installation practices, and routing in the aircraft contribute to the aging process. The bulk of wire troubleshooting on aircraft electrical circuits is perfumed by making pin-to-pin measurements using a hand-held multimeter or manual breakout boxes. It is a slow process, prone to human error, and cannot be used to detect wire faults prior to occurrence. Thus wire maintenance today is purely reactive. The typical wire inspection employed by military electricians is visual and does not meet the needs of emerging aircraft wiring problems. Obvious failures, such as severed wire, can be detected with human sight; however, visual inspections will not detect the slow erosion associated with the aging process of wire. Further, studies have proven that only twenty-five percent of any aircraft wiring system can be visually inspected without extensive removal of access panels, floorboards, and sound proofing.

The H-60 Aircraft are included in the DEPT of the Navy Aviation Plan through CY 2045. The H-60 Aircraft Sustainment Strategy targets initiatives to remedy the top age-related maintenance degraders, fatigue life limiters, and safety issues that impede the aircraft's ability to operate into the future. This program implements a concentrated effort to utilize improvements to the H-60 component obsolescence (e.g. Engine redesign), structural limitations (e.g. tail Pylon, canted bulkhead, station 308 structural improvement), aircrew safety systems and program sustainment support.

Aircraft modification/replacement of the ASN-150 computer and the communication system controller in the HH-60H will allow for future software builds. The current computer has obsolescence issues and does not have the memory or processing speed for new software builds. Other obsolescence issues to be modified are the AFCS control panel, SBU-28 rate gyro and hellfire control units. Aircraft floor boards, sound proofing and environmental control system duct work must be replaced as the aircraft ages and these items wear due to use. In addition to other engine, structural, avionics and aircrew safety systems.

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0530 - SH-60 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): 018-12 H-60 AIRCRAFT SUSTAINMENT - 10

Models of Systems Affected: SH-60B, SH-60F, HH-60H, MH-60S, MH-60R	Type Modification: SUSTAINMENT	Related RDT&E PEs:
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
018-12 H-60 AIRCRAFT SUSTAINMENT												
A Kits												
Recurring												
1.1.1) SH-60B Wiring - NonOrganic ⁽¹⁾	-	-	-	-	9	1.350	17	2.975	-	-	17	2.975
1.1.2) HH-60H Wiring - NonOrganic ⁽²⁾	-	-	-	-	-	-	-	-	-	-	-	-
1.1.3) Obsolescence Components Kits - Organic	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal Recurring</i>		0.000		0.000		1.350		2.975		0.000		2.975
NonRecurring												
1.2.1) Installation Kits N/R - Organic	-	-	-	-	-	3.000	-	-	-	-	-	-
1.2.2) Obsolescence Components Kits - Organic	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal NonRecurring</i>		0.000		0.000		3.000		0.000		0.000		0.000
<i>Total, 018-12 H-60 AIRCRAFT SUSTAINMENT</i>	-	-	-	-	9	4.350	17	2.975	-	-	17	2.975
<i>Total, All Modifications</i>		0.000		0.000		4.350		2.975		0.000		2.975
Support												
3.1) Engineering Change Orders	-	0.000	-	-	-	-	-	-	-	-	-	-
3.2) Data	-	-	-	-	-	0.450	-	-	-	-	-	-
3.3) Training Equipment	-	0.000	-	-	-	-	-	-	-	-	-	-
3.4) Support Equipment	-	-	-	-	-	-	6	4.088	-	-	6	4.088
3.5) ILS	-	-	-	-	-	-	-	0.451	-	-	-	0.451
3.6) Other Support	-	-	-	-	-	0.600	-	0.500	-	-	-	0.500
3.7) Interim Contractor Support	-	0.000	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		0.000		0.000		1.050		5.039		0.000		5.039
<i>Procurement Cost (Procurement + Support)</i>		0.000		0.000		5.400		8.014		0.000		8.014
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.207		0.000		0.207
Total Cost (Procurement + Support + Installation)		0.000		0.000		5.400		8.221		0.000		8.221

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0530 - SH-60 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): 018-12 H-60 AIRCRAFT SUSTAINMENT - 10

Models of Systems Affected: SH-60B, SH-60F, HH-60H, MH-60S, MH-60R	Type Modification: SUSTAINMENT	Related RDT&E PEs:
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
018-12 H-60 AIRCRAFT SUSTAINMENT												
A Kits												
Recurring												
1.1.1) SH-60B Wiring - NonOrganic ⁽¹⁾	2	0.350	-	-	-	-	-	-	10	1.750	38	6.425
1.1.2) HH-60H Wiring - NonOrganic ⁽²⁾	8	1.400	13	2.275	12	2.100	-	-	-	-	33	5.775
1.1.3) Obsolescence Components Kits - Organic	-	-	-	-	-	-	0	0.000	35	30.000	35	30.000
<i>Subtotal Recurring</i>		1.750		2.275		2.100		0.000		31.750		42.200
NonRecurring												
1.2.1) Installation Kits N/R - Organic	-	1.070	-	-	-	-	-	-	-	-	-	4.070
1.2.2) Obsolescence Components Kits - Organic	-	3.600	-	-	-	0.601	-	-	-	23.600	-	27.801
<i>Subtotal NonRecurring</i>		4.670		0.000		0.601		0.000		23.600		31.871
<i>Total, 018-12 H-60 AIRCRAFT SUSTAINMENT</i>	10	6.420	13	2.275	12	2.701	-	-	45	55.350	106	74.071
<i>Total, All Modifications</i>		6.420		2.275		2.701		0.000		55.350		74.071
Support												
3.1) Engineering Change Orders	-	-	-	-	-	-	-	-	-	-	-	-
3.2) Data	-	-	-	-	-	-	-	-	-	-	-	0.450
3.3) Training Equipment	-	-	-	-	-	-	-	-	-	-	-	-
3.4) Support Equipment	-	0.689	-	0.495	-	-	-	-	-	-	6	5.272
3.5) ILS	-	0.449	-	0.450	-	0.450	-	0.187	-	-	-	1.987
3.6) Other Support	-	0.500	-	0.500	-	0.500	-	0.237	-	-	-	2.837
3.7) Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		1.638		1.445		0.950		0.424		0.000		10.546
<i>Procurement Cost (Procurement + Support)</i>		8.058		3.720		3.651		0.424		55.350		84.617
<i>Total Installation Cost</i>		0.391		0.230		0.299		0.276		0.230		1.633
Total Cost (Procurement + Support + Installation)		8.449		3.950		3.950		0.700		55.580		86.250

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0530 - SH-60 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): 018-12 H-60 AIRCRAFT SUSTAINMENT - 10

Models of Systems Affected: SH-60B, SH-60F, HH-60H, MH-60S, MH-60R	Type Modification: SUSTAINMENT	Related RDT&E PEs:
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Remarks:
 (1)The first two FY12 kits will be installed as NRE val/ver kits, therefore reflect FY13 start.
 (2)The first two FY14 kits will be installed as NRE val/ver kits, therefore reflect FY15 start.

Manufacturer Information: 018-12 H-60 AIRCRAFT SUSTAINMENT

Manufacturer Name: SH-60B Wiring -- Contractor Field Mod Team	Manufacturer Location: New MFG - Loc
Administrative Leadtime (<i>in Months</i>): 5	Production Leadtime (<i>in Months</i>): 6

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates		Mar 2012	Mar 2013	Mar 2014			
Delivery Dates		Aug 2012	Aug 2013	Aug 2014			

Manufacturer Name: HH-60H Wiring -- Contractor Field Mod Team	Manufacturer Location: New MFG - Loc
Administrative Leadtime (<i>in Months</i>): 5	Production Leadtime (<i>in Months</i>): 6

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates				Mar 2014			
Delivery Dates				Aug 2014			

Installation: 018-12 H-60 AIRCRAFT SUSTAINMENT **Method of Implementation:** Contractor Field Mod Team **Installation Name:** SH-60B Wiring

Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	9	0.207	0	0.000	9	0.207
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	9	0.207	0	0.000	9	0.207

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0530 - SH-60 Series
Models of Systems Affected: SH-60B, SH-60F, HH-60H, MH-60S, MH-60R		Modification Nomenclature (Modification Title, Modification Number): 018-12 H-60 AIRCRAFT SUSTAINMENT - 10
Type Modification: SUSTAINMENT		Related RDT&E PEs:

Installation: 018-12 H-60 AIRCRAFT SUSTAINMENT		Method of Implementation: Contractor Field Mod Team						Installation Name: SH-60B Wiring					
Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total		
	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-	
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-	
FY 2012	-	-	-	-	-	-	-	-	-	-	9	0.207	
FY 2013	17	0.391	-	-	-	-	-	-	-	-	17	0.391	
FY 2014	-	-	2	0.046	-	-	-	-	-	-	2	0.046	
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-	
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-	
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-	
To Complete	-	-	-	-	-	-	-	-	10	0.230	10	0.230	
Total	17	0.391	2	0.046	-	-	-	-	10	0.230	38	0.874	

Installation Schedule																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	-	-	-	-	-	3	3	3	-	4	2	8	3	-	-	1	1	-	-	-	-	-	-	-	-	10	38
Out	-	-	-	-	-	-	-	-	-	3	3	3	-	4	2	8	3	-	-	1	1	-	-	-	-	-	-	-	-	10	38

Installation: 018-12 H-60 AIRCRAFT SUSTAINMENT		Method of Implementation: Contractor Field Mod Team						Installation Name: HH-60H Wiring					
Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-	
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-	
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-	
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-	
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-	
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-	

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0530 - SH-60 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): 018-12 H-60 AIRCRAFT SUSTAINMENT - 10

Models of Systems Affected: SH-60B, SH-60F, HH-60H, MH-60S, MH-60R	Type Modification: SUSTAINMENT	Related RDT&E PEs:
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Installation: 018-12 H-60 AIRCRAFT SUSTAINMENT	Method of Implementation: Contractor Field Mod Team	Installation Name: HH-60H Wiring
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	-	-

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	8	0.184	-	-	-	-	-	-	8	0.184
FY 2015	-	-	-	-	13	0.299	-	-	-	-	13	0.299
FY 2016	-	-	-	-	-	-	12	0.276	-	-	12	0.276
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	8	0.184	13	0.299	12	0.276	-	-	33	0.759

Installation Schedule																														
APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	2	2	3	4	3	3	3	3	3	3	-	33
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	2	2	3	4	3	3	3	3	3	3	-	33

Installation: 018-12 H-60 AIRCRAFT SUSTAINMENT	Method of Implementation: Not Installed - Obsolescence Components Kits	Installation Quantity: 35
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UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0530 - SH-60 Series	Modification Nomenclature <i>(Modification Title, Modification Number):</i> 018-12 H-60 AIRCRAFT SUSTAINMENT - 10
Models of Systems Affected: SH-60B, SH-60F, HH-60H, MH-60S, MH-60R	Type Modification: SUSTAINMENT	Related RDT&E PEs:
Installation: 018-12 H-60 AIRCRAFT SUSTAINMENT	Method of Implementation: Not Installed - Support Equipment	Installation Quantity: 6

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy							Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0530 - SH-60 Series				Modification Nomenclature (<i>Modification Title, Modification Number</i>): Inactive OSIPs - 11				

Models of Systems Affected: [No Model Specified] **Type Modification:** [No Modification Type Specified] **Related RDT&E PEs:**

Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	191.165	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	191.165
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	191.165	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	191.165
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	191.165	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	191.165

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0530 - SH-60 Series
Modification Nomenclature (Modification Title, Modification Number): Inactive OSIPs - 11		

Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs:
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
Inactive OSIPs												
A Kits												
Recurring												
1.1.1) Inactive OSIPs - Organic	-	191.165	-	-	-	-	-	-	-	-	-	-
<i>Subtotal Recurring</i>		191.165		0.000		0.000		0.000		0.000		0.000
<i>Total, Inactive OSIPs</i>	-	191.165	-	-	-	-	-	-	-	-	-	-
<i>Total, All Modifications</i>		191.165		0.000		0.000		0.000		0.000		0.000
Support												
3.1) Engineering Change Orders	-	0.000	-	-	-	-	-	-	-	-	-	-
3.2) Data	-	0.000	-	-	-	-	-	-	-	-	-	-
3.3) Training Equipment	-	0.000	-	-	-	-	-	-	-	-	-	-
3.4) Support Equipment	-	0.000	-	-	-	-	-	-	-	-	-	-
3.5) ILS	-	0.000	-	-	-	-	-	-	-	-	-	-
3.6) Other Support	-	0.000	-	-	-	-	-	-	-	-	-	-
3.7) Interim Contractor Support	-	0.000	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
<i>Procurement Cost (Procurement + Support)</i>		191.165		0.000		0.000		0.000		0.000		0.000
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		191.165		0.000		0.000		0.000		0.000		0.000

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
Inactive OSIPs												
A Kits												
Recurring												
1.1.1) Inactive OSIPs - Organic	-	-	-	-	-	-	-	-	-	-	-	191.165
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		191.165

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy										Date: February 2012				
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1					P-1 Line Item Nomenclature: 0530 - SH-60 Series					Modification Nomenclature (<i>Modification Title, Modification Number</i>): Inactive OSIPs - 11				
Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]					Related RDT&E PEs:						
Financial Plan		FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total		
		<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	
<i>Total, Inactive OSIPs</i>		-	-	-	-	-	-	-	-	-	-	-	191.165	
<i>Total, All Modifications</i>			0.000		0.000		0.000		0.000		0.000		191.165	
Support														
3.1) Engineering Change Orders		-	-	-	-	-	-	-	-	-	-	-	-	
3.2) Data		-	-	-	-	-	-	-	-	-	-	-	-	
3.3) Training Equipment		-	-	-	-	-	-	-	-	-	-	-	-	
3.4) Support Equipment		-	-	-	-	-	-	-	-	-	-	-	-	
3.5) ILS		-	-	-	-	-	-	-	-	-	-	-	-	
3.6) Other Support		-	-	-	-	-	-	-	-	-	-	-	-	
3.7) Interim Contractor Support		-	-	-	-	-	-	-	-	-	-	-	-	
<i>Total Support Cost</i>			0.000		0.000		0.000		0.000		0.000		0.000	
<i>Procurement Cost (Procurement + Support)</i>			0.000		0.000		0.000		0.000		0.000		191.165	
<i>Total Installation Cost</i>			0.000		0.000		0.000		0.000		0.000		0.000	
Total Cost (Procurement + Support + Installation)			0.000		0.000		0.000		0.000		0.000		191.165	
Remarks:														
Manufacturer Information: Inactive OSIPs														
Manufacturer Name: Manufacturer Name Not Provided.							Manufacturer Location: Manufacturer Location Not Provided.							
Administrative Leadtime (<i>in Months</i>):							Production Leadtime (<i>in Months</i>):							
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates														
Delivery Dates														
Installation: Inactive OSIPs			Method of Implementation: No Quantities Associated with Install					Installation Quantity: 0						

UNCLASSIFIED

Exhibit P-40, Budget Item Justification Sheet: PB 2013 Navy **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 1506N : Aircraft Procurement, Navy / BA 5 : Modification of Aircraft / BSA 1 : Modification Of Aircraft	P-1 Line Item Nomenclature: 0532 - H-1 Series
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ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	281.514	5.377	8.412	6.508	-	6.508	25.504	15.228	14.112	13.807	149.408	519.870
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	281.514	5.377	8.412	6.508	-	6.508	25.504	15.228	14.112	13.807	149.408	519.870
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	281.514	5.377	8.412	6.508	-	6.508	25.504	15.228	14.112	13.807	149.408	519.870

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

This line item funds modifications to the UH-1N/Y and AH-1Z. The mission of the UH-1N/Y utility helicopter is to provide command and control and combat assault support under day/night and adverse weather conditions and special operations support: supporting arms coordination and aeromedical evacuation. The HH-configured aircraft provide local civilian and military search and rescue support, as well as augmenting Department of Homeland Security resources. The AH-1Z is a tandem-seat, two-place attack helicopter. The mission of the AH-1Z attack helicopter is to provide rotary wing close air support, anti-armor, armed escort, armed/visual reconnaissance, anti-helicopter and point air defense and fire support coordination during day/night conditions. The armament of the AH-1Z includes the Sidewinder and Hellfire missile systems, a chin-mounted 20mm turret gun, and a wide variety of forward-firing and gravity-released external stores. The overall goal of the modifications budgeted in FY 2013 is to eliminate safety hazards, improve survivability, fulfill operational requirements, remedy obsolescence, and maintain significant mission capability and Joint interoperable data link circuit capable of transmitting, receiving, and display digital information and video which includes Full Motion video. Additionally, the H-1 will continue to upgrade the applicable aircraft sensor and avionics systems and subsystems as well as weapons rocket delivery system which includes the Advance Precision Kill Weapon System (APKWS). In addition, air vehicle improvements needing critical reliability enhancements will be incorporated. These platforms will continue to fulfill the operational requirements to detect, identify, and destroy tactical-sized armored targets with precision guided munitions during the day, at night, and during adverse weather, as well as providing enhanced conventional weapons delivery by utilizing the system's laser ranging and designating system.

Item Schedule		Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total			
Item Nomenclature*	Exhibits	ID CD	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
UH-1 NTIS (OSIP 031-92) - 1	P3A		-	-	228.532	-	-	2.782	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000
H-1N Safety Upgrades (OSIP 018-98) - 2	P3A		-	-	31.360	-	-	0.195	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000
H-1 CRITICAL SYSTEMS IMPROVEMENT PROGRAM (OSIP 021-07) - 3	P3A		-	-	14.522	-	-	2.400	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000

UNCLASSIFIED

Exhibit P-40, Budget Item Justification Sheet: PB 2013 Navy **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity:
1506N : Aircraft Procurement, Navy / BA 5 : Modification of Aircraft / BSA 1 :
Modification Of Aircraft

P-1 Line Item Nomenclature:
0532 - H-1 Series

ID Code (A=Service Ready, B=Not Service Ready) : A **Program Elements for Code B Items:** **Other Related Program Elements:**

Item Schedule		ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
H-1 AVIONICS IMPROVEMENTS (OSIP 015-12) - 4	P3A		-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000
H-1 SENSORS AND WEAPONS IMPROVEMENTS (OSIP 016-12) - 5	P3A		-	-	0.000	-	-	0.000	-	-	8.412	-	-	6.508	-	-	0.000	-	-	6.508
INACTIVE OSIPs - 6	P3A		-	-	7.100	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000
Total Gross/Weapon System Cost					281.514			5.377			8.412			6.508			-			6.508

		ID CD	FY 2014			FY 2015			FY 2016			FY 2017			To Complete			Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
UH-1 NTIS (OSIP 031-92) - 1	P3A		-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	231.314
H-1N Safety Upgrades (OSIP 018-98) - 2	P3A		-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	31.555
H-1 CRITICAL SYSTEMS IMPROVEMENT PROGRAM (OSIP 021-07) - 3	P3A		-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	16.922
H-1 AVIONICS IMPROVEMENTS (OSIP 015-12) - 4	P3A		-	-	9.319	-	-	11.521	-	-	10.284	-	-	9.862	-	-	92.027	-	-	133.013
H-1 SENSORS AND WEAPONS IMPROVEMENTS (OSIP 016-12) - 5	P3A		-	-	16.185	-	-	3.707	-	-	3.828	-	-	3.945	-	-	57.381	-	-	99.966
INACTIVE OSIPs - 6	P3A		-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	7.100
Total Gross/Weapon System Cost					25.504			15.228			14.112			13.807			149.408			519.870

*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.

Justification:

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0532 - H-1 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): UH-1 NTIS (OSIP 031-92) - 1

Models of Systems Affected: UH-1N/UH-1Y, ASSOCIATED TRAINERS AND LABS	Type Modification: SAFETY	Related RDT&E PEs:
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	228.532	2.782	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	231.314
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	228.532	2.782	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	231.314
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	228.532	2.782	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	231.314

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

Solution Planning Directive (serial number C14, dated 26 June 2007) and Capabilities Production Document (CPD) (approved 11 June 2007, JROCM 138-07) states that the UH-1 requires a Navigational Thermal Imaging System (NTIS) to provide the U.S. Marine Corps with a day/night warfighting capability in all weather conditions. This capability reduces the safety risk by allowing the aircrew to see and avoid flight obstructions and locate targets that might not be visible with the naked eye or night vision goggles. The AN/AAQ-22 is a low-cost, stabilized system which provides the required capability in the form of high quality, real time imagery displayed into the UH-1 aircraft cockpit. The NTIS System is comprised of 5 components: Turret FLIR Unit (TFU), Central Electronics Units (CEU), Hand Control Unit (HCU), Thermal Image Recorder (TIR), and the Video Display Unit (VDU). The NTIS is installed on the UH-1N aircraft by AFC-278. The system also includes a Laser Range Finder (LRF) to determine the range to landmarks, targets, and tactical points of interest. Beginning in FY 1997, the NTIS was upgraded from 1st generation to 3rd generation Forward-Looking Infrared (FLIR) technology. The commercial-off-the-shelf (COTS) Star SAFIRE modification consisted of a 3-5 micron focal plane array detector, an eye-safe LRF, and improved optics. Additionally, the NTIS is upgraded with a new Thermal Imaging Recorder (TIR) with mount and a flat panel display replacement for the VDU due to a fire hazard. In FY 2003, the additional modifications to the NTIS were incorporated in order to add a Laser Designator/Laser Pointer capability (BRITE Star I/II), closed captioned device (CCD) (camera), and a new Universal Hand Control Unit (UHCU). The BRITE Star Block II incorporated a new laser pointer, color CCD camera, laser pump diode laser designator (LDR)/LRF, auto focus, and optics (large focal plane array). The LDS capability was a threshold requirement. Additional reliability and maintenance upgrades including replacement of the existing TIR with a Digital Thermal Imaging Recorder to the NTIS components and VDU (UH-1N only) will also be incorporated. BRITE Star Block II integration into the UH-1Y started in FY 2008.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: BRITE Star II development and test completed in FY 2008. The BRITE Star Block II received a Full Rate Production (FRP) decision August 2008. The UH-1Y FOT&E completed 4th QTR FY 2009.

Notes:

- AFC-396-UH-1Y will be configured to fly with any of the three existing sensor: STAR Safire, BRITE Star Block I or BRITE Star Block II.

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Exhibit P-3A, Individual Modification: PB 2013 Navy										Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1					P-1 Line Item Nomenclature: 0532 - H-1 Series					Modification Nomenclature (<i>Modification Title, Modification Number</i>): UH-1 NTIS (OSIP 031-92) - 1			
Models of Systems Affected: UH-1N/UH-1Y, ASSOCIATED TRAINERS AND LABS					Type Modification: SAFETY					Related RDT&E PEs:			
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
UH-1 NTIS (OSIP 031-92)													
A Kits													
Recurring													
1.1.1) AFC-278 A KIT (CONTRACTOR) - Organic	105	2.648	-	-	-	-	-	-	-	-	-	-	
1.1.2) AFC-334 TIR - Organic	105	0.084	-	-	-	-	-	-	-	-	-	-	
1.1.3) AFC-364 (BRITE Star) - Organic	99	0.350	-	-	-	-	-	-	-	-	-	-	
1.1.4) AFC-396 (UH-1Y) - NonOrganic	50	0.952	16	0.300	-	-	-	-	-	-	-	-	
1.1.5) Prior Year Inactive Installations - Organic	191	3.502	-	-	-	-	-	-	-	-	-	-	
<i>Subtotal Recurring</i>		7.536		0.300		0.000		0.000		0.000		0.000	
NonRecurring													
1.2.1) Installation Kits N/R - Organic	-	5.891	-	0.300	-	-	-	-	-	-	-	-	
<i>Subtotal NonRecurring</i>		5.891		0.300		0.000		0.000		0.000		0.000	
B Kits													
Recurring													
2.1.1) BRITE Star I - Organic	38	24.104	-	-	-	-	-	-	-	-	-	-	
2.1.2) BRITE Star II (UH-1Y) - Organic	111	103.846	-	-	-	-	-	-	-	-	-	-	
2.1.4) Flat Panel Display - Organic	91	0.894	-	-	-	-	-	-	-	-	-	-	
2.1.5) NTIS System (GFE) - Organic	84	29.685	-	-	-	-	-	-	-	-	-	-	
2.1.6) NTIS Upgrade - Organic	90	29.315	-	-	-	-	-	-	-	-	-	-	
2.1.7) TIR (GFE) - Organic	107	0.963	-	-	-	-	-	-	-	-	-	-	
<i>Subtotal Recurring</i>		188.807		0.000		0.000		0.000		0.000		0.000	
NonRecurring													
2.2.1) Installation Equipment N/R - Organic	-	1.150	-	-	-	-	-	-	-	-	-	-	
<i>Subtotal NonRecurring</i>		1.150		0.000		0.000		0.000		0.000		0.000	
<i>Total, UH-1 NTIS (OSIP 031-92)</i>	1,071	203.384	16	0.600	-	-	-	-	-	-	-	-	
<i>Total, All Modifications</i>		203.384		0.600		0.000		0.000		0.000		0.000	
Support													

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0532 - H-1 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): UH-1 NTIS (OSIP 031-92) - 1

Models of Systems Affected: UH-1N/UH-1Y, ASSOCIATED TRAINERS AND LABS	Type Modification: SAFETY	Related RDT&E PEs:
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
3.1) Engineering Change Orders	-	0.000	-	-	-	-	-	-	-	-	-	-
3.2) Data	-	0.616	-	-	-	-	-	-	-	-	-	-
3.3) Training Equipment	10	3.938	-	-	-	-	-	-	-	-	-	-
3.4) Support Equipment	3	1.071	-	-	-	-	-	-	-	-	-	-
3.5) ILS	-	1.324	-	0.300	-	-	-	-	-	-	-	-
3.6) Other Support	-	17.363	-	1.582	-	-	-	-	-	-	-	-
3.7) Interim Contractor Support	-	0.000	-	-	-	-	-	-	-	-	-	-
Total Support Cost		24.312		1.882		0.000		0.000		0.000		0.000
Procurement Cost (Procurement + Support)		227.696		2.482		0.000		0.000		0.000		0.000
Total Installation Cost		0.836		0.300		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		228.532		2.782		0.000		0.000		0.000		0.000

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
UH-1 NTIS (OSIP 031-92)												
A Kits												
Recurring												
1.1.1) AFC-278 A KIT (CONTRACTOR) - Organic	-	-	-	-	-	-	-	-	-	-	105	2.648
1.1.2) AFC-334 TIR - Organic	-	-	-	-	-	-	-	-	-	-	105	0.084
1.1.3) AFC-364 (BRITE Star) - Organic	-	-	-	-	-	-	-	-	-	-	99	0.350
1.1.4) AFC-396 (UH-1Y) - NonOrganic	-	-	-	-	-	-	-	-	-	-	66	1.252
1.1.5) Prior Year Inactive Installations - Organic	-	-	-	-	-	-	-	-	-	-	191	3.502
Subtotal Recurring		0.000		0.000		0.000		0.000		0.000		7.836
NonRecurring												
1.2.1) Installation Kits N/R - Organic	-	-	-	-	-	-	-	-	-	-	-	6.191
Subtotal NonRecurring		0.000		0.000		0.000		0.000		0.000		6.191
B Kits												

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0532 - H-1 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): UH-1 NTIS (OSIP 031-92) - 1
Models of Systems Affected: UH-1N/UH-1Y, ASSOCIATED TRAINERS AND LABS	Type Modification: SAFETY	Related RDT&E PEs:

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Recurring												
2.1.1) BRITE Star I - Organic	-	-	-	-	-	-	-	-	-	-	38	24.104
2.1.2) BRITE Star II (UH-1Y) - Organic	-	-	-	-	-	-	-	-	-	-	111	103.846
2.1.4) Flat Panel Display - Organic	-	-	-	-	-	-	-	-	-	-	91	0.894
2.1.5) NTIS System (GFE) - Organic	-	-	-	-	-	-	-	-	-	-	84	29.685
2.1.6) NTIS Upgrade - Organic	-	-	-	-	-	-	-	-	-	-	90	29.315
2.1.7) TIR (GFE) - Organic	-	-	-	-	-	-	-	-	-	-	107	0.963
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		188.807
NonRecurring												
2.2.1) Installation Equipment N/R - Organic	-	-	-	-	-	-	-	-	-	-	-	1.150
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		1.150
<i>Total, UH-1 NTIS (OSIP 031-92)</i>	-	-	-	-	-	-	-	-	-	-	1,087	203.984
<i>Total, All Modifications</i>		0.000		0.000		0.000		0.000		0.000		203.984
Support												
3.1) Engineering Change Orders	-	-	-	-	-	-	-	-	-	-	-	-
3.2) Data	-	-	-	-	-	-	-	-	-	-	-	0.616
3.3) Training Equipment	-	-	-	-	-	-	-	-	-	-	10	3.938
3.4) Support Equipment	-	-	-	-	-	-	-	-	-	-	3	1.071
3.5) ILS	-	-	-	-	-	-	-	-	-	-	-	1.624
3.6) Other Support	-	-	-	-	-	-	-	-	-	-	-	18.945
3.7) Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		0.000		0.000		0.000		0.000		0.000		26.194
<i>Procurement Cost (Procurement + Support)</i>		0.000		0.000		0.000		0.000		0.000		230.178
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		1.136
Total Cost (Procurement + Support + Installation)		0.000		0.000		0.000		0.000		0.000		231.314

Remarks:

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0532 - H-1 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): UH-1 NTIS (OSIP 031-92) - 1

Models of Systems Affected: UH-1N/UH-1Y, ASSOCIATED TRAINERS AND LABS	Type Modification: SAFETY	Related RDT&E PEs:
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Manufacturer Information: UH-1 NTIS (OSIP 031-92)	
Manufacturer Name: Wyle Laboratories, Inc.	Manufacturer Location: Alabama
Administrative Leadtime (<i>in Months</i>): 0	Production Leadtime (<i>in Months</i>): 0

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates	Oct 2010						
Delivery Dates	Oct 2010						

Installation: UH-1 NTIS (OSIP 031-92)	Method of Implementation: Contractor Field Mod Team	Installation Name: AFC-396 (UH-1Y)
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	34	0.836	16	0.000	-	-	-	-	-	-	-	-
FY 2011	-	-	16	0.300	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	34	0.836	32	0.300	-	-	-	-	-	-	-	-

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	50	0.836
FY 2011	-	-	-	-	-	-	-	-	-	-	16	0.300
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0532 - H-1 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): UH-1 NTIS (OSIP 031-92) - 1
Models of Systems Affected: UH-1N/UH-1Y, ASSOCIATED TRAINERS AND LABS	Type Modification: SAFETY	Related RDT&E PEs:

Installation: UH-1 NTIS (OSIP 031-92)	Method of Implementation: Contractor Field Mod Team	Installation Name: AFC-396 (UH-1Y)
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Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	66	1.136

Installation Schedule																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	34	8	8	8	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	66
Out	34	8	8	8	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	66

Installation: UH-1 NTIS (OSIP 031-92)	Method of Implementation: Not Installed - AFC-278 A KIT (CONTRACTOR)	Installation Quantity: 105
Installation: UH-1 NTIS (OSIP 031-92)	Method of Implementation: Not Installed - AFC-334 TIR	Installation Quantity: 105
Installation: UH-1 NTIS (OSIP 031-92)	Method of Implementation: Not Installed - AFC-364 (BRITE Star)	Installation Quantity: 99
Installation: UH-1 NTIS (OSIP 031-92)	Method of Implementation: Not Installed - Prior Year Inactive Installations	Installation Quantity: 191
Installation: UH-1 NTIS (OSIP 031-92)	Method of Implementation: Not Installed - BRITE Star I	Installation Quantity: 38
Installation: UH-1 NTIS (OSIP 031-92)	Method of Implementation: Not Installed - BRITE Star II (UH-1Y)	Installation Quantity: 111
Installation: UH-1 NTIS (OSIP 031-92)	Method of Implementation: Not Installed - Flat Panel Display	Installation Quantity: 91
Installation: UH-1 NTIS (OSIP 031-92)	Method of Implementation: Not Installed - NTIS System (GFE)	Installation Quantity: 84

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0532 - H-1 Series	Modification Nomenclature <i>(Modification Title, Modification Number):</i> H-1N Safety Upgrades (OSIP 018-98) - 2

Models of Systems Affected: HH-1N/UH-1N	Type Modification: SAFETY	Related RDT&E PEs:
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	31.360	0.195	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	31.555
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	31.360	0.195	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	31.555
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	31.360	0.195	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	31.555

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

Solution Planning Directive (serial number C14, dated 26 June 2007) and Capabilities Production Document (CPD) (approved 11 June 2007, JROCM 138-07) requires that the following safety shortfalls be corrected. The HH/UH-1N helicopter fleet was designed in the 1960s, introduced in the 1970s, and is projected to remain in the Department of the Navy inventory until FY 2014. This program is designed to address safety issues such as mishap causal factors associated with maintaining an older type model series aircraft. This safety upgrade program replaced the Tail Drive System (TDS). A COTS/NDI Improved Torque Indicator System was added to provide a digital torque display to the aircrew to improve low power margin situational awareness. Additionally, the overspeed Aural Alert Unit (AAU) will be modified. A modification to the CH-8500 Vibration Analysis Support Equipment (VASE) will also be needed. A COTS replacement Rotor Brake Quill (RBQ) assembly and Low Maintenance Battery (LMB) have been incorporated into all HH/UH-1N aircraft. Included in this OSIP are the requirements to correct the safety deficiencies of the Defensive Armament System (DAS), machine guns, carriages, mounts, Improved Ammunition Storage System (IASS), ammunition cans, and associated equipment. Improvements and enhancements to airframe Night Vision Goggle (NVG) compatibility and communications equipment for external agency interaction during the Overseas Contingency Operations (OCO) will be made. Aircraft (A/C) fatigue life issues include movement of critical controls, Heads Up Display (HUDs), CDNU, and GPS Upgrades (CCU) (radio select, etc.). Mid-air collision avoidance systems and crew weapons mounts will also be accomplished. Tactical Video Data Link (TVDL) mission kits will also be explored in the UH-1N and the UH-1Y.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: The upgrades are proprietary, non-developmental items used in other Bell Helicopter Textron Incorporated (BHTI) produced military and FAA certified commercial helicopters.

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Exhibit P-3A, Individual Modification: PB 2013 Navy										Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1					P-1 Line Item Nomenclature: 0532 - H-1 Series					Modification Nomenclature (<i>Modification Title, Modification Number</i>): H-1N Safety Upgrades (OSIP 018-98) - 2			
Models of Systems Affected: HH-1N/UH-1N				Type Modification: SAFETY						Related RDT&E PEs:			
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
H-1N Safety Upgrades (OSIP 018-98)													
A Kits													
Recurring													
1.1.1) A-1 Kits (TDS) - Organic	131	6.286	-	-	-	-	-	-	-	-	-	-	
1.1.2) Aural Alert Units (AAU) Kits - Organic	103	0.001	-	-	-	-	-	-	-	-	-	-	
1.1.3) GAU-17 Gun Control Unit - Organic	227	1.509	-	-	-	-	-	-	-	-	-	-	
1.1.4) IDAS Mounts - Organic	110	0.743	-	-	-	-	-	-	-	-	-	-	
1.1.5) M-16 Rifle Mounting Provision - Organic	2	0.158	-	-	-	-	-	-	-	-	-	-	
1.1.6) M240 Refueling (mount & ejection tube) - Organic	210	0.100	-	-	-	-	-	-	-	-	-	-	
1.1.7) Rotor Brake Quill - Organic	136	1.581	-	-	-	-	-	-	-	-	-	-	
1.1.8) Smart Torque Indicator - Organic	268	3.315	-	-	-	-	-	-	-	-	-	-	
1.1.9) Tailboom Strakes - Organic	119	4.000	-	-	-	-	-	-	-	-	-	-	
1.1.10) Prior Year Inactive Installations - Organic	230	0.813	-	-	-	-	-	-	-	-	-	-	
<i>Subtotal Recurring</i>		18.506		0.000		0.000		0.000		0.000		0.000	
NonRecurring													
1.2.1) Installation Kits N/R - Organic	-	1.052	-	-	-	-	-	-	-	-	-	-	
<i>Subtotal NonRecurring</i>		1.052		0.000		0.000		0.000		0.000		0.000	
B Kits													
Recurring													
2.1.1) Installation Equipment - Organic	103	0.559	-	-	-	-	-	-	-	-	-	-	
<i>Subtotal Recurring</i>		0.559		0.000		0.000		0.000		0.000		0.000	
NonRecurring													
2.2.1) Installation Equipment N/R - Organic	-	0.220	-	-	-	-	-	-	-	-	-	-	
<i>Subtotal NonRecurring</i>		0.220		0.000		0.000		0.000		0.000		0.000	
<i>Total, H-1N Safety Upgrades (OSIP 018-98)</i>	1,639	20.337	-	-	-	-	-	-	-	-	-	-	
<i>Total, All Modifications</i>		20.337		0.000		0.000		0.000		0.000		0.000	
Support													
3.1) Engineering Change Orders	-	0.030	-	-	-	-	-	-	-	-	-	-	

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0532 - H-1 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): H-1N Safety Upgrades (OSIP 018-98) - 2

Models of Systems Affected: HH-1N/UH-1N	Type Modification: SAFETY	Related RDT&E PEs:
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
3.2) Data	-	0.742	-	-	-	-	-	-	-	-	-	-
3.3) Training Equipment	4	1.253	-	-	-	-	-	-	-	-	-	-
3.4) Support Equipment	101	0.975	-	-	-	-	-	-	-	-	-	-
3.5) ILS	-	0.955	-	-	-	-	-	-	-	-	-	-
3.6) Other Support	-	7.068	-	0.195	-	-	-	-	-	-	-	-
3.7) Interim Contractor Support	-	0.000	-	-	-	-	-	-	-	-	-	-
Total Support Cost		11.023		0.195		0.000		0.000		0.000		0.000
Procurement Cost (Procurement + Support)		31.360		0.195		0.000		0.000		0.000		0.000
Total Installation Cost		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		31.360		0.195		0.000		0.000		0.000		0.000

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
H-1N Safety Upgrades (OSIP 018-98)												
A Kits												
Recurring												
1.1.1) A-1 Kits (TDS) - Organic	-	-	-	-	-	-	-	-	-	-	131	6.286
1.1.2) Aural Alert Units (AAU) Kits - Organic	-	-	-	-	-	-	-	-	-	-	103	0.001
1.1.3) GAU-17 Gun Control Unit - Organic	-	-	-	-	-	-	-	-	-	-	227	1.509
1.1.4) IDAS Mounts - Organic	-	-	-	-	-	-	-	-	-	-	110	0.743
1.1.5) M-16 Rifle Mounting Provision - Organic	-	-	-	-	-	-	-	-	-	-	2	0.158
1.1.6) M240 Refueling (mount & ejection tube) - Organic	-	-	-	-	-	-	-	-	-	-	210	0.100
1.1.7) Rotor Brake Quill - Organic	-	-	-	-	-	-	-	-	-	-	136	1.581
1.1.8) Smart Torque Indicator - Organic	-	-	-	-	-	-	-	-	-	-	268	3.315
1.1.9) Tailboom Strakes - Organic	-	-	-	-	-	-	-	-	-	-	119	4.000
1.1.10) Prior Year Inactive Installations - Organic	-	-	-	-	-	-	-	-	-	-	230	0.813
Subtotal Recurring		0.000		0.000		0.000		0.000		0.000		18.506
NonRecurring												

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Exhibit P-3A, Individual Modification: PB 2013 Navy									Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0532 - H-1 Series					Modification Nomenclature (<i>Modification Title, Modification Number</i>): H-1N Safety Upgrades (OSIP 018-98) - 2					
Models of Systems Affected: HH-1N/UH-1N			Type Modification: SAFETY					Related RDT&E PEs:						
Financial Plan		FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total		
		<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	
1.2.1) Installation Kits N/R - Organic		-	-	-	-	-	-	-	-	-	-	-	1.052	
<i>Subtotal NonRecurring</i>			0.000		0.000		0.000		0.000		0.000		1.052	
B Kits														
Recurring														
2.1.1) Installation Equipment - Organic		-	-	-	-	-	-	-	-	-	-	-	103	0.559
<i>Subtotal Recurring</i>			0.000		0.000		0.000		0.000		0.000		0.559	
NonRecurring														
2.2.1) Installation Equipment N/R - Organic		-	-	-	-	-	-	-	-	-	-	-	-	0.220
<i>Subtotal NonRecurring</i>			0.000		0.000		0.000		0.000		0.000		0.220	
<i>Total, H-1N Safety Upgrades (OSIP 018-98)</i>		-	-	-	-	-	-	-	-	-	-	-	1,639	20.337
<i>Total, All Modifications</i>			0.000		0.000		0.000		0.000		0.000		20.337	
Support														
3.1) Engineering Change Orders		-	-	-	-	-	-	-	-	-	-	-	-	0.030
3.2) Data		-	-	-	-	-	-	-	-	-	-	-	-	0.742
3.3) Training Equipment		-	-	-	-	-	-	-	-	-	-	-	4	1.253
3.4) Support Equipment		-	-	-	-	-	-	-	-	-	-	-	101	0.975
3.5) ILS		-	-	-	-	-	-	-	-	-	-	-	-	0.955
3.6) Other Support		-	-	-	-	-	-	-	-	-	-	-	-	7.263
3.7) Interim Contractor Support		-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>			0.000		0.000		0.000		0.000		0.000		11.218	
<i>Procurement Cost (Procurement + Support)</i>			0.000		0.000		0.000		0.000		0.000		31.555	
<i>Total Installation Cost</i>			0.000		0.000		0.000		0.000		0.000		0.000	
Total Cost (Procurement + Support + Installation)			0.000		0.000		0.000		0.000		0.000		31.555	
Remarks:														
Manufacturer Information: H-1N Safety Upgrades (OSIP 018-98)														
Manufacturer Name: Manufacturer Name Not Provided.							Manufacturer Location: Manufacturer Location Not Provided.							
Administrative Leadtime (<i>in Months</i>):							Production Leadtime (<i>in Months</i>):							

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Exhibit P-3A, Individual Modification: PB 2013 Navy						Date: February 2012	
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1			P-1 Line Item Nomenclature: 0532 - H-1 Series			Modification Nomenclature (<i>Modification Title, Modification Number</i>): H-1N Safety Upgrades (OSIP 018-98) - 2	
Models of Systems Affected: HH-1N/UH-1N		Type Modification: SAFETY			Related RDT&E PEs:		
Manufacturer Information: H-1N Safety Upgrades (OSIP 018-98)							
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates							
Delivery Dates							
Installation: H-1N Safety Upgrades (OSIP 018-98)							
Method of Implementation: Not Installed - A-1 Kits (TDS)			Installation Quantity: 131				
Installation: H-1N Safety Upgrades (OSIP 018-98)							
Method of Implementation: Not Installed - Aural Alert Units (AAU) Kits			Installation Quantity: 103				
Installation: H-1N Safety Upgrades (OSIP 018-98)							
Method of Implementation: Not Installed - GAU-17 Gun Control Unit			Installation Quantity: 227				
Installation: H-1N Safety Upgrades (OSIP 018-98)							
Method of Implementation: Not Installed - IDAS Mounts			Installation Quantity: 110				
Installation: H-1N Safety Upgrades (OSIP 018-98)							
Method of Implementation: Not Installed - M-16 Rifle Mounting Provision			Installation Quantity: 2				
Installation: H-1N Safety Upgrades (OSIP 018-98)							
Method of Implementation: Not Installed - M240 Refueling (mount & ejection tube)			Installation Quantity: 210				
Installation: H-1N Safety Upgrades (OSIP 018-98)							
Method of Implementation: Not Installed - Rotor Brake Quill			Installation Quantity: 136				
Installation: H-1N Safety Upgrades (OSIP 018-98)							
Method of Implementation: Not Installed - Smart Torque Indicator			Installation Quantity: 268				
Installation: H-1N Safety Upgrades (OSIP 018-98)							
Method of Implementation: Not Installed - Tailboom Strakes			Installation Quantity: 119				
Installation: H-1N Safety Upgrades (OSIP 018-98)							
Method of Implementation: Not Installed - Prior Year Inactive Installations			Installation Quantity: 230				
Installation: H-1N Safety Upgrades (OSIP 018-98)							
Method of Implementation: Not Installed - Installation Equipment			Installation Quantity: 103				
Installation: H-1N Safety Upgrades (OSIP 018-98)							
Method of Implementation: Not Installed - Training Equipment			Installation Quantity: 4				
Installation: H-1N Safety Upgrades (OSIP 018-98)							
Method of Implementation: Not Installed - Support Equipment			Installation Quantity: 101				

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0532 - H-1 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): H-1 CRITICAL SYSTEMS IMPROVEMENT PROGRAM (OSIP 021-07) - 3

Models of Systems Affected: UH-1Y/AH-1Z	Type Modification: READINESS IMPROVEMENT/ SAFETY OF FLIGHT COMBAT EFFECTIVENESS	Related RDT&E PEs:
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	14.522	2.400	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	16.922
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	14.522	2.400	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	16.922
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	14.522	2.400	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	16.922

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The purpose of this program is to incorporate a number of cost effective changes to the UH-1Y and AH-1Z helicopters, specifically targeting improvements to safety of flight, maintenance, obsolescence (Diminishing Manufacturing Sources/Material Shortages), and readiness degrader items. These improvements are a vital element of the H-1 Upgrades program, significantly enhancing the strategy of a more ready, more capable H-1 force to accomplish the successful fielding and maintaining of this new capability to the Warfighter in support of Overseas Contingency Operations (OCO). The increased readiness and capabilities that will be realized support the tenets of Sea Power 21, specifically operational availability, enhanced capabilities, and interoperability. Planned improvements under this OSIP cover airframe, propulsion, helmet, weapons systems, survivability, reliability & maintainability, weight & balance, and avionics related subsystems. The OSIP intends to utilize upgrades to existing technology to the maximum extent practicable to minimize development and procurement costs, and to reduce the time to field the improved systems. The systems identified for improvement in the OSIP are the digital map, Crash Survivable Flight Incident Recorder, ARC-210 radio, Blue Force Tracker (BFT), Software System Configuration Set (SCS) 07, command and control consoles, correction of deficiencies, SATCOM antenna placement, rocket envelope expansion, and Aircraft Wireless Internal Communication System (AWICS). Additionally, systems being evaluated for replacement include support equipment (blade fold rack), avionics subsystems, sensors, data link, armor, communication systems, missile warning and radar detection systems, digital video recorder, mission computer upgrades, and increased aircraft electrical power availability system. Other survivability efforts covered by this OSIP include IR signature reduction (IR suppressors, Turned Exhaust), upgrades to existing EW suites equipment which includes AN/AAR-47, ALE-47, ALQ-144 and implementation of improved armor technologies including, but not limited to, transparent armor, armored panels, and crew weapons mounts which enhances aircraft/aircrew survivability. Additional improvements planned under this OSIP includes future improvements in turned exhaust system, Directed Infrared Counter Measures (DIRCM), and Joint and Allied Threat Awareness System (JATAS). The addition of these systems requires a more robust electrical distribution system and upgrades to platform software.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: This modification makes maximum use of existing technologies that have been installed on the AH-1W and HH/UH-1N platforms, and other fielded USN or USMC platforms.

Note:

1. A Kits Installs are being procured in FY11, but installed in FY12/FY13 OSIP 015-12.

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0532 - H-1 Series	Modification Nomenclature <i>(Modification Title, Modification Number):</i> H-1 CRITICAL SYSTEMS IMPROVEMENT PROGRAM (OSIP 021-07) - 3
Models of Systems Affected: UH-1Y/AH-1Z	Type Modification: READINESS IMPROVEMENT/ SAFETY OF FLIGHT COMBAT EFFECTIVENESS	Related RDT&E PEs:

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Exhibit P-3A, Individual Modification: PB 2013 Navy								Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0532 - H-1 Series				Modification Nomenclature (<i>Modification Title, Modification Number</i>): H-1 CRITICAL SYSTEMS IMPROVEMENT PROGRAM (OSIP 021-07) - 3					
Models of Systems Affected: UH-1Y/AH-1Z			Type Modification: READINESS IMPROVEMENT/ SAFETY OF FLIGHT COMBAT EFFECTIVENESS					Related RDT&E PEs:					
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
H-1 CRITICAL SYSTEMS IMPROVEMENT PROGRAM (OSIP 021-07)													
A Kits													
Recurring													
1.1.1) Antenna Relocation Wiring/Hardware - NonOrganic	12	0.050	-	-	-	-	-	-	-	-	-	-	
1.1.2) Antenna Relocation Wiring/Hardware OCO - NonOrganic	30	2.278	-	-	-	-	-	-	-	-	-	-	
1.1.4) Aircraft Wireless Internal Communication System (AWICS) - Organic	-	-	24	0.175	-	-	-	-	-	-	-	-	
1.1.5) Aircraft Wireless Internal Communication System (AWICS) (A Installs FY12/13) - Organic	-	-	24	0.190	-	-	-	-	-	-	-	-	
<i>Subtotal Recurring</i>		2.328		0.365		0.000		0.000		0.000		0.000	
B Kits													
Recurring													
2.1.1) SATCOM Antenna AV2091 - Organic	12	0.084	-	-	-	-	-	-	-	-	-	-	
2.1.2) SATCOM Antenna AV2091 OCO - Organic	30	5.316	-	-	-	-	-	-	-	-	-	-	
2.1.3) Redesign Slipping and Standpipe - Organic	12	0.406	-	-	-	-	-	-	-	-	-	-	
2.1.4) Command and Control Consoles - Organic	10	0.158	-	-	-	-	-	-	-	-	-	-	
2.1.5) Command and Control Consoles OCO - Organic	39	0.780	-	-	-	-	-	-	-	-	-	-	
2.1.6) Correction of OT Deficiencies - Organic	30	1.261	-	-	-	-	-	-	-	-	-	-	
2.1.7) Aircraft Wireless Internal Communication System (AWICS) - Organic	-	-	24	1.960	-	-	-	-	-	-	-	-	
<i>Subtotal Recurring</i>		8.005		1.960		0.000		0.000		0.000		0.000	
<i>Total, H-1 CRITICAL SYSTEMS IMPROVEMENT PROGRAM (OSIP 021-07)</i>	175	10.333	72	2.325	-	-	-	-	-	-	-	-	
<i>Total, All Modifications</i>		10.333		2.325		0.000		0.000		0.000		0.000	
Support													
3.1) Engineering Change Orders	-	0.118	-	-	-	-	-	-	-	-	-	-	

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0532 - H-1 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): H-1 CRITICAL SYSTEMS IMPROVEMENT PROGRAM (OSIP 021-07) - 3

Models of Systems Affected: UH-1Y/AH-1Z	Type Modification: READINESS IMPROVEMENT/ SAFETY OF FLIGHT COMBAT EFFECTIVENESS	Related RDT&E PEs:
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
3.2) Data	-	-	-	0.075	-	-	-	-	-	-	-	-
3.3) Data OCO	-	0.100	-	-	-	-	-	-	-	-	-	-
3.4) Support Equipment	10	0.214	-	-	-	-	-	-	-	-	-	-
3.5) Training Equipment	2	0.598	-	-	-	-	-	-	-	-	-	-
3.6) ILS OCO	-	0.500	-	-	-	-	-	-	-	-	-	-
3.7) Other Support	-	0.192	-	-	-	-	-	-	-	-	-	-
3.8) Other Support OCO	-	0.603	-	-	-	-	-	-	-	-	-	-
3.9) Interim Contractor Support	-	0.000	-	-	-	-	-	-	-	-	-	-
Total Support Cost		2.325		0.075		0.000		0.000		0.000		0.000
Procurement Cost (Procurement + Support)		12.658		2.400		0.000		0.000		0.000		0.000
Total Installation Cost		1.864		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		14.522		2.400		0.000		0.000		0.000		0.000

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
H-1 CRITICAL SYSTEMS IMPROVEMENT PROGRAM (OSIP 021-07)												
A Kits												
Recurring												
1.1.1) Antenna Relocation Wiring/Hardware - NonOrganic	-	-	-	-	-	-	-	-	-	-	12	0.050
1.1.2) Antenna Relocation Wiring/Hardware OCO - NonOrganic	-	-	-	-	-	-	-	-	-	-	30	2.278
1.1.4) Aircraft Wireless Internal Communication System (AWICS) - Organic	-	-	-	-	-	-	-	-	-	-	24	0.175
1.1.5) Aircraft Wireless Internal Communication System (AWICS) (A Installs FY12/13) - Organic	-	-	-	-	-	-	-	-	-	-	24	0.190
Subtotal Recurring		0.000		0.000		0.000		0.000		0.000		2.693

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0532 - H-1 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): H-1 CRITICAL SYSTEMS IMPROVEMENT PROGRAM (OSIP 021-07) - 3

Models of Systems Affected: UH-1Y/AH-1Z	Type Modification: READINESS IMPROVEMENT/ SAFETY OF FLIGHT COMBAT EFFECTIVENESS	Related RDT&E PEs:
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
B Kits												
Recurring												
2.1.1) SATCOM Antenna AV2091 - Organic	-	-	-	-	-	-	-	-	-	-	12	0.084
2.1.2) SATCOM Antenna AV2091 OCO - Organic	-	-	-	-	-	-	-	-	-	-	30	5.316
2.1.3) Redesign Slipping and Standpipe - Organic	-	-	-	-	-	-	-	-	-	-	12	0.406
2.1.4) Command and Control Consoles - Organic	-	-	-	-	-	-	-	-	-	-	10	0.158
2.1.5) Command and Control Consoles OCO - Organic	-	-	-	-	-	-	-	-	-	-	39	0.780
2.1.6) Correction of OT Deficiencies - Organic	-	-	-	-	-	-	-	-	-	-	30	1.261
2.1.7) Aircraft Wireless Internal Communication System (AWICS) - Organic	-	-	-	-	-	-	-	-	-	-	24	1.960
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		9.965
<i>Total, H-1 CRITICAL SYSTEMS IMPROVEMENT PROGRAM (OSIP 021-07)</i>	-	-	-	-	-	-	-	-	-	-	247	12.658
<i>Total, All Modifications</i>		0.000		0.000		0.000		0.000		0.000		12.658
Support												
3.1) Engineering Change Orders	-	-	-	-	-	-	-	-	-	-	-	0.118
3.2) Data	-	-	-	-	-	-	-	-	-	-	-	0.075
3.3) Data OCO	-	-	-	-	-	-	-	-	-	-	-	0.100
3.4) Support Equipment	-	-	-	-	-	-	-	-	-	-	10	0.214
3.5) Training Equipment	-	-	-	-	-	-	-	-	-	-	2	0.598
3.6) ILS OCO	-	-	-	-	-	-	-	-	-	-	-	0.500
3.7) Other Support	-	-	-	-	-	-	-	-	-	-	-	0.192
3.8) Other Support OCO	-	-	-	-	-	-	-	-	-	-	-	0.603
3.9) Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		0.000		0.000		0.000		0.000		0.000		2.400
<i>Procurement Cost (Procurement + Support)</i>		0.000		0.000		0.000		0.000		0.000		15.058

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0532 - H-1 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): H-1 CRITICAL SYSTEMS IMPROVEMENT PROGRAM (OSIP 021-07) - 3

Models of Systems Affected: UH-1Y/AH-1Z	Type Modification: READINESS IMPROVEMENT/ SAFETY OF FLIGHT COMBAT EFFECTIVENESS	Related RDT&E PEs:
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Total Installation Cost		0.000		0.000		0.000		0.000		0.000		1.864
Total Cost (Procurement + Support + Installation)		0.000		0.000		0.000		0.000		0.000		16.922

Remarks:

Manufacturer Information: H-1 CRITICAL SYSTEMS IMPROVEMENT PROGRAM (OSIP 021-07)

Manufacturer Name: TBD - AWICS Manufacturer Location: TBD

Administrative Leadtime (*in Months*): 4 Production Leadtime (*in Months*): 6

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates							
Delivery Dates							

Manufacturer Name: Bell Helicopter Textron - Antenna Relocation Wiring/Hardware & Training Equipment Manufacturer Location: Bedford, TX

Administrative Leadtime (*in Months*): 0 Production Leadtime (*in Months*): 0

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates							
Delivery Dates							

Installation: H-1 CRITICAL SYSTEMS IMPROVEMENT PROGRAM (OSIP 021-07) **Method of Implementation:** Contractor Field Mod Team **Installation Name:** Antenna Relocation Wiring/Hardware and Training Equipment

Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	14	1.864	30	0.000	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0532 - H-1 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): H-1 CRITICAL SYSTEMS IMPROVEMENT PROGRAM (OSIP 021-07) - 3
Models of Systems Affected: UH-1Y/AH-1Z	Type Modification: READINESS IMPROVEMENT/ SAFETY OF FLIGHT COMBAT EFFECTIVENESS	Related RDT&E PEs:

Installation: H-1 CRITICAL SYSTEMS IMPROVEMENT PROGRAM (OSIP 021-07)	Method of Implementation: Contractor Field Mod Team	Installation Name: Antenna Relocation Wiring/Hardware and Training Equipment
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	14	1.864	30	0.000	-	-	-	-	-	-	-	-

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>
All Prior Years	-	-	-	-	-	-	-	-	-	-	44	1.864
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	44	1.864

Installation Schedule																																
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot	
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4							
In	14	7	7	8	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	44
Out	14	7	7	8	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	44

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0532 - H-1 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): H-1 CRITICAL SYSTEMS IMPROVEMENT PROGRAM (OSIP 021-07) - 3
Models of Systems Affected: UH-1Y/AH-1Z	Type Modification: READINESS IMPROVEMENT/ SAFETY OF FLIGHT COMBAT EFFECTIVENESS	Related RDT&E PEs:
Installation: H-1 CRITICAL SYSTEMS IMPROVEMENT PROGRAM (OSIP 021-07)	Method of Implementation: Not Installed - Aircraft Wireless Internal Communication System (AWICS)	Installation Quantity: 24
Installation: H-1 CRITICAL SYSTEMS IMPROVEMENT PROGRAM (OSIP 021-07)	Method of Implementation: Not Installed - Aircraft Wireless Internal Communication System (AWICS) (A Installs FY12/	Installation Quantity: 24
Installation: H-1 CRITICAL SYSTEMS IMPROVEMENT PROGRAM (OSIP 021-07)	Method of Implementation: Not Installed - SATCOM Antenna AV2091	Installation Quantity: 12
Installation: H-1 CRITICAL SYSTEMS IMPROVEMENT PROGRAM (OSIP 021-07)	Method of Implementation: Not Installed - SATCOM Antenna AV2091 OCO	Installation Quantity: 30
Installation: H-1 CRITICAL SYSTEMS IMPROVEMENT PROGRAM (OSIP 021-07)	Method of Implementation: Not Installed - Redesign Slipping and Standpipe	Installation Quantity: 12
Installation: H-1 CRITICAL SYSTEMS IMPROVEMENT PROGRAM (OSIP 021-07)	Method of Implementation: Not Installed - Command and Control Consoles	Installation Quantity: 10
Installation: H-1 CRITICAL SYSTEMS IMPROVEMENT PROGRAM (OSIP 021-07)	Method of Implementation: Not Installed - Command and Control Consoles OCO	Installation Quantity: 39
Installation: H-1 CRITICAL SYSTEMS IMPROVEMENT PROGRAM (OSIP 021-07)	Method of Implementation: Not Installed - Correction of OT Deficiencies	Installation Quantity: 30
Installation: H-1 CRITICAL SYSTEMS IMPROVEMENT PROGRAM (OSIP 021-07)	Method of Implementation: Not Installed - Aircraft Wireless Internal Communication System (AWICS)	Installation Quantity: 24
Installation: H-1 CRITICAL SYSTEMS IMPROVEMENT PROGRAM (OSIP 021-07)	Method of Implementation: Not Installed - Support Equipment	Installation Quantity: 10

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0532 - H-1 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): H-1 AVIONICS IMPROVEMENTS (OSIP 015-12) - 4

Models of Systems Affected: UH-1Y/AH-1Z	Type Modification: READINESS IMPROVEMENT/ SAFETY OF FLIGHT COMBAT EFFECTIVENESS	Related RDT&E PEs:
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	0.000	0.000	0.000	0.000	0.000	0.000	9.319	11.521	10.284	9.862	92.027	133.013
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	0.000	0.000	0.000	0.000	0.000	0.000	9.319	11.521	10.284	9.862	92.027	133.013
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	0.000	0.000	0.000	0.000	0.000	0.000	9.319	11.521	10.284	9.862	92.027	133.013

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

This OSIP incorporates a number of cost effective changes to the UH-1Y/AH-1Z, specifically attacking the highest degraders in the H-1 Cost Wise Readiness Integrated Improvement Process (CWRIIP) and on the Critical Logistics Review (CLR) lists in order to improve Ready Based Aircraft and Ready For Tasking rates and reduce the total cost of ownership. These improvements are a vital element of the H-1 Upgrades program to significantly enhance the strategy of a more ready, more capable, and more survivable H-1 force to accomplish the successful fielding of this new capability to the warfighter in support of the Overseas Contingency Operations (OCO). The increased readiness and capabilities that will be realized support the tenets of Sea Power 21, specifically operational availability, enhanced capabilities, and interoperability. Systems improved on the H-1 Warfighter aircraft will forward fit to the H-1 Upgrades aircraft and utilize existing technology to the maximum extent practicable to minimize development and procurement costs and to reduce the time to field the improved systems.

Systems and changes identified for improvement in the OSIP are the mission computer, Aircraft Wiring Integration Remote Terminal (AWIRT), Aircraft Wireless InterCommunications Systems (AWICS), Cockpit Wiring Integration Remote Terminal (CWIRT), Flight Control Computer (FCC), UHF/VHF radio system, SATCOM, IFF transponder, Inertial Navigation System (INS), Global Positioning System (GPS), radar altimeter, mass data storage, air data systems, aircraft displays, digital data loader, flight data recorder, maintenance data recorder, video recorder, digital video recorder, Joint Interoperable data link circuit capable of transmitting, receiving, and displaying information and video, Helmet Mounted Sight & Display (HMSD), Blue Force Tracker (BFT), Digital Map/Joint Variable Message Format (JVMF), Ground Proximity Warning System (GPWS), Terrain Awareness Warning System (TAWS), Military Flight Operations Quality Assurance (MFOQA), Aircraft Survivability Equipment (ASE), and avionics interfaces for platform weapons and sensors.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: Retrofit OTO Helmets NRE completed 4QFY10, Contract award scheduled 3QFY13 and deliveries to begin 4QFY13. AWICS FRP 3QFY12. Kit delivery begins in 2QFY13 with installs beginning in 4QFY13. Digital Map will be demonstrated 4QTR FY11. Competition scheduled 2QFY12.

Note:

1. A Kit Installs were procured in FY11 in OSIP 021-07, but are being installed in FY12/F13.

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0532 - H-1 Series	Modification Nomenclature <i>(Modification Title, Modification Number):</i> H-1 AVIONICS IMPROVEMENTS (OSIP 015-12) - 4
Models of Systems Affected: UH-1Y/AH-1Z	Type Modification: READINESS IMPROVEMENT/ SAFETY OF FLIGHT COMBAT EFFECTIVENESS	Related RDT&E PEs:

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0532 - H-1 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): H-1 AVIONICS IMPROVEMENTS (OSIP 015-12) - 4

Models of Systems Affected: UH-1Y/AH-1Z	Type Modification: READINESS IMPROVEMENT/ SAFETY OF FLIGHT COMBAT EFFECTIVENESS	Related RDT&E PEs:
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
H-1 AVIONICS IMPROVEMENTS (OSIP 015-12)												
A Kits												
Recurring												
1.1.1) Digital Map - Organic	-	-	-	-	-	-	-	-	-	-	-	-
1.1.2) Digital Map/JVMF - NonOrganic	-	-	-	-	-	-	-	-	-	-	-	-
1.1.3) Full Motion Video (FMV) - NonOrganic	-	-	-	-	-	-	-	-	-	-	-	-
1.1.4) System Configuration Set 7.0 - Organic	-	-	-	-	-	-	-	-	-	-	-	-
1.1.5) Correction of OT Deficiencies - Organic	-	-	-	-	-	-	-	-	-	-	-	-
1.1.6) ARC-210 - Organic	-	-	-	-	-	-	-	-	-	-	-	-
1.1.7) Blue Force Tracker - Organic	-	-	-	-	-	-	-	-	-	-	-	-
1.1.8) Aircraft Wireless Internal Communication System (AWICS) - NonOrganic	-	-	-	0.000	-	0.000	-	0.000	-	0.000	-	0.000
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		0.000
NonRecurring												
1.2.1) Installation Kits N/R - Organic	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		0.000
B Kits												
Recurring												
2.1.1) Digital Map/JVMF - Organic	-	-	-	-	-	-	-	-	-	-	-	-
2.1.2) Full Motion Video (FMV) - NonOrganic	-	-	-	-	-	-	-	-	-	-	-	-
2.1.3) Correction of OT Deficiencies - Organic	-	-	-	-	-	-	-	-	-	-	-	-
2.1.4) ARC-210 - Organic	-	-	-	-	-	-	-	-	-	-	-	-
2.1.5) Blue Force Tracker - Organic	-	-	-	-	-	-	-	-	-	-	-	-
2.1.6) Retrofit OTO Hardware - Organic	-	-	-	-	-	-	-	-	-	-	-	-
2.1.7) Aircraft Wireless Internal Communication System (AWICS) - Organic	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0532 - H-1 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): H-1 AVIONICS IMPROVEMENTS (OSIP 015-12) - 4

Models of Systems Affected: UH-1Y/AH-1Z	Type Modification: READINESS IMPROVEMENT/ SAFETY OF FLIGHT COMBAT EFFECTIVENESS	Related RDT&E PEs:
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		0.000
NonRecurring												
2.2.1) Installation Equipment N/R - Organic	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		0.000
<i>Total, H-1 AVIONICS IMPROVEMENTS (OSIP 015-12)</i>	-	-	-	0.000	-	0.000	-	0.000	-	0.000	-	0.000
<i>Total, All Modifications</i>		0.000		0.000		0.000		0.000		0.000		0.000
Support												
3.1) Engineering Change Orders	-	-	-	-	-	-	-	-	-	-	-	-
3.2) Data	-	-	-	-	-	-	-	-	-	-	-	-
3.3) Training Equipment	-	-	-	-	-	-	-	-	-	-	-	-
3.4) Support Equipment	-	-	-	-	-	-	-	-	-	-	-	-
3.5) ILS	-	-	-	-	-	-	-	-	-	-	-	-
3.6) Other Support	-	-	-	-	-	-	-	-	-	-	-	-
3.7) Interim Contractor Support	-	0.000	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
<i>Procurement Cost (Procurement + Support)</i>		0.000		0.000		0.000		0.000		0.000		0.000
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		0.000		0.000		0.000		0.000		0.000		0.000

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
H-1 AVIONICS IMPROVEMENTS (OSIP 015-12)												
A Kits												
Recurring												
1.1.1) Digital Map - Organic	40	2.000	40	2.000	40	2.000	40	2.000	5	0.300	165	8.300
1.1.2) Digital Map/JVMF - NonOrganic	-	-	20	1.000	24	1.200	24	1.200	-	-	68	3.400

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0532 - H-1 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): H-1 AVIONICS IMPROVEMENTS (OSIP 015-12) - 4

Models of Systems Affected: UH-1Y/AH-1Z	Type Modification: READINESS IMPROVEMENT/ SAFETY OF FLIGHT COMBAT EFFECTIVENESS	Related RDT&E PEs:
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
1.1.3) Full Motion Video (FMV) - NonOrganic	-	-	-	-	-	-	0	0.000	54	7.020	54	7.020
1.1.4) System Configuration Set 7.0 - Organic	32	1.380	41	1.800	42	1.900	42	1.900	18	0.800	175	7.780
1.1.5) Correction of OT Deficiencies - Organic	-	-	-	-	-	-	0	0.000	153	9.200	153	9.200
1.1.6) ARC-210 - Organic	40	0.100	33	0.100	33	0.100	33	0.100	14	0.040	153	0.440
1.1.7) Blue Force Tracker - Organic	-	-	-	-	-	-	0	0.000	153	9.200	153	9.200
1.1.8) Aircraft Wireless Internal Communication System (AWICS) - NonOrganic	-	0.000	-	0.000	-	0.000	-	0.000	-	1.039	-	1.039
<i>Subtotal Recurring</i>		3.480		4.900		5.200		5.200		27.599		46.379
NonRecurring												
1.2.1) Installation Kits N/R - Organic	-	-	-	-	-	-	-	0.000	-	0.650	-	0.650
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.650		0.650
B Kits												
Recurring												
2.1.1) Digital Map/JVMF - Organic	-	-	20	0.500	24	0.600	24	0.600	-	-	68	1.700
2.1.2) Full Motion Video (FMV) - NonOrganic	-	-	-	-	-	-	0	0.000	54	7.020	54	7.020
2.1.3) Correction of OT Deficiencies - Organic	-	-	-	-	-	-	0	0.000	153	9.200	153	9.200
2.1.4) ARC-210 - Organic	40	3.000	33	2.375	18	1.350	18	1.350	44	3.805	153	11.880
2.1.5) Blue Force Tracker - Organic	-	-	-	-	-	-	0	0.000	153	9.200	153	9.200
2.1.6) Retrofit OTO Hardware - Organic	-	-	-	-	-	-	0	0.000	23	6.255	23	6.255
2.1.7) Aircraft Wireless Internal Communication System (AWICS) - Organic	-	-	-	-	-	-	0	0.000	30	3.900	30	3.900
<i>Subtotal Recurring</i>		3.000		2.875		1.950		1.950		39.380		49.155
NonRecurring												
2.2.1) Installation Equipment N/R - Organic	-	-	-	1.200	-	-	-	-	-	9.200	-	10.400
<i>Subtotal NonRecurring</i>		0.000		1.200		0.000		0.000		9.200		10.400
Total, H-1 AVIONICS IMPROVEMENTS (OSIP 015-12)	-	6.480	-	8.975	-	7.150	-	7.150	-	76.829	-	106.584
Total, All Modifications		6.480		8.975		7.150		7.150		76.829		106.584

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0532 - H-1 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): H-1 AVIONICS IMPROVEMENTS (OSIP 015-12) - 4

Models of Systems Affected: UH-1Y/AH-1Z	Type Modification: READINESS IMPROVEMENT/ SAFETY OF FLIGHT COMBAT EFFECTIVENESS	Related RDT&E PEs:
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Support												
3.1) Engineering Change Orders	-	-	-	-	-	0.613	-	0.613	-	-	-	1.226
3.2) Data	-	-	-	-	-	-	-	0.000	-	0.100	-	0.100
3.3) Training Equipment	-	1.700	-	-	-	-	-	-	-	2.000	-	3.700
3.4) Support Equipment	-	-	-	0.800	-	0.465	-	-	-	-	-	1.265
3.5) ILS	-	-	-	0.590	-	0.440	-	0.445	-	3.600	-	5.075
3.6) Other Support	-	1.139	-	1.156	-	1.316	-	1.294	-	6.778	-	11.683
3.7) Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	-
Total Support Cost		2.839		2.546		2.834		2.352		12.478		23.049
Procurement Cost (Procurement + Support)		9.319		11.521		9.984		9.502		89.307		129.633
Total Installation Cost		0.000		0.000		0.300		0.360		2.720		3.380
Total Cost (Procurement + Support + Installation)		9.319		11.521		10.284		9.862		92.027		133.013

Remarks:

Manufacturer Information: H-1 AVIONICS IMPROVEMENTS (OSIP 015-12)

Manufacturer Name: TBD - Digital Map/JVMF				Manufacturer Location: TBD			
Administrative Leadtime (in Months): 3				Production Leadtime (in Months): 12			

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates							
Delivery Dates							

Manufacturer Name: TBD - Full Motion Video				Manufacturer Location: TBD			
Administrative Leadtime (in Months): 1				Production Leadtime (in Months): 12			

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates							
Delivery Dates							

Manufacturer Name: TBD - AWICS				Manufacturer Location: TBD			
Administrative Leadtime (in Months): 1				Production Leadtime (in Months): 6			

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0532 - H-1 Series
Modification Nomenclature (Modification Title, Modification Number): H-1 AVIONICS IMPROVEMENTS (OSIP 015-12) - 4		

Models of Systems Affected: UH-1Y/AH-1Z	Type Modification: READINESS IMPROVEMENT/ SAFETY OF FLIGHT COMBAT EFFECTIVENESS	Related RDT&E PEs:
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Manufacturer Information: H-1 AVIONICS IMPROVEMENTS (OSIP 015-12)							
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates							
Delivery Dates							

Installation: H-1 AVIONICS IMPROVEMENTS (OSIP 015-12)	Method of Implementation: Contractor Field Mod Team	Installation Name: Digital Map/JVMF
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	-	-

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	20	0.300	-	-	-	-	20	0.300
FY 2016	-	-	-	-	-	-	24	0.360	-	-	24	0.360

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0532 - H-1 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): H-1 AVIONICS IMPROVEMENTS (OSIP 015-12) - 4

Models of Systems Affected: UH-1Y/AH-1Z	Type Modification: READINESS IMPROVEMENT/ SAFETY OF FLIGHT COMBAT EFFECTIVENESS	Related RDT&E PEs:
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Installation: H-1 AVIONICS IMPROVEMENTS (OSIP 015-12)	Method of Implementation: Contractor Field Mod Team	Installation Name: Digital Map/JVMF
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Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
FY 2017	-	-	-	-	-	-	-	-	24	0.360	24	0.360
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	20	0.300	24	0.360	24	0.360	68	1.020

Installation Schedule																														
APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	5	5	5	6	6	6	6	24	68
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	5	5	5	6	6	6	6	24	68

Installation: H-1 AVIONICS IMPROVEMENTS (OSIP 015-12)	Method of Implementation: Contractor Field Mod Team	Installation Name: Full Motion Video (FMV)
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	0	0.000	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0532 - H-1 Series
Models of Systems Affected: UH-1Y/AH-1Z		Modification Nomenclature (Modification Title, Modification Number): H-1 AVIONICS IMPROVEMENTS (OSIP 015-12) - 4
Type Modification: READINESS IMPROVEMENT/ SAFETY OF FLIGHT COMBAT EFFECTIVENESS		Related RDT&E PEs:

Installation: H-1 AVIONICS IMPROVEMENTS (OSIP 015-12)	Method of Implementation: Contractor Field Mod Team	Installation Name: Full Motion Video (FMV)
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Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	0	0.000
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	54	2.000	54	2.000
Total	-	-	-	-	-	-	-	-	54	2.000	54	2.000

Installation Schedule																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	54	54
Out	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	54	54

Installation: H-1 AVIONICS IMPROVEMENTS (OSIP 015-12)	Method of Implementation: Contractor Field Mod Team	Installation Name: Aircraft Wireless Internal Communication System (AWICS)
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	6	0.000	18	0.000	0	0.000	18	0.000
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0532 - H-1 Series
Models of Systems Affected: UH-1Y/AH-1Z		Modification Nomenclature (Modification Title, Modification Number): H-1 AVIONICS IMPROVEMENTS (OSIP 015-12) - 4
Type Modification: READINESS IMPROVEMENT/ SAFETY OF FLIGHT COMBAT EFFECTIVENESS		Related RDT&E PEs:

Installation: H-1 AVIONICS IMPROVEMENTS (OSIP 015-12)	Method of Implementation: Contractor Field Mod Team	Installation Name: Aircraft Wireless Internal Communication System (AWICS)
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	6	0.000	18	0.000	0	0.000	18	0.000

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	24	0.000
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	30	0.360	30	0.360
Total	-	-	-	-	-	-	-	-	30	0.360	54	0.360

Installation Schedule																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	-	-	-	-	6	10	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	30	54			
Out	-	-	-	-	-	-	-	-	6	10	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	30	54			

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0532 - H-1 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): H-1 AVIONICS IMPROVEMENTS (OSIP 015-12) - 4
Models of Systems Affected: UH-1Y/AH-1Z	Type Modification: READINESS IMPROVEMENT/ SAFETY OF FLIGHT COMBAT EFFECTIVENESS	Related RDT&E PEs:
Installation: H-1 AVIONICS IMPROVEMENTS (OSIP 015-12)	Method of Implementation: Not Installed - Digital Map	Installation Quantity: 165
Installation: H-1 AVIONICS IMPROVEMENTS (OSIP 015-12)	Method of Implementation: Not Installed - System Configuration Set 7.0	Installation Quantity: 175
Installation: H-1 AVIONICS IMPROVEMENTS (OSIP 015-12)	Method of Implementation: Not Installed - Correction of OT Deficiencies	Installation Quantity: 153
Installation: H-1 AVIONICS IMPROVEMENTS (OSIP 015-12)	Method of Implementation: Not Installed - ARC-210	Installation Quantity: 153
Installation: H-1 AVIONICS IMPROVEMENTS (OSIP 015-12)	Method of Implementation: Not Installed - Blue Force Tracker	Installation Quantity: 153
Installation: H-1 AVIONICS IMPROVEMENTS (OSIP 015-12)	Method of Implementation: Not Installed - Digital Map/JVMF	Installation Quantity: 68
Installation: H-1 AVIONICS IMPROVEMENTS (OSIP 015-12)	Method of Implementation: Not Installed - Correction of OT Deficiencies	Installation Quantity: 153
Installation: H-1 AVIONICS IMPROVEMENTS (OSIP 015-12)	Method of Implementation: Not Installed - ARC-210	Installation Quantity: 153
Installation: H-1 AVIONICS IMPROVEMENTS (OSIP 015-12)	Method of Implementation: Not Installed - Blue Force Tracker	Installation Quantity: 153
Installation: H-1 AVIONICS IMPROVEMENTS (OSIP 015-12)	Method of Implementation: Not Installed - Retrofit OTO Hardware	Installation Quantity: 23
Installation: H-1 AVIONICS IMPROVEMENTS (OSIP 015-12)	Method of Implementation: Not Installed - Aircraft Wireless Internal Communication System (AWICS)	Installation Quantity: 30

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0532 - H-1 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): H-1 SENSORS AND WEAPONS IMPROVEMENTS (OSIP 016-12) - 5

Models of Systems Affected: UH-1Y/AH-1Z	Type Modification: SAFETY/SURVIVABILITY	Related RDT&E PEs:
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	0.000	0.000	8.412	6.508	0.000	6.508	16.185	3.707	3.828	3.945	57.381	99.966
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	0.000	0.000	8.412	6.508	0.000	6.508	16.185	3.707	3.828	3.945	57.381	99.966
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	0.000	0.000	8.412	6.508	0.000	6.508	16.185	3.707	3.828	3.945	57.381	99.966

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

This OSIP incorporates a number of cost effective changes to the UH-1Y/AH-1Z, specifically attacking the highest degraders in the H-1 Cost Wise Readiness Integrated Improvement Process (CWRIIP) and on the Critical Logistics Review (CILR) lists in order to improve RBA and RFT rates and reduce the total cost of ownership. These improvements are a vital element of the H-1 Upgrades program to significantly enhance the strategy of a more ready, more capable, and more survivable H-1 force to accomplish the successful fielding of this new capability to the warfighter in support of the Overseas Contingency Operations (OCO). The increased readiness and capabilities that will be realized support the tenets of Sea Power 21, specifically operational availability, enhanced capabilities, and interoperability. Systems improved on the H-1 Warfighter aircraft will forward fit to the H-1 Upgrades aircraft and utilize existing technology to the maximum extent practicable to minimize development and procurement costs and to reduce the time to field the improved systems.

This OSIP addresses the U.S. Marine Corps' (USMC) operational requirement to detect, identify, and destroy tactical-sized armored targets with the precision guided munitions during day, night, and adverse weather conditions. The Target Sight System (TSS) and the BRITE Star sensors provide a night/adverse weather Forward-Looking Infrared (FLIR) and laser designator for the H-1 series helicopters' weapons system engagement, including but not limited to TOW, Hellfire, and Joint Air-to-Ground Missile (JAGM) capabilities. This OSIP also addresses improvements to H-1 series helicopters' weapons systems in support of mission success to include missile, rockets, and gun reliability and accuracy. These weapon systems include JAGM, Advanced Precision Kill Weapon System (APKWS), Laser Spot Tracker (LST), Hellfire, 20MM Gun, launchers, turrets and crew served weapons. The Linkless Feeder System's (LFS) ammo can/feeder assembly addresses the highest reliability degrader in the gun system. Additional modifications that will significantly increase the accuracy and reliability of this critical weapons system and enhance the survivability of the flight crew include, enhanced lubrication system/methodology, laser pointers (including mounting), improved turret test console, and improved barrel supports. Other sensor improvements will include WRA modifications to improve weapons reliability, maintainability, and systems stabilization, as well as upgrades to laser spot tracking and laser pointing devices.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES:One BRITE Star II system has been modified by the OEM to add a Laser Spot Tracker (LST) subassembly. The LST adds the capability to detect, acquire and track laser designator signatures. Initial ground based LST testing commenced in FY2011.

- Notes:**
- AFC-396 UH-1Y will be configured to fly with any of the three existing sensors: STAR Safire, BRITE Star Block I or BRITE Star Block II.

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0532 - H-1 Series	Modification Nomenclature <i>(Modification Title, Modification Number):</i> H-1 SENSORS AND WEAPONS IMPROVEMENTS (OSIP 016-12) - 5
Models of Systems Affected: UH-1Y/AH-1Z	Type Modification: SAFETY/SURVIVABILITY	Related RDT&E PEs:

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Exhibit P-3A, Individual Modification: PB 2013 Navy										Date: February 2012				
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1					P-1 Line Item Nomenclature: 0532 - H-1 Series					Modification Nomenclature (<i>Modification Title, Modification Number</i>): H-1 SENSORS AND WEAPONS IMPROVEMENTS (OSIP 016-12) - 5				
Models of Systems Affected: UH-1Y/AH-1Z				Type Modification: SAFETY/SURVIVABILITY					Related RDT&E PEs:					
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total			
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)		
Procurement														
H-1 SENSORS AND WEAPONS IMPROVEMENTS (OSIP 016-12)														
A Kits														
Recurring														
1.1.1) AFC-396 (UH-1Y) - NonOrganic														
	-	-	-	-	16	0.330	16	0.335	-	-	16	0.335		
<i>Subtotal Recurring</i>		0.000		0.000		0.330		0.335		0.000		0.335		
NonRecurring														
1.2.1) Installation Kits N/R - Organic														
	-	-	-	-	-	0.260	-	0.375	-	-	-	0.375		
1.2.2) Tactical Video Data Link - Organic														
	-	-	-	-	-	-	-	-	-	-	-	-		
<i>Subtotal NonRecurring</i>		0.000		0.000		0.260		0.375		0.000		0.375		
B Kits														
Recurring														
2.1.1) BRITE Star II (UH-1Y) - Organic														
	-	-	-	-	8	7.040	6	5.280	-	-	6	5.280		
2.1.2) Laser Spot Tracker - Organic														
	-	-	-	-	-	-	-	-	-	-	-	-		
<i>Subtotal Recurring</i>		0.000		0.000		7.040		5.280		0.000		5.280		
NonRecurring														
2.2.1) Installation Equipment N/R - Organic														
	-	-	-	-	-	-	-	-	-	-	-	-		
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		0.000		
<i>Total, H-1 SENSORS AND WEAPONS IMPROVEMENTS (OSIP 016-12)</i>		-		-		24	7.630	22	5.990	-	-	22	5.990	
<i>Total, All Modifications</i>		0.000		0.000		7.630		5.990		0.000		5.990		
Support														
3.1) Engineering Change Orders														
	-	-	-	-	-	-	-	-	-	-	-	-		
3.2) Data														
	-	-	-	-	-	-	-	-	-	-	-	-		
3.3) Training Equipment														
	-	-	-	-	-	-	-	-	-	-	-	-		
3.4) Support Equipment														
	-	0.000	-	-	-	-	-	-	-	-	-	-		
3.5) ILS														
	-	-	-	-	-	-	-	-	-	-	-	-		
3.6) Other Support														
	-	-	-	-	-	0.452	-	0.183	-	-	-	0.183		
3.7) Interim Contractor Support														
	-	0.000	-	-	-	-	-	-	-	-	-	-		

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0532 - H-1 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): H-1 SENSORS AND WEAPONS IMPROVEMENTS (OSIP 016-12) - 5

Models of Systems Affected: UH-1Y/AH-1Z	Type Modification: SAFETY/SURVIVABILITY	Related RDT&E PEs:										
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
<i>Total Support Cost</i>		0.000		0.000		0.452		0.183		0.000		0.183
<i>Procurement Cost (Procurement + Support)</i>		0.000		0.000		8.082		6.173		0.000		6.173
<i>Total Installation Cost</i>		0.000		0.000		0.330		0.335		0.000		0.335
Total Cost (Procurement + Support + Installation)		0.000		0.000		8.412		6.508		0.000		6.508

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
H-1 SENSORS AND WEAPONS IMPROVEMENTS (OSIP 016-12)												
A Kits												
Recurring												
1.1.1) AFC-396 (UH-1Y) - NonOrganic	16	0.340	-	-	17	0.500	17	0.500	32	1.000	114	3.005
<i>Subtotal Recurring</i>		0.340		0.000		0.500		0.500		1.000		3.005
NonRecurring												
1.2.1) Installation Kits N/R - Organic	-	0.400	-	-	-	0.700	-	0.681	-	0.090	-	2.506
1.2.2) Tactical Video Data Link - Organic	-	-	-	-	-	-	-	0.000	-	7.600	-	7.600
<i>Subtotal NonRecurring</i>		0.400		0.000		0.700		0.681		7.690		10.106
B Kits												
Recurring												
2.1.1) BRITE Star II (UH-1Y) - Organic	11	9.680	2	1.760	2	1.760	2	1.760	18	16.160	49	43.440
2.1.2) Laser Spot Tracker - Organic	10	0.170	-	-	-	-	-	-	170	2.810	180	2.980
<i>Subtotal Recurring</i>		9.850		1.760		1.760		1.760		18.970		46.420
NonRecurring												
2.2.1) Installation Equipment N/R - Organic	-	0.500	-	0.500	-	-	-	-	-	5.050	-	6.050
<i>Subtotal NonRecurring</i>		0.500		0.500		0.000		0.000		5.050		6.050
<i>Total, H-1 SENSORS AND WEAPONS IMPROVEMENTS (OSIP 016-12)</i>	37	11.090	2	2.260	19	2.960	19	2.941	220	32.710	343	65.581
<i>Total, All Modifications</i>		11.090		2.260		2.960		2.941		32.710		65.581
Support												

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0532 - H-1 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): H-1 SENSORS AND WEAPONS IMPROVEMENTS (OSIP 016-12) - 5

Models of Systems Affected: UH-1Y/AH-1Z	Type Modification: SAFETY/SURVIVABILITY	Related RDT&E PEs:
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
3.1) Engineering Change Orders	-	1.300	-	0.879	-	-	-	-	-	-	-	2.179
3.2) Data	-	-	-	-	-	-	-	0.000	-	0.800	-	0.800
3.3) Training Equipment	1	1.200	-	-	-	-	-	-	6	8.000	7	9.200
3.4) Support Equipment	-	-	-	-	-	-	-	-	-	-	-	-
3.5) ILS	-	0.750	-	0.300	-	-	-	-	-	1.700	-	2.750
3.6) Other Support	-	1.505	-	0.268	-	0.478	-	0.504	-	13.271	-	16.661
3.7) Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	-
Total Support Cost		4.755		1.447		0.478		0.504		23.771		31.590
Procurement Cost (Procurement + Support)		15.845		3.707		3.438		3.445		56.481		97.171
Total Installation Cost		0.340		0.000		0.390		0.500		0.900		2.795
Total Cost (Procurement + Support + Installation)		16.185		3.707		3.828		3.945		57.381		99.966

Remarks:

Manufacturer Information: H-1 SENSORS AND WEAPONS IMPROVEMENTS (OSIP 016-12)	
Manufacturer Name: Wyle Laboratories, Inc.	Manufacturer Location: Alabama
Administrative Leadtime (in Months): 0	Production Leadtime (in Months): 0

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates		Oct 2011	Oct 2012	Oct 2013			
Delivery Dates		Oct 2011	Oct 2012	Oct 2013			

Installation: H-1 SENSORS AND WEAPONS IMPROVEMENTS (OSIP 016-12)	Method of Implementation: Contractor Field Mod Team	Installation Name: AFC-396 (UH-1Y)
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	16	0.330	-	-	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0532 - H-1 Series
		Modification Nomenclature (Modification Title, Modification Number): H-1 SENSORS AND WEAPONS IMPROVEMENTS (OSIP 016-12) - 5

Models of Systems Affected: UH-1Y/AH-1Z	Type Modification: SAFETY/SURVIVABILITY	Related RDT&E PEs:
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Installation: H-1 SENSORS AND WEAPONS IMPROVEMENTS (OSIP 016-12)	Method of Implementation: Contractor Field Mod Team	Installation Name: AFC-396 (UH-1Y)
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
FY 2013	-	-	-	-	-	-	16	0.335	0	0.000	16	0.335
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	16	0.330	16	0.335	0	0.000	16	0.335

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	16	0.330
FY 2013	-	-	-	-	-	-	-	-	-	-	16	0.335
FY 2014	16	0.340	-	-	-	-	-	-	-	-	16	0.340
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	17	0.390	-	-	-	-	17	0.390
FY 2017	-	-	-	-	-	-	17	0.500	-	-	17	0.500
To Complete	-	-	-	-	-	-	-	-	32	0.900	32	0.900
Total	16	0.340	-	-	17	0.390	17	0.500	32	0.900	114	2.795

Installation Schedule																														
APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	4	4	4	4	4	4	4	4	4	4	4	4	-	-	-	-	4	4	4	5	4	4	4	5	32	114
Out	-	-	-	-	4	4	4	4	4	4	4	4	4	4	4	4	-	-	-	-	4	4	4	5	4	4	4	5	32	114

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0532 - H-1 Series	Modification Nomenclature <i>(Modification Title, Modification Number):</i> H-1 SENSORS AND WEAPONS IMPROVEMENTS (OSIP 016-12) - 5
Models of Systems Affected: UH-1Y/AH-1Z	Type Modification: SAFETY/SURVIVABILITY	Related RDT&E PEs:
Installation: H-1 SENSORS AND WEAPONS IMPROVEMENTS (OSIP 016-12)	Method of Implementation: Not Installed - BRITE Star II (UH-1Y)	Installation Quantity: 49
Installation: H-1 SENSORS AND WEAPONS IMPROVEMENTS (OSIP 016-12)	Method of Implementation: Not Installed - Laser Spot Tracker	Installation Quantity: 180
Installation: H-1 SENSORS AND WEAPONS IMPROVEMENTS (OSIP 016-12)	Method of Implementation: Not Installed - Training Equipment	Installation Quantity: 7

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Exhibit P-3A, Individual Modification: PB 2013 Navy							Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0532 - H-1 Series				Modification Nomenclature (<i>Modification Title, Modification Number</i>): INACTIVE OSIPs - 6				

Models of Systems Affected: [No Model Specified] **Type Modification:** [No Modification Type Specified] **Related RDT&E PEs:**

Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	7.100	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.100
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	7.100	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.100
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	7.100	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.100

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0532 - H-1 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): INACTIVE OSIPs - 6

Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs:
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
INACTIVE OSIPs												
A Kits												
Recurring												
1.1.2) New Cost Element - Organic	-	7.100	-	-	-	-	-	-	-	-	-	-
<i>Subtotal Recurring</i>		7.100		0.000		0.000		0.000		0.000		0.000
<i>Total, INACTIVE OSIPs</i>	-	7.100	-	-	-	-	-	-	-	-	-	-
<i>Total, All Modifications</i>		7.100		0.000		0.000		0.000		0.000		0.000
Support												
3.1) New Cost Element.	-	0.000	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
<i>Procurement Cost (Procurement + Support)</i>		7.100		0.000		0.000		0.000		0.000		0.000
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		7.100		0.000		0.000		0.000		0.000		0.000

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
INACTIVE OSIPs												
A Kits												
Recurring												
1.1.2) New Cost Element - Organic	-	-	-	-	-	-	-	-	-	-	-	7.100
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		7.100
<i>Total, INACTIVE OSIPs</i>	-	-	-	-	-	-	-	-	-	-	-	7.100
<i>Total, All Modifications</i>		0.000		0.000		0.000		0.000		0.000		7.100
Support												
3.1) New Cost Element.	-	-	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0532 - H-1 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): INACTIVE OSIPs - 6

Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs:
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
<i>Procurement Cost (Procurement + Support)</i>		0.000		0.000		0.000		0.000		0.000		7.100
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		0.000		0.000		0.000		0.000		0.000		7.100

Remarks:

Manufacturer Information: INACTIVE OSIPs

Manufacturer Name: Manufacturer Name Not Provided. Manufacturer Location: Manufacturer Location Not Provided.

Administrative Leadtime (*in Months*): Production Leadtime (*in Months*):

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates							
Delivery Dates							

Installation: INACTIVE OSIPs	Method of Implementation: No Quantities Associated with Install	Installation Quantity: 0
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Exhibit P-40, Budget Item Justification Sheet: PB 2013 Navy **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity:
1506N : Aircraft Procurement, Navy / BA 5 : Modification of Aircraft / BSA 1 :
Modification Of Aircraft

P-1 Line Item Nomenclature:
0537 - EP-3 Series

ID Code (A=Service Ready, B=Not Service Ready) : A **Program Elements for Code B Items:** **Other Related Program Elements:**

Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	888.511	85.907	94.481	66.374	13.030	79.404	55.996	29.954	9.385	9.578	24.099	1,277.315
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	888.511	85.907	94.481	66.374	13.030	79.404	55.996	29.954	9.385	9.578	24.099	1,277.315
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	888.511	85.907	94.481	66.374	13.030	79.404	55.996	29.954	9.385	9.578	24.099	1,277.315
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

This line item funds modifications to the EP-3E aircraft. The EP-3E is a land based, long range aircraft with electronic intercept devices for detection and tracking of enemy RADARs and communications.

In OSIP 11-01, the Spiral 1 kit improved operational capability and aircrew productivity by expanding the Electronic Support Measures (ESM) frequency coverage, applying state-of-the-art signal exploitation/processing/display techniques, expanding Direction Finding (DF) frequency coverage, off-board classified communication, and expanding special signal processing capability. Spiral 2 kit improved information fusion/decision-making capabilities was deferred. Spiral 3 procurement provides Low Band Communication System Upgrades, Information Operations(IO)capability, Environmental Control System (ECS) modifications, Quick Response Capabilities (QRC) and the replacement of aging and obsolescence aircraft antenna arrays. OSIP 14-05 responds to the current, immediate demand for information operations capabilities on the EP-3E in Overseas Contingency.

Research and Development is funded with National Security Agency (NSA) Military Intelligence Program (MIP) funds. This OSIP provides the procurement tail for RDT&E funds from the Navy's Advanced Signal Recognition line (PE 0305206N). The NSA RDT&E line for the Navy Airborne Sensor System Improvements funds sensor improvements with application for the EP-3E. MIP RDT&E funds are responsible for the development and acquisition of EP-3E sensors, data links, data relays and ground stations to achieve and maintain interoperability with Defense-wide airborne reconnaissance assets. Funds budgeted in FY2011-FY2017 are to continue EP-3E Joint Airborne Signal Intelligence (SIGINT) Architecture (JASA) Modification (JMOD)Common Configuration (JCC) Program. The EP-3E has an average age of 38.5 years. The EP-3E service life will be managed through Special Structural Inspection - Kits (SSI-Ks), Outer Wing Replacement (OWA) and other aircraft sustainment activities in the P3 Series Modification program (BLI 0538, OSIP 05-05).

Item Schedule		Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total			
Item Nomenclature*	Exhibits	ID CD	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
JSAF Modification (JMOD) - OSIP 11-01 - 1	P3A		-	-	427.631	-	-	77.895	-	-	71.681	-	-	66.374	-	-	0.000	-	-	66.374

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0537 - EP-3 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): JSAF Modification (JMOD) - OSIP 11-01 - 1

Models of Systems Affected: EP-3E	Type Modification: Operational Improvement / Modernization	Related RDT&E PEs: 0305206N
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	427.631	77.895	71.681	66.374	0.000	66.374	55.996	29.954	9.385	9.578	24.099	772.593
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	427.631	77.895	71.681	66.374	0.000	66.374	55.996	29.954	9.385	9.578	24.099	772.593
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	427.631	77.895	71.681	66.374	0.000	66.374	55.996	29.954	9.385	9.578	24.099	772.593

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The EP-3E JASA Modification (JMOD) Common Configuration (JCC) Program is an upgrade to the capabilities of the Sensor System Improvement Program (SSIP) configuration of the EP-3E. This OSIP responds to Operational Requirements Document (ORD) #571-78-01 and the CAPSTONE ORD #CAF-002-88. JCC is designed as an evolutionary acquisition program consisting of spiral upgrades. JCC Spirals include an updated EP-3E infrastructure, improved auto-ESM with the Story Finder system, incorporated Joint Signal Processor (JSP), incorporated SSIP corrections, incorporated low band capability which improves special collection capability, Information Operations (IO) and incorporated Quick Response Capabilities (QRC). Data Fusion capability is currently deferred.

In OSIP 11-01, the Spiral 1 ForceNet kit improved operational capability and aircrew productivity by expanding the ESM frequency coverage, applying state-of-the-art signal exploitation/processing/display techniques, expanding Direction Finding (DF) frequency coverage, off-board classified communication, and expanding special signal processing capability. Spiral 3 procurement began in FY11 with Low Band Communication System Upgrades, IO capability, Environmental Control System (ECS) modification, Quick Response Capabilities (QRC) and the replacement of aging and obsolescence aircraft antenna arrays. This OSIP includes ECO funding to replace subsystem obsolescence to ensure EP-3E viability until aircraft recapitalization. ECO Obsolescence addresses obsolescence of all fielded EP-3E Mission Systems including but not limited to ELINT, COMINT, Communications, Mission Management and Special Signals.

DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONES:

JCC Spiral 1 LRIP decision was approved as planned on 06 June 2005 and Full Rate Production decision and contract awarded 4th Quarter of FY06
JCC Spiral 3 LRIP decision was approved on 25 February 2011

NOTES:

- 1) Other Support includes navy test for Obsolescence
- 2) B-Kit Rotable Pool will be used to maintain Aircraft inventory
- 3) OSIP 07-09 has been incorporated into OSIP 11-01 beginning in FY13
- 4) Install Schedule based on Projected Aircraft Availability
- 5) OBS quantities include various mission equipment quantities

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0537 - EP-3 Series	Modification Nomenclature <i>(Modification Title, Modification Number):</i> JSAF Modification (JMOD) - OSIP 11-01 - 1
Models of Systems Affected: EP-3E	Type Modification: Operational Improvement / Modernization	Related RDT&E PEs: 0305206N

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Exhibit P-3A, Individual Modification: PB 2013 Navy										Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1					P-1 Line Item Nomenclature: 0537 - EP-3 Series					Modification Nomenclature (<i>Modification Title, Modification Number</i>): JSAF Modification (JMOD) - OSIP 11-01 - 1			
Models of Systems Affected: EP-3E					Type Modification: Operational Improvement / Modernization					Related RDT&E PEs: 0305206N			
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
JSAF Modification (JMOD) - OSIP 11-01													
A Kits													
Recurring													
1.1.1) Prior Year Install Kits - Organic	44	16.973	-	-	-	-	-	-	-	-	-	-	
1.1.2) JMOD Common SP1 - Organic	6	4.826	-	-	-	-	-	-	-	-	-	-	
1.1.3) JMOD Common SP3 - NonOrganic	-	-	3	7.051	3	8.115	2	5.214	-	-	2	5.214	
<i>Subtotal Recurring</i>		21.799		7.051		8.115		5.214		0.000		5.214	
NonRecurring													
1.2.1) Installation Kits N/R - Organic	-	17.138	-	2.927	-	2.400	-	-	-	-	-	-	
<i>Subtotal NonRecurring</i>		17.138		2.927		2.400		0.000		0.000		0.000	
B Kits													
Recurring													
2.1.1) Prior Year Install Equipment - Organic	75	77.299	-	-	-	-	-	-	-	-	-	-	
2.1.2) JMOD Common SP1 - Organic	6	24.990	-	-	-	-	-	-	-	-	-	-	
2.1.3) JMOD Common SP3 - Organic	-	-	3	17.728	2	10.072	2	9.708	-	-	2	9.708	
2.1.4) Prior Year Installation Costs - Organic	46	29.223	-	-	-	-	-	-	-	-	-	-	
<i>Subtotal Recurring</i>		131.512		17.728		10.072		9.708		0.000		9.708	
NonRecurring													
2.2.1) Installation Equipment N/R - Organic	-	37.238	-	5.753	-	1.100	-	-	-	-	-	-	
<i>Subtotal NonRecurring</i>		37.238		5.753		1.100		0.000		0.000		0.000	
<i>Total, JSAF Modification (JMOD) - OSIP 11-01</i>	177	207.687	6	33.459	5	21.687	4	14.922	-	-	4	14.922	
<i>Total, All Modifications</i>		207.687		33.459		21.687		14.922		0.000		14.922	
Support													
3.1) Engineering Change Orders	-	0.000	-	-	-	-	-	-	-	-	-	-	
3.2) JCC Obsolescence	-	82.664	-	16.835	-	14.037	-	12.575	-	0.000	-	12.575	
3.3) QRC	-	-	-	-	-	-	-	1.000	-	-	-	1.000	

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0537 - EP-3 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): JSAF Modification (JMOD) - OSIP 11-01 - 1

Models of Systems Affected: EP-3E	Type Modification: Operational Improvement / Modernization	Related RDT&E PEs: 0305206N
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
3.4) Data	-	9.284	-	1.565	-	1.100	-	0.500	-	-	-	0.500
3.5) Training Equipment	-	9.012	-	1.521	-	2.100	-	1.104	-	-	-	1.104
3.6) Support Equipment	-	9.474	-	0.198	-	4.300	-	1.048	-	-	-	1.048
3.7) ILS	-	19.119	-	2.830	-	2.410	-	1.848	-	-	-	1.848
3.8) Other Support	-	79.491	-	6.863	-	6.597	-	7.209	-	-	-	7.209
3.9) Interim Contractor Support	-	0.000	-	-	-	-	-	-	-	-	-	-
Total Support Cost		209.044		29.812		30.544		25.284		0.000		25.284
Procurement Cost (Procurement + Support)		416.731		63.271		52.231		40.206		0.000		40.206
Total Installation Cost		10.900		14.624		19.450		26.168		0.000		26.168
Total Cost (Procurement + Support + Installation)		427.631		77.895		71.681		66.374		0.000		66.374

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
JSAF Modification (JMOD) - OSIP 11-01												
A Kits												
Recurring												
1.1.1) Prior Year Install Kits - Organic	-	-	-	-	-	-	-	-	-	-	44	16.973
1.1.2) JMOD Common SP1 - Organic	-	-	-	-	-	-	-	-	-	-	6	4.826
1.1.3) JMOD Common SP3 - NonOrganic	1	2.572	-	-	-	-	-	-	-	-	9	22.952
Subtotal Recurring		2.572		0.000		0.000		0.000		0.000		44.751
NonRecurring												
1.2.1) Installation Kits N/R - Organic	-	-	-	-	-	-	-	-	-	-	-	22.465
Subtotal NonRecurring		0.000		0.000		0.000		0.000		0.000		22.465
B Kits												
Recurring												
2.1.1) Prior Year Install Equipment - Organic	-	-	-	-	-	-	-	-	-	-	75	77.299

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0537 - EP-3 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): JSAF Modification (JMOD) - OSIP 11-01 - 1

Models of Systems Affected: EP-3E	Type Modification: Operational Improvement / Modernization	Related RDT&E PEs: 0305206N
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
2.1.2) JMOD Common SP1 - Organic	-	-	-	-	-	-	-	-	-	-	6	24.990
2.1.3) JMOD Common SP3 - Organic	1	4.788	-	-	-	-	-	-	-	-	8	42.296
2.1.4) Prior Year Installation Costs - Organic	-	-	-	-	-	-	-	-	-	-	46	29.223
<i>Subtotal Recurring</i>		4.788		0.000		0.000		0.000		0.000		173.808
NonRecurring												
2.2.1) Installation Equipment N/R - Organic	-	-	-	-	-	-	-	-	-	-	-	44.091
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		44.091
<i>Total, JSAF Modification (JMOD) - OSIP 11-01</i>	2	7.360	-	-	-	-	-	-	-	-	194	285.115
<i>Total, All Modifications</i>		7.360		0.000		0.000		0.000		0.000		285.115
Support												
3.1) Engineering Change Orders	-	-	-	-	-	-	-	-	-	-	-	-
3.2) JCC Obsolescence	-	11.818	-	14.809	-	2.354	-	2.600	-	5.400	-	163.092
3.3) QRC	-	0.885	-	0.871	-	0.887	-	0.872	-	2.000	-	6.515
3.4) Data	-	0.531	-	0.500	-	-	-	-	-	-	-	13.480
3.5) Training Equipment	-	1.049	-	1.027	-	0.646	-	0.600	-	1.800	-	18.859
3.6) Support Equipment	-	-	-	-	-	-	-	-	-	-	-	15.020
3.7) ILS	-	1.600	-	1.837	-	1.000	-	1.000	-	2.000	-	33.644
3.8) Other Support	-	5.885	-	3.560	-	1.598	-	1.606	-	8.399	-	121.208
3.9) Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		21.768		22.604		6.485		6.678		19.599		371.818
<i>Procurement Cost (Procurement + Support)</i>		29.128		22.604		6.485		6.678		19.599		656.933
<i>Total Installation Cost</i>		26.868		7.350		2.900		2.900		4.500		115.660
Total Cost (Procurement + Support + Installation)		55.996		29.954		9.385		9.578		24.099		772.593

Remarks:

Manufacturer Information: JSAF Modification (JMOD) - OSIP 11-01

Manufacturer Name: Various - Spiral 3	Manufacturer Location: Various
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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0537 - EP-3 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): JSAF Modification (JMOD) - OSIP 11-01 - 1

Models of Systems Affected: EP-3E	Type Modification: Operational Improvement / Modernization	Related RDT&E PEs: 0305206N
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Manufacturer Information: JSAF Modification (JMOD) - OSIP 11-01

Administrative Leadtime (<i>in Months</i>): 3	Production Leadtime (<i>in Months</i>): 8
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Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates	Dec 2010	Dec 2011	Dec 2012	Dec 2013			
Delivery Dates	Aug 2011	Aug 2012	Aug 2013	Aug 2014			

Manufacturer Name: Various - Obsolescence ECP's	Manufacturer Location: Various
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Administrative Leadtime (<i>in Months</i>): 2	Production Leadtime (<i>in Months</i>): 2
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Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates	Dec 2010	Dec 2011	Dec 2012	Dec 2013			
Delivery Dates	Feb 2011	Feb 2012	Feb 2013	Feb 2014			

Installation: JSAF Modification (JMOD) - OSIP 11-01 **Method of Implementation:** Commercial Contractor Installation **Installation Name:** JMOD Common SP3

Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	1	9.300	2	13.500	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	3	19.968	0	0.000	3	19.968
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	1	9.300	2	13.500	3	19.968	0	0.000	3	19.968

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0537 - EP-3 Series
Models of Systems Affected: EP-3E		Type Modification: Operational Improvement / Modernization
		Related RDT&E PEs: 0305206N
		Modification Nomenclature (Modification Title, Modification Number): JSAF Modification (JMOD) - OSIP 11-01 - 1

Installation: JSAF Modification (JMOD) - OSIP 11-01	Method of Implementation: Commercial Contractor Installation	Installation Name: JMOD Common SP3
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Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
FY 2011	-	-	-	-	-	-	-	-	-	-	3	22.800
FY 2012	-	-	-	-	-	-	-	-	-	-	3	19.968
FY 2013	2	13.112	-	-	-	-	-	-	-	-	2	13.112
FY 2014	1	6.556	-	-	-	-	-	-	-	-	1	6.556
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	3	19.668	-	-	-	-	-	-	-	-	9	62.436

APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot	
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4			
In	-	-	-	-	1	-	1	1	-	-	1	1	1	-	1	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	9
Out	-	-	-	-	-	-	-	1	-	1	1	-	-	1	1	1	1	-	1	1	1	1	-	-	-	-	-	-	-	9	

Installation: JSAF Modification (JMOD) - OSIP 11-01	Method of Implementation: Navy Field Mod Team	Installation Name: JCC Obsolescence
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	0	10.900	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	0	5.324	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	0	5.950	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	0	6.200	0	0.000	0	6.200
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0537 - EP-3 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): JSAF Modification (JMOD) - OSIP 11-01 - 1

Models of Systems Affected: EP-3E	Type Modification: Operational Improvement / Modernization	Related RDT&E PEs: 0305206N
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Installation: JSAF Modification (JMOD) - OSIP 11-01	Method of Implementation: Navy Field Mod Team	Installation Name: JCC Obsolescence
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	0	10.900	0	5.324	0	5.950	0	6.200	0	0.000	0	6.200

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	0	10.900
FY 2011	-	-	-	-	-	-	-	-	-	-	0	5.324
FY 2012	-	-	-	-	-	-	-	-	-	-	0	5.950
FY 2013	-	-	-	-	-	-	-	-	-	-	0	6.200
FY 2014	0	7.200	-	-	-	-	-	-	-	-	0	7.200
FY 2015	-	-	0	7.350	-	-	-	-	-	-	0	7.350
FY 2016	-	-	-	-	0	2.900	-	-	-	-	0	2.900
FY 2017	-	-	-	-	-	-	0	2.900	-	-	0	2.900
To Complete	-	-	-	-	-	-	-	-	0	4.500	0	4.500
Total	0	7.200	0	7.350	0	2.900	0	2.900	0	4.500	0	53.224

Installation Schedule																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
Out	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0

Installation: JSAF Modification (JMOD) - OSIP 11-01	Method of Implementation: Not Installed - Prior Year Install Kits	Installation Quantity: 44
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Installation: JSAF Modification (JMOD) - OSIP 11-01	Method of Implementation: Not Installed - JMOD Common SP1	Installation Quantity: 6
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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0537 - EP-3 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): JSAF Modification (JMOD) - OSIP 11-01 - 1
Models of Systems Affected: EP-3E	Type Modification: Operational Improvement / Modernization	Related RDT&E PEs: 0305206N
Installation: JSAF Modification (JMOD) - OSIP 11-01	Method of Implementation: Not Installed - Prior Year Install Equipment	Installation Quantity: 75
Installation: JSAF Modification (JMOD) - OSIP 11-01	Method of Implementation: Not Installed - JMOD Common SP1	Installation Quantity: 6
Installation: JSAF Modification (JMOD) - OSIP 11-01	Method of Implementation: Not Installed - JMOD Common SP3	Installation Quantity: 8
Installation: JSAF Modification (JMOD) - OSIP 11-01	Method of Implementation: Not Installed - Prior Year Installation Costs	Installation Quantity: 46

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Exhibit P-3A, Individual Modification: PB 2013 Navy							Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0537 - EP-3 Series				Modification Nomenclature (Modification Title, Modification Number): EP-3E Info Operations - OSIP 14-05 - 2				
Models of Systems Affected: EP-3E			Type Modification: Operational Improvement / Modernization				Related RDT&E PEs: 0305206N					

Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	90.981	0.000	20.800	0.000	13.030	13.030	0.000	0.000	0.000	0.000	0.000	124.811
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	90.981	0.000	20.800	0.000	13.030	13.030	0.000	0.000	0.000	0.000	0.000	124.811
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	90.981	0.000	20.800	0.000	13.030	13.030	0.000	0.000	0.000	0.000	0.000	124.811

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

This program responds to the current, immediate demand for information operations capabilities on the EP-3E in the Overseas Contingency Operations (OCO) and has been funded via the Emergency Supplemental Appropriation for Defense (ESAD).

This EP-3E Information Operations program will procure the necessary modifications for EP-3E aircraft to selectively conduct offensive intelligence operations. This requirement was originally identified by COMFIFTHFLT (N3//11715332OCT02) for Operation Enduring Freedom (OEF). The requirement was further identified by CMNF - Iraq (021101ZNOV04) and endorsed by USCENTCOM (CCJ3-P//091619ZNOV4), USNAVCENT (111332ZNOV04) and CFFC (122012ZNOV04).

The AN/USQ-146 procurement follows a prototype installation of this capability that was installed to meet an urgent requirement for an Airborne Intelligence Operations capability during Operation Iraqi Freedom (OIF). Due to its great success in the operational theater, the Joint Chiefs of Staff (JCS) requested the capability to be installed on all EP-3E aircraft in the USCENTCOM theater. This program procures ten units for aircraft installation.

The AN/USQ-146 will be used to fill the emergent requirement for information operations to expedite the capability.

The FLIR effort represents the procurement and installation of emergent classified Surge requirements as directed by the Secretary of Defense in support of the Overseas Contingency Operations (OCO).

The Common Data Link (CDL) effort represents the procurement and installation of emergent classified Task Force ISR requirements as directed by the Secretary of Defense in support of the OCO.

NOTES:

- 1) FY12 OCO CDL B Kits include 2 Val/Ver Kits
- 2) 2 Val/Ver Kits are not included in CDL Installs
- 3) FY14 Vortex Installs are funded with FY13 OCO

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0537 - EP-3 Series	Modification Nomenclature <i>(Modification Title, Modification Number):</i> EP-3E Info Operations - OSIP 14-05 - 2
Models of Systems Affected: EP-3E	Type Modification: Operational Improvement / Modernization	Related RDT&E PEs: 0305206N

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Exhibit P-3A, Individual Modification: PB 2013 Navy										Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1					P-1 Line Item Nomenclature: 0537 - EP-3 Series					Modification Nomenclature (Modification Title, Modification Number): EP-3E Info Operations - OSIP 14-05 - 2			
Models of Systems Affected: EP-3E					Type Modification: Operational Improvement / Modernization					Related RDT&E PEs: 0305206N			
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
EP-3E Info Operations - OSIP 14-05													
A Kits													
Recurring													
1.1.1) AN/USQ-146 - Organic	10	0.450	-	-	-	-	-	-	-	-	-	-	
1.1.2) FLIR - Organic	16	21.022	-	-	-	-	-	-	-	-	-	-	
1.1.3) CDL - NonOrganic	-	-	-	-	6	3.000	-	-	2	1.000	2	1.000	
1.1.4) Vortex - NonOrganic	-	-	-	-	-	-	-	-	12	0.400	12	0.400	
<i>Subtotal Recurring</i>		21.472		0.000		3.000		0.000		1.400		1.400	
NonRecurring													
1.2.1) Installation Kits N/R - Organic	-	-	-	-	-	2.600	-	-	-	0.880	-	0.880	
<i>Subtotal NonRecurring</i>		0.000		0.000		2.600		0.000		0.880		0.880	
B Kits													
Recurring													
2.1.1) AN/USQ-146 - Organic	10	8.127	-	-	-	-	-	-	-	-	-	-	
2.1.2) FLIR - Organic	19	34.716	-	-	-	-	-	-	-	-	-	-	
2.1.3) CDL - Organic	-	-	-	-	8	8.000	-	-	4	4.000	4	4.000	
2.1.4) Vortex - Organic	-	-	-	-	-	-	-	-	12	3.000	12	3.000	
2.1.5) Prior Year Installation Cost - Organic	26	4.768	-	-	-	-	-	-	-	-	-	-	
<i>Subtotal Recurring</i>		47.611		0.000		8.000		0.000		7.000		7.000	
NonRecurring													
2.2.1) Install Equipment N/R - Organic	-	3.050	-	-	-	-	-	-	-	-	-	-	
<i>Subtotal NonRecurring</i>		3.050		0.000		0.000		0.000		0.000		0.000	
<i>Total, EP-3E Info Operations - OSIP 14-05</i>	81	72.133	-	-	14	13.600	-	-	30	9.280	30	9.280	
<i>Total, All Modifications</i>		72.133		0.000		13.600		0.000		9.280		9.280	
Support													
3.1) ECO	-	0.000	-	-	-	-	-	-	-	-	-	-	
3.2) Surge ECO	-	6.000	-	-	-	-	-	-	-	-	-	-	

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0537 - EP-3 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): EP-3E Info Operations - OSIP 14-05 - 2

Models of Systems Affected: EP-3E	Type Modification: Operational Improvement / Modernization	Related RDT&E PEs: 0305206N
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
3.3) Data	-	0.081	-	-	-	-	-	-	-	-	-	-
3.4) Training Equipment	-	1.386	-	-	-	0.400	-	-	-	0.100	-	0.100
3.5) Support Equipment	-	1.100	-	-	-	-	-	-	-	-	-	-
3.6) ILS	-	0.237	-	-	-	0.400	-	-	-	0.400	-	0.400
3.7) Other Support	-	10.044	-	-	-	0.400	-	-	-	0.600	-	0.600
3.8) Interim Contractor Support	-	0.000	-	-	-	-	-	-	-	-	-	-
Total Support Cost		18.848		0.000		1.200		0.000		1.100		1.100
Procurement Cost (Procurement + Support)		90.981		0.000		14.800		0.000		10.380		10.380
Total Installation Cost		0.000		0.000		6.000		0.000		2.650		2.650
Total Cost (Procurement + Support + Installation)		90.981		0.000		20.800		0.000		13.030		13.030

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
EP-3E Info Operations - OSIP 14-05												
A Kits												
Recurring												
1.1.1) AN/USQ-146 - Organic	-	-	-	-	-	-	-	-	-	-	10	0.450
1.1.2) FLIR - Organic	-	-	-	-	-	-	-	-	-	-	16	21.022
1.1.3) CDL - NonOrganic	-	-	-	-	-	-	-	-	-	-	8	4.000
1.1.4) Vortex - NonOrganic	-	-	-	-	-	-	-	-	-	-	12	0.400
Subtotal Recurring		0.000		0.000		0.000		0.000		0.000		25.872
NonRecurring												
1.2.1) Installation Kits N/R - Organic	-	-	-	-	-	-	-	-	-	-	-	3.480
Subtotal NonRecurring		0.000		0.000		0.000		0.000		0.000		3.480
B Kits												
Recurring												
2.1.1) AN/USQ-146 - Organic	-	-	-	-	-	-	-	-	-	-	10	8.127

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0537 - EP-3 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): EP-3E Info Operations - OSIP 14-05 - 2
Models of Systems Affected: EP-3E	Type Modification: Operational Improvement / Modernization	Related RDT&E PEs: 0305206N

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
2.1.2) FLIR - Organic	-	-	-	-	-	-	-	-	-	-	19	34.716
2.1.3) CDL - Organic	-	-	-	-	-	-	-	-	-	-	12	12.000
2.1.4) Vortex - Organic	-	-	-	-	-	-	-	-	-	-	12	3.000
2.1.5) Prior Year Installation Cost - Organic	-	-	-	-	-	-	-	-	-	-	26	4.768
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		62.611
NonRecurring												
2.2.1) Install Equipment N/R - Organic	-	-	-	-	-	-	-	-	-	-	-	3.050
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		3.050
<i>Total, EP-3E Info Operations - OSIP 14-05</i>	-	-	-	-	-	-	-	-	-	-	125	95.013
<i>Total, All Modifications</i>		0.000		0.000		0.000		0.000		0.000		95.013
Support												
3.1) ECO	-	-	-	-	-	-	-	-	-	-	-	-
3.2) Surge ECO	-	-	-	-	-	-	-	-	-	-	-	6.000
3.3) Data	-	-	-	-	-	-	-	-	-	-	-	0.081
3.4) Training Equipment	-	-	-	-	-	-	-	-	-	-	-	1.886
3.5) Support Equipment	-	-	-	-	-	-	-	-	-	-	-	1.100
3.6) ILS	-	-	-	-	-	-	-	-	-	-	-	1.037
3.7) Other Support	-	-	-	-	-	-	-	-	-	-	-	11.044
3.8) Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		0.000		0.000		0.000		0.000		0.000		21.148
<i>Procurement Cost (Procurement + Support)</i>		0.000		0.000		0.000		0.000		0.000		116.161
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		8.650
Total Cost (Procurement + Support + Installation)		0.000		0.000		0.000		0.000		0.000		124.811

Remarks:

Manufacturer Information: EP-3E Info Operations - OSIP 14-05	
Manufacturer Name: Various - CDL	Manufacturer Location: Various
Administrative Leadtime (in Months): 3	Production Leadtime (in Months): 6

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0537 - EP-3 Series
Models of Systems Affected: EP-3E		Modification Nomenclature (<i>Modification Title, Modification Number</i>): EP-3E Info Operations - OSIP 14-05 - 2
Type Modification: Operational Improvement / Modernization		Related RDT&E PEs: 0305206N

Manufacturer Information: EP-3E Info Operations - OSIP 14-05							
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates		Jan 2012	Jan 2013				
Delivery Dates		Jun 2012	Jun 2013				
Manufacturer Name: Various - Vortex				Manufacturer Location: Various			
Administrative Leadtime (<i>in Months</i>): 3				Production Leadtime (<i>in Months</i>): 6			
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates			Jan 2013	Jan 2014			
Delivery Dates			Jun 2013	Jun 2014			

Installation: EP-3E Info Operations - OSIP 14-05			Method of Implementation: Navy Field Mod Team				Installation Name: CDL					
Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	6	6.000	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	0	0.000	2	2.000	2	2.000
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	6	6.000	0	0.000	2	2.000	2	2.000

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	6	6.000

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0537 - EP-3 Series
Models of Systems Affected: EP-3E		Modification Nomenclature (Modification Title, Modification Number): EP-3E Info Operations - OSIP 14-05 - 2
Type Modification: Operational Improvement / Modernization		Related RDT&E PEs: 0305206N

Installation: EP-3E Info Operations - OSIP 14-05	Method of Implementation: Navy Field Mod Team	Installation Name: CDL
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Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
FY 2013	-	-	-	-	-	-	-	-	-	-	2	2.000
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	8	8.000

Installation Schedule																															
APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot	
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4			
In	-	-	-	-	-	-	3	3	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8
Out	-	-	-	-	-	-	-	-	3	3	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8

Installation: EP-3E Info Operations - OSIP 14-05	Method of Implementation: Navy Field Mod Team	Installation Name: Vortex
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	0	0.000	6	0.650	6	0.650
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	0	0.000	6	0.650	6	0.650

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0537 - EP-3 Series
Models of Systems Affected: EP-3E		Modification Nomenclature (Modification Title, Modification Number): EP-3E Info Operations - OSIP 14-05 - 2
Type Modification: Operational Improvement / Modernization		Related RDT&E PEs: 0305206N

Installation: EP-3E Info Operations - OSIP 14-05	Method of Implementation: Navy Field Mod Team	Installation Name: Vortex
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Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	6	0.000	-	-	-	-	-	-	-	-	12	0.650
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	6	0.000	-	-	-	-	-	-	-	-	12	0.650

Installation Schedule																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	-	-	-	-	-	-	2	2	2	-	2	2	2	-	-	-	-	-	-	-	-	-	-	-	12		
Out	-	-	-	-	-	-	-	-	-	-	-	-	2	2	2	-	2	2	-	-	-	-	-	-	-	-	-	-	12		

Installation: EP-3E Info Operations - OSIP 14-05	Method of Implementation: Not Installed - AN/USQ-146	Installation Quantity: 10
Installation: EP-3E Info Operations - OSIP 14-05	Method of Implementation: Not Installed - FLIR	Installation Quantity: 16
Installation: EP-3E Info Operations - OSIP 14-05	Method of Implementation: Not Installed - AN/USQ-146	Installation Quantity: 10
Installation: EP-3E Info Operations - OSIP 14-05	Method of Implementation: Not Installed - FLIR	Installation Quantity: 19
Installation: EP-3E Info Operations - OSIP 14-05	Method of Implementation: Not Installed - CDL	Installation Quantity: 12
Installation: EP-3E Info Operations - OSIP 14-05	Method of Implementation: Not Installed - Vortex	Installation Quantity: 12

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0537 - EP-3 Series	Modification Nomenclature <i>(Modification Title, Modification Number):</i> EP-3E Info Operations - OSIP 14-05 - 2
Models of Systems Affected: EP-3E	Type Modification: Operational Improvement / Modernization	Related RDT&E PEs: 0305206N
Installation: EP-3E Info Operations - OSIP 14-05	Method of Implementation: Not Installed - Prior Year Installation Cost	Installation Quantity: 26

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0537 - EP-3 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): EP-3E Recapitalization Capabilities Migration - OSIP 07-09 - 3

Models of Systems Affected: EP-3E	Type Modification: Operational Improvement / Modernization	Related RDT&E PEs: 0305206N
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	51.299	8.012	2.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	61.311
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	51.299	8.012	2.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	61.311
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	51.299	8.012	2.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	61.311

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

Funding was added in FY09-FY10 to procure OSD directed EP-3E capabilities to ensure mission relevance and capabilities recapitalization. Quick Reaction Capability (QRC) funds address mission avionics system obsolescence and emerging requirements.

DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONES:

The EP-3E sustainment ECO procurement began in FY09 and will ensure mission system viability until program recapitalization.

NOTES:

- 1) FY13 and Out has been incorporated into 11-01's OSIP
- 2) OBS quantities include various mission equipment quantities

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Exhibit P-3A, Individual Modification: PB 2013 Navy										Date: February 2012				
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1					P-1 Line Item Nomenclature: 0537 - EP-3 Series					Modification Nomenclature (<i>Modification Title, Modification Number</i>): EP-3E Recapitalization Capabilities Migration - OSIP 07-09 - 3				
Models of Systems Affected: EP-3E					Type Modification: Operational Improvement / Modernization					Related RDT&E PEs: 0305206N				
Financial Plan			Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
			<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>
Procurement														
EP-3E Recapitalization Capabilities Migration - OSIP 07-09														
B Kits														
Recurring														
2.1.1) Prior Year Installation Cost - Organic														
	-	2.224	-	-	-	-	-	-	-	-	-	-	-	
<i>Subtotal Recurring</i>														
		2.224		0.000		0.000		0.000		0.000		0.000	0.000	
<i>Total, EP-3E Recapitalization Capabilities Migration - OSIP 07-09</i>														
	-	2.224	-	-	-	-	-	-	-	-	-	-	-	
<i>Total, All Modifications</i>														
		2.224		0.000		0.000		0.000		0.000		0.000	0.000	
Support														
3.1) ECO														
	-	0.000	-	-	-	-	-	-	-	-	-	-	-	
3.2) Obsolescence														
	-	6.625	-	-	-	-	-	-	-	-	-	-	-	
3.3) QRC														
	-	0.600	-	4.500	-	1.000	-	0.000	-	0.000	-	0.000	0.000	
3.4) Data														
	-	0.907	-	-	-	-	-	-	-	-	-	-	-	
3.5) Training Equipment														
	-	36.682	-	-	-	-	-	-	-	-	-	-	-	
3.6) Support Equipment														
	-	0.000	-	-	-	-	-	-	-	-	-	-	-	
3.7) ILS														
	-	0.285	-	-	-	-	-	-	-	-	-	-	-	
3.8) Other Support														
	-	3.576	-	1.512	-	0.500	-	-	-	-	-	-	-	
3.9) Support														
	-	0.000	-	-	-	-	-	-	-	-	-	-	-	
3.10) Interim Contractor Support														
	-	0.000	-	-	-	-	-	-	-	-	-	-	-	
<i>Total Support Cost</i>														
		48.675		6.012		1.500		0.000		0.000		0.000	0.000	
<i>Procurement Cost (Procurement + Support)</i>														
		50.899		6.012		1.500		0.000		0.000		0.000	0.000	
<i>Total Installation Cost</i>														
		0.400		2.000		0.500		0.000		0.000		0.000	0.000	
Total Cost (Procurement + Support + Installation)														
		51.299		8.012		2.000		0.000		0.000		0.000	0.000	
Financial Plan			FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
			<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>
Procurement														

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0537 - EP-3 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): EP-3E Recapitalization Capabilities Migration - OSIP 07-09 - 3

Models of Systems Affected: EP-3E	Type Modification: Operational Improvement / Modernization	Related RDT&E PEs: 0305206N
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
EP-3E Recapitalization Capabilities Migration - OSIP 07-09												
B Kits												
Recurring												
2.1.1) Prior Year Installation Cost - Organic	-	-	-	-	-	-	-	-	-	-	-	2.224
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		2.224
<i>Total, EP-3E Recapitalization Capabilities Migration - OSIP 07-09</i>	-	-	-	-	-	-	-	-	-	-	-	2.224
<i>Total, All Modifications</i>		0.000		0.000		0.000		0.000		0.000		2.224
Support												
3.1) ECO	-	-	-	-	-	-	-	-	-	-	-	-
3.2) Obsolescence	-	-	-	-	-	-	-	-	-	-	-	6.625
3.3) QRC	-	0.000	-	0.000	-	0.000	-	0.000	-	0.000	-	6.100
3.4) Data	-	-	-	-	-	-	-	-	-	-	-	0.907
3.5) Training Equipment	-	-	-	-	-	-	-	-	-	-	-	36.682
3.6) Support Equipment	-	-	-	-	-	-	-	-	-	-	-	-
3.7) ILS	-	-	-	-	-	-	-	-	-	-	-	0.285
3.8) Other Support	-	-	-	-	-	-	-	-	-	-	-	5.588
3.9) Support	-	-	-	-	-	-	-	-	-	-	-	-
3.10) Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		0.000		0.000		0.000		0.000		0.000		56.187
<i>Procurement Cost (Procurement + Support)</i>		0.000		0.000		0.000		0.000		0.000		58.411
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		2.900
Total Cost (Procurement + Support + Installation)		0.000		0.000		0.000		0.000		0.000		61.311

Remarks:

Manufacturer Information: EP-3E Recapitalization Capabilities Migration - OSIP 07-09	
Manufacturer Name: Various - QRC	Manufacturer Location: Various
Administrative Leadtime (in Months): 2	Production Leadtime (in Months): 2

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0537 - EP-3 Series
Models of Systems Affected: EP-3E		Modification Nomenclature (Modification Title, Modification Number): EP-3E Recapitalization Capabilities Migration - OSIP 07-09 - 3
Type Modification: Operational Improvement / Modernization		Related RDT&E PEs: 0305206N

Manufacturer Information: EP-3E Recapitalization Capabilities Migration - OSIP 07-09							
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates	Dec 2010	Dec 2011					
Delivery Dates	Feb 2011	Feb 2012					

Installation: EP-3E Recapitalization Capabilities Migration - OSIP 07-09	Method of Implementation: [none specified]	Installation Name: QRC
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	0	0.400	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	0	2.000	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	0	0.500	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	0	0.400	0	2.000	0	0.500	-	-	-	-	-	-

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	0	0.400
FY 2011	-	-	-	-	-	-	-	-	-	-	0	2.000
FY 2012	-	-	-	-	-	-	-	-	-	-	0	0.500
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0537 - EP-3 Series
Models of Systems Affected: EP-3E		Modification Nomenclature (Modification Title, Modification Number): EP-3E Recapitalization Capabilities Migration - OSIP 07-09 - 3
Type Modification: Operational Improvement / Modernization		Related RDT&E PEs: 0305206N

Installation: EP-3E Recapitalization Capabilities Migration - OSIP 07-09	Method of Implementation: [none specified]	Installation Name: QRC
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Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	0	2.900

Installation Schedule																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
Out	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0

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Exhibit P-3A, Individual Modification: PB 2013 Navy							Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1			P-1 Line Item Nomenclature: 0537 - EP-3 Series				Modification Nomenclature (<i>Modification Title, Modification Number</i>): Inactive OSIPS - 4					
Models of Systems Affected: EP-3E			Type Modification: Operational Improvement / Modernization				Related RDT&E PEs: 0305206N					

Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	318.600	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	318.600
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	318.600	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	318.600
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	318.600	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	318.600

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0537 - EP-3 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Inactive OSIPS - 4

Models of Systems Affected: EP-3E	Type Modification: Operational Improvement / Modernization	Related RDT&E PEs: 0305206N
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
[Missing Data - No Procurement Cost Elements Entered Yet]												
B Kits												
Recurring												
[Missing Data - No Procurement Cost Elements Entered Yet]	-	-	0	0.000	-	-	-	-	-	-	-	-
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		0.000
<i>Total, [Missing Data - No Procurement Cost Elements Entered Yet]</i>	-	-	0	0.000	-	-	-	-	-	-	-	-
<i>Total, All Modifications</i>		0.000		0.000		0.000		0.000		0.000		0.000
Support												
3.1) Inactive OSIPS	-	318.600	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		318.600		0.000		0.000		0.000		0.000		0.000
<i>Procurement Cost (Procurement + Support)</i>		318.600		0.000		0.000		0.000		0.000		0.000
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		318.600		0.000		0.000		0.000		0.000		0.000

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
[Missing Data - No Procurement Cost Elements Entered Yet]												
B Kits												
Recurring												
[Missing Data - No Procurement Cost Elements Entered Yet]	-	-	-	-	-	-	-	-	-	-	0	0.000
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		0.000
<i>Total, [Missing Data - No Procurement Cost Elements Entered Yet]</i>	-	-	-	-	-	-	-	-	-	-	0	0.000
<i>Total, All Modifications</i>		0.000		0.000		0.000		0.000		0.000		0.000
Support												
3.1) Inactive OSIPS	-	-	-	-	-	-	-	-	-	-	-	318.600
<i>Total Support Cost</i>		0.000		0.000		0.000		0.000		0.000		318.600

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0537 - EP-3 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Inactive OSIPS - 4

Models of Systems Affected: EP-3E	Type Modification: Operational Improvement / Modernization	Related RDT&E PEs: 0305206N
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
<i>Procurement Cost (Procurement + Support)</i>		0.000		0.000		0.000		0.000		0.000		318.600
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		0.000		0.000		0.000		0.000		0.000		318.600

Remarks:

Manufacturer Information: [Missing Data - No Procurement Cost Elements Entered Yet]

Manufacturer Name: [Missing Data - No Procurement Cost Elements Entered Yet] Manufacturer Location: [Missing Data - No Procurement Cost Elements Entered Yet]

Administrative Leadtime (in Months): Production Leadtime (in Months):

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates							
Delivery Dates							

Installation: [Missing Data - No Procurement Cost Elements Entered Yet]	Method of Implementation: [Missing Data - No Procurement Cost Elements Entered Yet]	Installation Quantity: 0
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UNCLASSIFIED

Exhibit P-40, Budget Item Justification Sheet: PB 2013 Navy **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 1506N : Aircraft Procurement, Navy / BA 5 : Modification of Aircraft / BSA 1 : Modification Of Aircraft	P-1 Line Item Nomenclature: 0538 - P-3 Series
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ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	4,406.916	191.662	170.466	148.405	-	148.405	36.768	5.899	6.343	4.030	0.000	4,970.489
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	4,406.916	191.662	170.466	148.405	-	148.405	36.768	5.899	6.343	4.030	0.000	4,970.489
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	4,406.916	191.662	170.466	148.405	-	148.405	36.768	5.899	6.343	4.030	0.000	4,970.489

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

This line item funds modifications to P-3 aircraft. The P-3 Orion is a four turbo-prop engine, long-range maritime surveillance aircraft which performs Under Sea Warfare (USW), Surface Warfare (SUW) and Intelligence, Surveillance and Reconnaissance (ISR) in support of battle group and littoral operations in direct support of Sea Shield and Forcenet pillars of Seapower 21.

As a direct result of the 7 June 2003 Maritime Patrol and Reconnaissance (MPRA) offsite, the P-3 Sustainment Bridge was approved by the CNO. This resulted in P-3C inventory levels being reduced from 227 to 148. The foundational element of this bridge was optimizing the P-3 fleet by investing manpower, Avionics Depot Level Repairable (AVDLR) and Flying Hour Program (FHP) savings into the resulting smaller P-3 force to produce a better productive ratio of aircraft. This investment allows the P-3 force to be smaller, more ready and more capable.

A key investment area is P-3 Mod Programs. Funding for these programs support a multitude of obsolescence, structural, sustainment, training/logistics and warfighting capability upgrades that are key in keeping the P-3 platform relevant through Multi-mission Maritime Aircraft (MMA) Initial Operational Capability (IOC) of 2013 and until the projected MMA Full Operational Capability (FOC) of 2019 (and beyond for Block Mod Upgrade Program (BMUP) and EP-3 configurations). P-3 aircraft mods funded under the APN line have heavily supported recent and current Operation Enduring Freedom (OEF), Operation Iraqi Freedom (OIF) and Overseas Contingency Operations (OCO). Without key technology upgrades and aggressive obsolescence management, P-3 aircraft will be unable to meet Fleet Response Plan (FRP) requirements, leaving key Seapower 21 capabilities in support of the Combatant Commanders at risk. This P-3 Sustainment Bridge provides a roadmap ensuring sufficient P-3 assets for Fleet and Combatant Commanders to fulfill operational and training/readiness requirements.

The overall goal of the modifications budgeted in FY2012 is to continue aircraft sustainment, including: USQ-78 improvements (part of UpdatelII), comm/nav/surveillance weapon system improvements, upgrades/modifications to airframe components/systems (including outer wing replacements), safety improvements and key system obsolescence upgrades. FY11 OCO funds Full Motion Video (FMV) Metadata modification. The specific modifications budgeted and programmed are:

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Exhibit P-40, Budget Item Justification Sheet: PB 2013 Navy **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity:
 1506N : Aircraft Procurement, Navy / BA 5 : Modification of Aircraft / BSA 1 :
 Modification Of Aircraft

P-1 Line Item Nomenclature:
 0538 - P-3 Series

ID Code (A=Service Ready, B=Not Service Ready) : A **Program Elements for Code B Items:** **Other Related Program Elements:**

Item Schedule		ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
UPDT III BLK UPGRDE(OSIP 080-84) - 1	P3A		-	-	1,296.298	-	-	12.667	-	-	13.666	-	-	9.174	-	-	0.000	-	-	9.174
CRITICAL SYSTEMS IMPROVEMENTS(OSIP 053-85) - 2	P3A		-	-	38.810	-	-	0.398	-	-	0.353	-	-	0.360	-	-	0.000	-	-	0.360
ASUW IMPROV. PROG. (OSIP 029-94) - 3	P3A		-	-	1,391.778	-	-	30.557	-	-	29.305	-	-	16.500	-	-	0.000	-	-	16.500
CNS-ATM(OSIP 013-01) - 4	P3A		-	-	153.291	-	-	7.908	-	-	11.091	-	-	70.570	-	-	0.000	-	-	70.570
P-3 READINESS IMPROVEMENT(OSIP 004-04) - 5	P3A		-	-	216.940	-	-	9.423	-	-	4.442	-	-	2.670	-	-	0.000	-	-	2.670
SSI-K(OSIP 005-05) - 6	P3A		-	-	1,147.239	-	-	123.390	-	-	100.397	-	-	41.420	-	-	0.000	-	-	41.420
PROJECT K-0416(OSIP 005-07) - 7	P3A		-	-	9.376	-	-	2.079	-	-	2.053	-	-	2.160	-	-	0.000	-	-	2.160
P-3 MISSION SYSTEMS(OSIP 006-08) - 8	P3A		-	-	26.741	-	-	5.240	-	-	9.159	-	-	5.551	-	-	0.000	-	-	5.551
Inactive OSIPs - 9	P3A		-	-	125.400	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000
DAWDF REALIGNMENT - 10	P3A		-	-	1.043	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000
Total Gross/Weapon System Cost					4,406.916			191.662			170.466			148.405			-			148.405

		ID CD	FY 2014			FY 2015			FY 2016			FY 2017			To Complete			Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
UPDT III BLK UPGRDE(OSIP 080-84) - 1	P3A		-	-	2.420	-	-	0.500	-	-	0.000	-	-	0.000	-	-	0.000	-	-	1,334.725
CRITICAL SYSTEMS IMPROVEMENTS(OSIP 053-85) - 2	P3A		-	-	0.367	-	-	0.375	-	-	0.394	-	-	0.400	-	-	0.000	-	-	41.457
ASUW IMPROV. PROG. (OSIP 029-94) - 3	P3A		-	-	2.782	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	1,470.922
CNS-ATM(OSIP 013-01) - 4	P3A		-	-	0.742	-	-	0.299	-	-	0.000	-	-	0.000	-	-	0.000	-	-	243.901
P-3 READINESS IMPROVEMENT(OSIP 004-04) - 5	P3A		-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	233.475
SSI-K(OSIP 005-05) - 6	P3A		-	-	26.712	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	1,439.158
PROJECT K-0416(OSIP 005-07) - 7	P3A		-	-	2.164	-	-	1.583	-	-	1.610	-	-	2.000	-	-	0.000	-	-	23.025
P-3 MISSION SYSTEMS(OSIP 006-08) - 8	P3A		-	-	1.581	-	-	3.142	-	-	4.339	-	-	1.630	-	-	0.000	-	-	57.383

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0538 - P-3 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): UPDT III BLK UPGRDE(OSIP 080-84) - 1

Models of Systems Affected: P3C	Type Modification: Operational Improvement	Related RDT&E PEs:
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	1,296.298	12.667	13.666	9.174	0.000	9.174	2.420	0.500	0.000	0.000	0.000	1,334.725
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	1,296.298	12.667	13.666	9.174	0.000	9.174	2.420	0.500	0.000	0.000	0.000	1,334.725
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	1,296.298	12.667	13.666	9.174	0.000	9.174	2.420	0.500	0.000	0.000	0.000	1,334.725

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The Update III Block Upgrade program provides an improved P-3 anti-submarine warfare (ASW) capability required to neutralize current and emerging littoral and open ocean submarine threats in support of Sea Shield/Sea Power 21.

The program initially establishes a common configuration of AN/USQ-78(V) acoustic processors, acoustic data recorders, sonobuoy receivers, and other acoustic subsystem components for all P-3C Mission Aircraft. Follow-on program efforts continuously modernize this common acoustic subsystem baseline to address Commercial Off-The-Shelf (COTS) component obsolescence, accomplish periodic COTS technology insertions, and provide functional improvements via an Air Acoustic Rapid COTS Insertion (Air ARCI) process. These common configuration efforts and follow-on technology insertion efforts are accomplished with AN/USQ-78(V) Air ARCI upgrade funding.

FY11 thru FY17 objectives of the Update III Block Upgrade Program are to provide improved ASW capability through a series of Air ARCI Technology Insertions/Refreshes to the Acoustic Receiver, Acoustic Processor, and the Acoustic System. These Tech Insertions/Refreshes will: (1) increase digital sonobuoy monitoring capacity and improve acoustic subsystem maintainability by replacing the analog ARR-78 sonobuoy receiver with a digital Software Defined Sonobuoy Receiver (SDSR); (2) increase system openness by eliminating the analog signal conditioning and MIL-unique interface cards; (3) increase processing growth to meet emerging under-sea threats and Fleet ASW requirements for multi-static acoustic sensor processing (e.g., Extended Echo Ranging [EER] family), active acoustic sensor processing (e.g., DICASS) and passive acoustic sensor processing (e.g., ADR, DIFAR) by incrementally upgrading system memory and processing capacity with the latest commercial variants of COTS single board computers and digital signal processors; (4) provide additional on going non-recurring engineering (NRE) solutions to support continuous technology insertions/Refreshes and COTS obsolescence mitigation on a regular cycle via an ARCI Tech Refresh process to the USQ78(B) system.

The Update III Common Configuration program is based on Decision Coordinating Paper W-080-AS and the Program Management Plan #0526 serial 902D/6U324405

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES:

The original Update III variant received approval for limited production in December 1983 and December 1984. Approval for full production was received in January 1986. The basis of the currently planned common configuration is an AN/USQ-78(V) variant that received approval for full production in February 2002.

Notes:

1. The cost of "A" and "B" kits for USQ-78 are not separately priced.
2. Install unit cost dependant on number of installs accomplished by Government and Contractor install teams.

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0538 - P-3 Series	Modification Nomenclature <i>(Modification Title, Modification Number):</i> UPDT III BLK UPGRDE(OSIP 080-84) - 1
Models of Systems Affected: P3C	Type Modification: Operational Improvement	Related RDT&E PEs:
<p>3. Note: FY10 procurement deliveries for APTR will commence 1st quarter FY14. 4. Installs for APTR Retrofit Card Sets were originally planned for O-level now require Depot Level Field Mod Team. FY 10/11 kits procured on same contract action (4/11).</p>		

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Exhibit P-3A, Individual Modification: PB 2013 Navy								Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0538 - P-3 Series				Modification Nomenclature (<i>Modification Title, Modification Number</i>): UPDT III BLK UPGRDE(OSIP 080-84) - 1					
Models of Systems Affected: P3C			Type Modification: Operational Improvement					Related RDT&E PEs:					
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
UPDT III BLK UPGRDE(OSIP 080-84)													
A Kits													
Recurring													
1.1.1) Prior Year Kits - Organic													
	658	98.787	-	-	-	-	-	-	-	-	-	-	
<i>Subtotal Recurring</i>		98.787		0.000		0.000		0.000		0.000		0.000	
NonRecurring													
1.2.1) Installation Kits N/R - Organic													
	-	64.450	-	-	-	-	-	-	-	-	-	-	
<i>Subtotal NonRecurring</i>		64.450		0.000		0.000		0.000		0.000		0.000	
B Kits													
Recurring													
2.1.1) Prior Year Equipment - Organic													
	1,895	567.587	-	-	-	-	-	-	-	-	-	-	
2.1.2) DASD/DASD DOCKS - Organic													
	310	2.618	-	-	-	-	-	-	-	-	-	-	
2.1.3) USQ-78A/CHRDS - Organic													
	97	126.918	-	-	-	-	-	-	-	-	-	-	
2.1.4) USQ78 APTR Retrofit Card Sets - NonOrganic													
	54	13.289	10	2.460	-	-	-	-	-	-	-	-	
2.1.5) USQ 78 APTR Upgrade Kits - NonOrganic													
	12	9.512	-	-	-	-	-	-	-	-	-	-	
2.1.6) USQ78 ASTR Retrofit Card Sets - Organic													
	-	-	-	-	12	6.743	-	-	-	-	-	-	
2.1.7) USQ 78 Sono Receiver Upgrade - NonOrganic													
	65	45.867	-	-	-	-	-	-	-	-	-	-	
2.1.9) Inactive Prior Year Installations - Organic													
	508	39.017	-	-	-	-	-	-	-	-	-	-	
<i>Subtotal Recurring</i>		804.808		2.460		6.743		0.000		0.000		0.000	
NonRecurring													
2.2.1) Installation Equipment N/R - Organic													
	-	117.082	-	1.793	-	0.602	-	0.103	-	-	-	0.103	
<i>Subtotal NonRecurring</i>		117.082		1.793		0.602		0.103		0.000		0.103	
<i>Total, UPDT III BLK UPGRDE(OSIP 080-84)</i>		3,599	1,085.127	10	4.253	12	7.345	-	0.103	-	-	0.103	
<i>Total, All Modifications</i>			1,085.127		4.253		7.345		0.103		0.000	0.103	
Support													
3.1) ECO													
	-	3.662	-	0.100	-	0.100	-	0.346	-	-	-	0.346	
3.2) USQ-78B System Controller ECP													
	-	1.850	-	-	-	-	-	-	-	-	-	-	

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0538 - P-3 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): UPDT III BLK UPGRDE(OSIP 080-84) - 1

Models of Systems Affected: P3C	Type Modification: Operational Improvement	Related RDT&E PEs:
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
3.3) USQ-78 Sono-Receiver ECP	-	5.300	-	-	-	-	-	4.500	-	-	-	4.500
3.4) Data	-	17.154	-	0.200	-	0.200	-	0.300	-	-	-	0.300
3.5) Training Equipment	74	26.257	2	0.650	-	-	-	-	-	-	-	-
3.6) Support Equipment	-	1.608	-	-	-	-	-	-	-	-	-	-
3.7) ILS	-	3.581	-	-	-	-	-	-	-	-	-	-
3.8) Other Support	-	150.759	-	4.549	-	3.857	-	2.725	-	-	-	2.725
3.9) Interim Contractor Support	-	0.000	-	-	-	-	-	-	-	-	-	-
Total Support Cost		210.171		5.499		4.157		7.871		0.000		7.871
Procurement Cost (Procurement + Support)		1,295.298		9.752		11.502		7.974		0.000		7.974
Total Installation Cost		1.000		2.915		2.164		1.200		0.000		1.200
Total Cost (Procurement + Support + Installation)		1,296.298		12.667		13.666		9.174		0.000		9.174

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
UPDT III BLK UPGRDE(OSIP 080-84)												
A Kits												
Recurring												
1.1.1) Prior Year Kits - Organic	-	-	-	-	-	-	-	-	-	-	658	98.787
Subtotal Recurring		0.000		0.000		0.000		0.000		0.000		98.787
NonRecurring												
1.2.1) Installation Kits N/R - Organic	-	-	-	-	-	-	-	-	-	-	-	64.450
Subtotal NonRecurring		0.000		0.000		0.000		0.000		0.000		64.450
B Kits												
Recurring												
2.1.1) Prior Year Equipment - Organic	-	-	-	-	-	-	-	-	-	-	1,895	567.587
2.1.2) DASD/DASD DOCKS - Organic	-	-	-	-	-	-	-	-	-	-	310	2.618
2.1.3) USQ-78A/CHRDS - Organic	-	-	-	-	-	-	-	-	-	-	97	126.918

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Exhibit P-3A, Individual Modification: PB 2013 Navy								Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0538 - P-3 Series				Modification Nomenclature (<i>Modification Title, Modification Number</i>): UPDT III BLK UPGRDE(OSIP 080-84) - 1					
Models of Systems Affected: P3C				Type Modification: Operational Improvement				Related RDT&E PEs:					
Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
2.1.4) USQ78 APTR Retrofit Card Sets - NonOrganic	-	-	-	-	-	-	-	-	-	-	64	15.749	
2.1.5) USQ 78 APTR Upgrade Kits - NonOrganic	-	-	-	-	-	-	-	-	-	-	12	9.512	
2.1.6) USQ78 ASTR Retrofit Card Sets - Organic	-	-	-	-	-	-	-	-	-	-	12	6.743	
2.1.7) USQ 78 Sono Receiver Upgrade - NonOrganic	-	-	-	-	-	-	-	-	-	-	65	45.867	
2.1.9) Inactive Prior Year Installations - Organic	-	-	-	-	-	-	-	-	-	-	508	39.017	
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		814.011	
NonRecurring													
2.2.1) Installation Equipment N/R - Organic	-	-	-	-	-	-	-	-	-	-	-	119.580	
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		119.580	
<i>Total, UPDT III BLK UPGRDE(OSIP 080-84)</i>	-	-	-	-	-	-	-	-	-	-	3,621	1,096.828	
<i>Total, All Modifications</i>		0.000		0.000		0.000		0.000		0.000		1,096.828	
Support													
3.1) ECO	-	0.200	-	0.100	-	-	-	-	-	-	-	4.508	
3.2) USQ-78B System Controller ECP	-	-	-	-	-	-	-	-	-	-	-	1.850	
3.3) USQ-78 Sono-Receiver ECP	-	-	-	-	-	-	-	-	-	-	-	9.800	
3.4) Data	-	-	-	-	-	-	-	-	-	-	-	17.854	
3.5) Training Equipment	-	-	-	-	-	-	-	-	-	-	76	26.907	
3.6) Support Equipment	-	-	-	-	-	-	-	-	-	-	-	1.608	
3.7) ILS	-	-	-	-	-	-	-	-	-	-	-	3.581	
3.8) Other Support	-	0.870	-	0.400	-	-	-	-	-	-	-	163.160	
3.9) Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	-	
<i>Total Support Cost</i>		1.070		0.500		0.000		0.000		0.000		229.268	
<i>Procurement Cost (Procurement + Support)</i>		1.070		0.500		0.000		0.000		0.000		1,326.096	
<i>Total Installation Cost</i>		1.350		0.000		0.000		0.000		0.000		8.629	
Total Cost (Procurement + Support + Installation)		2.420		0.500		0.000		0.000		0.000		1,334.725	
Remarks:													

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0538 - P-3 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): UPDT III BLK UPGRDE(OSIP 080-84) - 1

Models of Systems Affected: P3C	Type Modification: Operational Improvement	Related RDT&E PEs:
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Manufacturer Information: UPDT III BLK UPGRDE(OSIP 080-84)							
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Manufacturer Name: Various-Update III ARTR				Manufacturer Location: Various			
Administrative Leadtime (<i>in Months</i>): 0				Production Leadtime (<i>in Months</i>): 0			

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates							
Delivery Dates							

Manufacturer Name: Various - Update III APTR				Manufacturer Location: Various			
Administrative Leadtime (<i>in Months</i>): 0				Production Leadtime (<i>in Months</i>): 0			

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates							
Delivery Dates							

Manufacturer Name: Various - Update III APTR Retrofit Card Sets				Manufacturer Location: Various			
Administrative Leadtime (<i>in Months</i>): 0				Production Leadtime (<i>in Months</i>): 0			

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates	Apr 2011						
Delivery Dates	Aug 2012						

Installation: UPDT III BLK UPGRDE(OSIP 080-84)	Method of Implementation: NADEP, JAX; MIP CONTRACT; ON-SITE CONTRACTOR FIELD MOD TEAM	Installation Name: USQ78 APTR Retrofit Card Sets
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	7	0.105	47	0.705	0	0.000	47	0.705
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0538 - P-3 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): UPDT III BLK UPGRDE(OSIP 080-84) - 1

Models of Systems Affected: P3C	Type Modification: Operational Improvement	Related RDT&E PEs:
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Installation: UPDT III BLK UPGRDE(OSIP 080-84)	Method of Implementation: NADEP, JAX; MIP CONTRACT; ON-SITE CONTRACTOR FIELD MOD TEAM	Installation Name: USQ78 APTR Retrofit Card Sets
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	7	0.105	47	0.705	0	0.000	47	0.705

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	54	0.810
FY 2011	10	0.150	-	-	-	-	-	-	-	-	10	0.150
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	10	0.150	-	-	-	-	-	-	-	-	64	0.960

Installation Schedule																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	-	-	-	-	7	13	12	12	10	3	3	2	2	-	-	-	-	-	-	-	-	-	-	-	64		
Out	-	-	-	-	-	-	-	-	7	13	12	12	10	3	3	2	2	-	-	-	-	-	-	-	-	-	-	-	64		

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0538 - P-3 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): UPDT III BLK UPRDE(OSIP 080-84) - 1

Models of Systems Affected: P3C	Type Modification: Operational Improvement	Related RDT&E PEs:
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Installation: UPDT III BLK UPRDE(OSIP 080-84)	Method of Implementation: NADEP, JAX, MIP CONTRACT, ON-SITE BY CONTRACTOR FIELD MOD TEAM	Installation Name: USQ 78 APTR Upgrade Kits
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	-	-

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	12	1.200	-	-	-	-	-	-	-	-	12	1.200
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	12	1.200	-	-	-	-	-	-	-	-	12	1.200

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0538 - P-3 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): UPDT III BLK UPGRDE(OSIP 080-84) - 1

Models of Systems Affected: P3C	Type Modification: Operational Improvement	Related RDT&E PEs:
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Installation: UPDT III BLK UPGRDE(OSIP 080-84)	Method of Implementation: NADEP, JAX, MIP CONTRACT, ON-SITE BY CONTRACTOR FIELD MOD TEAM	Installation Name: USQ 78 APTR Upgrade Kits
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Installation Schedule																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	6	4	-	-	-	-	-	-	-	-	-	-	-	-	-	12
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	6	4	-	-	-	-	-	-	-	-	-	-	-	-	-	12

Installation: UPDT III BLK UPGRDE(OSIP 080-84)	Method of Implementation: NADEP JAX, MIP CONTRACT, ON-SITE BY FIELD MOD TEAM	Installation Name: USQ 78 Sono Receiver Upgrade
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	10	1.000	25	2.915	24	2.059	6	0.495	0	0.000	6	0.495
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	10	1.000	25	2.915	24	2.059	6	0.495	0	0.000	6	0.495

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	65	6.469
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0538 - P-3 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): UPDT III BLK UPGRDE(OSIP 080-84) - 1

Models of Systems Affected: P3C	Type Modification: Operational Improvement	Related RDT&E PEs:
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Installation: UPDT III BLK UPGRDE(OSIP 080-84)	Method of Implementation: NADEP JAX, MIP CONTRACT, ON-SITE BY FIELD MOD TEAM	Installation Name: USQ 78 Sono Receiver Upgrade
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Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	65	6.469

Installation Schedule																																	
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot		
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4				
In	10	7	6	7	5	8	7	5	4	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	65
Out	10	7	6	7	5	8	7	5	4	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	65

Installation: UPDT III BLK UPGRDE(OSIP 080-84)	Method of Implementation: Not Installed - Prior Year Kits	Installation Quantity: 658
Installation: UPDT III BLK UPGRDE(OSIP 080-84)	Method of Implementation: Not Installed - Prior Year Equipment	Installation Quantity: 1895
Installation: UPDT III BLK UPGRDE(OSIP 080-84)	Method of Implementation: Not Installed - DASD/DASD DOCKS	Installation Quantity: 310
Installation: UPDT III BLK UPGRDE(OSIP 080-84)	Method of Implementation: Not Installed - USQ-78A/CHRDS	Installation Quantity: 97
Installation: UPDT III BLK UPGRDE(OSIP 080-84)	Method of Implementation: Not Installed - USQ78 ASTR Retrofit Card Sets	Installation Quantity: 12
Installation: UPDT III BLK UPGRDE(OSIP 080-84)	Method of Implementation: Not Installed - Inactive Prior Year Installations	Installation Quantity: 508
Installation: UPDT III BLK UPGRDE(OSIP 080-84)	Method of Implementation: Not Installed - Training Equipment	Installation Quantity: 76

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0538 - P-3 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): CRITICAL SYSTEMS IMPROVEMENTS(OSIP 053-85) - 2

Models of Systems Affected: P-3C P-3C	Type Modification: Readiness	Related RDT&E PEs:
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	38.810	0.398	0.353	0.360	0.000	0.360	0.367	0.375	0.394	0.400	0.000	41.457
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	38.810	0.398	0.353	0.360	0.000	0.360	0.367	0.375	0.394	0.400	0.000	41.457
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	38.810	0.398	0.353	0.360	0.000	0.360	0.367	0.375	0.394	0.400	0.000	41.457

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The purpose of this program is to provide the requisite funding to implant various minor cost effective changes to critical P-3 weapon systems. These changes are essential to the operation of the aircraft and/or its mission systems, but are not currently being addressed by an existing aircraft modification program. The changes can be either airframe, avionic, or procedures.

Following ECPs completed in Prior Years:SINGLE ARMAMENT CONTROL PANEL (SACP) ECP JAX P3-649; KAPTON WIRING REPLACEMENT MOD ECP JAX P3-610; E-J RECEIVER MOD AN/ALR-66 B(V)3 ECP LITTON 970; APS-115 FEEDBALL MODIFICATION ECP CUBIC 2509-02F3; P-3 PILOT/COPILOT/ PLANE CAPTAIN SEAT MODIFICATION FOR THE MA-16 INERTIA REEL ECP JAX P3-519; Digital Autopilot; STANDBY ATTITUDE INDICATOR (PEANUT GYRO) ECP BFGAAS ID-1481A/A-25583-48; Infra-Red (IR) Strobes ECP JAX P3-776

Active ECPs:
STANDBY ATTITUDE INDICATOR (PEANUT GYRO) ECP BFGAAS D-1481A A-25583-48: This ECP modifies the P-3C Standby Attitude Indicator (Peanut Gyro) to operate with a DC power service on AC power. This modification is planned for 148 P-3C's and 11 trainers.

Infra-Red (R) Strobes ECP JAX P3-776: FY-02 Defense Emergency Response Fund (DERF) funding for 100 R strobes for P-3 aircraft. An additional 14 R Strobe kits procured with FY 05 funds.

Future Possible Engineering Change Proposals being considered include Explosive Suppressant Foam Installation in Fuel Tanks (ECP Pax P3-518AFC-517)- This ECP provides for the installation of explosive suppressant foam in P-3C aircraft.

Lighted Turn and Slip Indicator (LIGHTED INCLINOMETER) ECP Pax CNS 001: This ECP replaces the existing P-3 Turn & Slip Indicator with a Lighted Turn & Slip Indicator for better improved cockpit awareness in reduced lighting conditions. O-level installation.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES:
The changes identified are minor and do not require approval for full production.

Notes:
1. No install schedule is depicted for Standby (Peanut) Gyro Mod Kits and trainers because they are included in EFDS installs in OSIP 13-01.

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0538 - P-3 Series	Modification Nomenclature <i>(Modification Title, Modification Number):</i> CRITICAL SYSTEMS IMPROVEMENTS(OSIP 053-85) - 2
Models of Systems Affected: P-3C P-3C	Type Modification: Readiness	Related RDT&E PEs:

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Exhibit P-3A, Individual Modification: PB 2013 Navy										Date: February 2012				
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1					P-1 Line Item Nomenclature: 0538 - P-3 Series					Modification Nomenclature (<i>Modification Title, Modification Number</i>): CRITICAL SYSTEMS IMPROVEMENTS(OSIP 053-85) - 2				
Models of Systems Affected: P-3C P-3C				Type Modification: Readiness						Related RDT&E PEs:				
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total			
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)		
Procurement														
CRITICAL SYSTEMS IMPROVEMENTS(OSIP 053-85)														
A Kits														
Recurring														
1.1.1) Infra Red (IR) Strobes - Organic	117	0.746	-	-	-	-	-	-	-	-	-	-		
1.1.2) Lighted Inclinator - Organic	142	0.438	-	-	-	-	-	-	-	-	-	-		
1.1.3) Prior Year Kits - Organic	1,138	13.838	-	-	-	-	-	-	-	-	-	-		
1.1.4) Standby (PEANUT) Gyro Mod - Organic	130	0.726	-	-	-	-	-	-	-	-	-	-		
<i>Subtotal Recurring</i>		15.748		0.000		0.000		0.000		0.000		0.000		
NonRecurring														
1.2.1) Installation Kits N/R - Organic	-	7.226	-	-	-	-	-	-	-	-	-	-		
<i>Subtotal NonRecurring</i>		7.226		0.000		0.000		0.000		0.000		0.000		
B Kits														
Recurring														
2.1.1) Infra Red (IR) Strobes - Organic	117	0.460	-	-	-	-	-	-	-	-	-	-		
2.1.2) Prior Year Equipment - Organic	9	1.559	-	-	-	-	-	-	-	-	-	-		
2.1.3) Prior Year Inactive Installations - Organic	3	4.207	-	-	-	-	-	-	-	-	-	-		
<i>Subtotal Recurring</i>		6.226		0.000		0.000		0.000		0.000		0.000		
<i>Total, CRITICAL SYSTEMS IMPROVEMENTS(OSIP 053-85)</i>	1,656	29.200	-	-	-	-	-	-	-	-	-	-		
<i>Total, All Modifications</i>		29.200		0.000		0.000		0.000		0.000		0.000		
Support														
3.1) ECO	-	-	-	0.105	-	0.106	-	0.116	-	-	-	0.116		
3.2) Data	-	2.541	-	0.160	-	0.140	-	0.146	-	-	-	0.146		
3.3) Training Equipment	11	0.364	-	-	-	-	-	-	-	-	-	-		
3.4) Support Equipment	-	0.264	-	-	-	-	-	-	-	-	-	-		
3.5) ILS	-	0.150	-	-	-	-	-	-	-	-	-	-		
3.6) Other Support	-	6.291	-	0.133	-	0.107	-	0.098	-	-	-	0.098		
3.7) Interim Contractor Support	-	0.000	-	-	-	-	-	-	-	-	-	-		

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0538 - P-3 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): CRITICAL SYSTEMS IMPROVEMENTS(OSIP 053-85) - 2

Models of Systems Affected: P-3C P-3C	Type Modification: Readiness	Related RDT&E PEs:										
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
<i>Total Support Cost</i>		9.610		0.398		0.353		0.360		0.000		0.360
<i>Procurement Cost (Procurement + Support)</i>		38.810		0.398		0.353		0.360		0.000		0.360
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		38.810		0.398		0.353		0.360		0.000		0.360

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
CRITICAL SYSTEMS IMPROVEMENTS(OSIP 053-85)												
A Kits												
Recurring												
1.1.1) Infra Red (IR) Strobes - Organic	-	-	-	-	-	-	-	-	-	-	117	0.746
1.1.2) Lighted Inclinator - Organic	-	-	-	-	-	-	-	-	-	-	142	0.438
1.1.3) Prior Year Kits - Organic	-	-	-	-	-	-	-	-	-	-	1,138	13.838
1.1.4) Standby (PEANUT) Gyro Mod - Organic	-	-	-	-	-	-	-	-	-	-	130	0.726
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		15.748
NonRecurring												
1.2.1) Installation Kits N/R - Organic	-	-	-	-	-	-	-	-	-	-	-	7.226
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		7.226
B Kits												
Recurring												
2.1.1) Infra Red (IR) Strobes - Organic	-	-	-	-	-	-	-	-	-	-	117	0.460
2.1.2) Prior Year Equipment - Organic	-	-	-	-	-	-	-	-	-	-	9	1.559
2.1.3) Prior Year Inactive Installations - Organic	-	-	-	-	-	-	-	-	-	-	3	4.207
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		6.226
<i>Total, CRITICAL SYSTEMS IMPROVEMENTS(OSIP 053-85)</i>	-	-	-	-	-	-	-	-	-	-	1,656	29.200
<i>Total, All Modifications</i>		0.000		0.000		0.000		0.000		0.000		29.200
Support												

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0538 - P-3 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): CRITICAL SYSTEMS IMPROVEMENTS(OSIP 053-85) - 2

Models of Systems Affected: P-3C P-3C	Type Modification: Readiness	Related RDT&E PEs:
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
3.1) ECO	-	0.150	-	0.158	-	0.165	-	0.165	-	-	-	0.965
3.2) Data	-	0.146	-	0.146	-	0.152	-	0.158	-	-	-	3.589
3.3) Training Equipment	-	-	-	-	-	-	-	-	-	-	11	0.364
3.4) Support Equipment	-	-	-	-	-	-	-	-	-	-	-	0.264
3.5) ILS	-	-	-	-	-	-	-	-	-	-	-	0.150
3.6) Other Support	-	0.071	-	0.071	-	0.077	-	0.077	-	-	-	6.925
3.7) Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	-
Total Support Cost		0.367		0.375		0.394		0.400		0.000		12.257
Procurement Cost (Procurement + Support)		0.367		0.375		0.394		0.400		0.000		41.457
Total Installation Cost		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		0.367		0.375		0.394		0.400		0.000		41.457

Remarks:

Manufacturer Information: CRITICAL SYSTEMS IMPROVEMENTS(OSIP 053-85)

Manufacturer Name: Manufacturer Name Not Provided. Manufacturer Location: Manufacturer Location Not Provided.

Administrative Leadtime (in Months): Production Leadtime (in Months):

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates							
Delivery Dates							

Installation: CRITICAL SYSTEMS IMPROVEMENTS(OSIP 053-85) **Method of Implementation:** Not Installed - Infra Red (IR) Strobes **Installation Quantity:** 117

Installation: CRITICAL SYSTEMS IMPROVEMENTS(OSIP 053-85) **Method of Implementation:** Not Installed - Lighted Inclinator **Installation Quantity:** 142

Installation: CRITICAL SYSTEMS IMPROVEMENTS(OSIP 053-85) **Method of Implementation:** Not Installed - Prior Year Kits **Installation Quantity:** 1138

Installation: CRITICAL SYSTEMS IMPROVEMENTS(OSIP 053-85) **Method of Implementation:** Not Installed - Standby (PEANUT) Gyro Mod **Installation Quantity:** 130

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0538 - P-3 Series	Modification Nomenclature <i>(Modification Title, Modification Number):</i> CRITICAL SYSTEMS IMPROVEMENTS(OSIP 053-85) - 2
Models of Systems Affected: P-3C P-3C	Type Modification: Readiness	Related RDT&E PEs:
Installation: CRITICAL SYSTEMS IMPROVEMENTS(OSIP 053-85)	Method of Implementation: Not Installed - Infra Red (IR) Strobes	Installation Quantity: 117
Installation: CRITICAL SYSTEMS IMPROVEMENTS(OSIP 053-85)	Method of Implementation: Not Installed - Prior Year Equipment	Installation Quantity: 9
Installation: CRITICAL SYSTEMS IMPROVEMENTS(OSIP 053-85)	Method of Implementation: Not Installed - Prior Year Inactive Installations	Installation Quantity: 3
Installation: CRITICAL SYSTEMS IMPROVEMENTS(OSIP 053-85)	Method of Implementation: Not Installed - Training Equipment	Installation Quantity: 11

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0538 - P-3 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): ASUW IMPROV. PROG.(OSIP 029-94) - 3

Models of Systems Affected: P-3C	Type Modification: Operational Improvement	Related RDT&E PEs:
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	1,391.778	30.557	29.305	16.500	0.000	16.500	2.782	0.000	0.000	0.000	0.000	1,470.922
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	1,391.778	30.557	29.305	16.500	0.000	16.500	2.782	0.000	0.000	0.000	0.000	1,470.922
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	1,391.778	30.557	29.305	16.500	0.000	16.500	2.782	0.000	0.000	0.000	0.000	1,470.922

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The Navy's Maritime Patrol and Reconnaissance Force (primarily P-3C Orion aircraft) provides three deliverables to Navy and joint commanders worldwide: Undersea warfare; Intelligence Surveillance, and Reconnaissance; and Maritime Surveillance Targeting. The ASUW Improvement Program meets the Navy's requirement to rapidly provide a significant increase in the current P-3's ability to perform Anti-Submarine Warfare (ASW), Anti-Surface Warfare (ASUW), Over-the-Horizon Targeting (OTH-T), and Command, Control, Communications, Computers, and Intelligence (C4I). The target aircraft for this modification are P-3C Update II/II.5 and Update III. This modification focuses on improving the weapon system's capability for standoff targeting and classification. Significant sensor improvements and capabilities are provided by the APS-137D (V) 5 imaging radar, the Advanced Imaging Multi-Spectral Sensor (AIMS) electro optical/infrared system, and ESM upgrades that include Specific Emitter Identification (SEI), SEI Utility Improvement, ALR-95, improved pulse processing, and DF accuracy. C4I is improved with a Demand Assigned Multiple Access (DAMA) Satcom radio suite and Multi-mission Advanced Tactical Terminal (MATT) that can receive the Officer in Tactical Command Information Exchange System (OTCIXS), and other fleet broadcasts. Additional planned Phased Capability Upgrade (PCU) improvements include the Maritime Surveillance Targeting (MST) capability as well as Tactical Common Data Link (TCDL). Survivability enhancements include the ALE-47/AAR-47 missile warning countermeasures, explosive suppressant foam, and small circular area of probability weapon system (Maverick, SLAM, SLAM-ER, and provisions to carry and launch all Mil Std 1760 Digital weapons. Additional funding in FY1995 and FY1996 was utilized to meet an urgent fleet requirement to upgrade 17 Pre-AIP aircraft with Maverick armament control kits. FY2005 Emergency Supplemental Appropriation for Defense (ESAD) funds were provided to procure and install additional TC DL systems. The P3 AIP operational requirement document (ORD) is Ser # 355-88-94. Future Engineering Change Proposals (ECPs) are anticipated for the existing systems including APS 137 radar; AIMS EO/IR; MATT; Link 16; Global Communication & Control System - Maritime (GCCS-M); Precision Targeting Workstation (PTW); OASIS; Video Distribution Controller (VDC); Tactical Mission Computer; ALR-95 ESM; DAMA Satcom; MST; TC DL; Recorders including the High Resolution Digital Recorder; ALE47/AAR47; Digital Stores Management System (DSMS); all weapon systems including missiles, torpedoes, mines, as well as acoustic system upgrades. The ASW Maritime Improvement Program (AMIP) will provide for Mission System Sustainment, ASW improvements and improved C4I systems including INMARSAT/Integrated Tactical Picture (ITP), and High Frequency Internet Protocol (HFIP), FY11 OCO provided funds for Full Motion Video (FMV) Metadata.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES:

This modification makes maximum use of previously developed subsystems.

Notes:

1. The cost of "A" and "B" kits for all kits (except TC DL) not separately priced.
2. AIP prior year TC DL kits funded with Congressional Add and ESAD funds.
3. Phased Capability Upgrade (MST) prior year kits include two (2) lab assets.
4. FMV Metadata kits installed in FY12 and FY13 with FY11 OCO funds.

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0538 - P-3 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): ASUW IMPROV. PROG.(OSIP 029-94) - 3

Models of Systems Affected: P-3C	Type Modification: Operational Improvement	Related RDT&E PEs:
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
ASUW IMPROV. PROG.(OSIP 029-94)												
A Kits												
Recurring												
1.1.1) Prior Year Kits - Organic	88	384.320	-	-	-	-	-	-	-	-	-	-
1.1.2) TCDL A-KIT - Organic	25	0.827	-	-	-	-	-	-	-	-	-	-
1.1.3) Digital Stores Management System - Organic	2	0.398	-	-	-	-	-	-	-	-	-	-
Subtotal Recurring		385.545		0.000		0.000		0.000		0.000		0.000
NonRecurring												
1.2.1) Installation Kits N/R - Organic	-	42.079	-	-	-	-	-	-	-	-	-	-
Subtotal NonRecurring		42.079		0.000		0.000		0.000		0.000		0.000
B Kits												
Recurring												
2.1.1) BMUP ASE FOAM KITS - Organic	4	0.175	-	-	-	-	-	-	-	-	-	-
2.1.2) C4 FOR ASW LINK-16 - NonOrganic	21	12.194	8	5.000	18	11.430	8	5.183	-	-	8	5.183
2.1.3) C4 FOR ASW (INMARSAT/ITP) - Organic	21	14.537	8	4.257	18	10.066	8	4.738	-	-	8	4.738
2.1.4) Digital Stores Management System - Organic	2	0.652	-	-	-	-	-	-	-	-	-	-
2.1.5) GFE Sensors and Avionics - Organic	-	287.039	-	-	-	-	-	-	-	-	-	-
2.1.6) High Resolution Digital Recorder - Organic	-	0.800	-	-	-	-	-	-	-	-	-	-
2.1.7) HFIP - NonOrganic	26	1.898	8	0.880	12	1.310	-	-	-	-	-	-
2.1.8) PHASED CAPABILITY UPGRADE (MST) - Organic	74	45.663	-	-	-	-	-	-	-	-	-	-
2.1.9) Prior Year Equipment - Organic	-	9.516	-	-	-	-	-	-	-	-	-	-
2.1.10) TCDL B-KIT - Organic	26	10.773	-	-	-	-	-	-	-	-	-	-
2.1.11) Full Motion Video (FMV) Metadata (OCO) - NonOrganic	-	-	30	3.900	-	-	-	-	-	-	-	-
2.1.12) Prior Year Inactive Installations - Organic	217	138.443	-	-	-	-	-	-	-	-	-	-
Subtotal Recurring		521.690		14.037		22.806		9.921		0.000		9.921
NonRecurring												
2.2.1) Install Equipment N/R - Organic	-	100.826	-	0.439	-	0.020	-	-	-	-	-	-

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0538 - P-3 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): ASUW IMPROV. PROG.(OSIP 029-94) - 3

Models of Systems Affected: P-3C	Type Modification: Operational Improvement	Related RDT&E PEs:
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
2.2.2) Install Equipment N/R (FMV OCO) - Organic	-	-	-	1.000	-	-	-	-	-	-	-	-
<i>Subtotal NonRecurring</i>		100.826		1.439		0.020		0.000		0.000		0.000
<i>Total, ASUW IMPROV. PROG.(OSIP 029-94)</i>	506	1,050.140	54	15.476	48	22.826	16	9.921	-	-	16	9.921
<i>Total, All Modifications</i>		1,050.140		15.476		22.826		9.921		0.000		9.921
Support												
3.1) ALR-95 Upgrades ECO	-	0.300	-	-	-	-	-	-	-	-	-	-
3.2) Digital Stores Management System ECO	-	11.934	-	-	-	-	-	-	-	-	-	-
3.3) SLAM-ER ECO	-	23.804	-	-	-	-	-	-	-	-	-	-
3.4) C4 FOR ASW ECO	-	-	-	0.469	-	0.100	-	0.100	-	-	-	0.100
3.5) Data	-	18.319	-	0.258	-	0.200	-	0.049	-	-	-	0.049
3.6) Training Equipment	-	82.830	-	1.238	-	-	-	-	-	-	-	-
3.7) Support Equipment	-	14.467	-	-	-	-	-	-	-	-	-	-
3.8) ILS	-	16.579	-	0.349	-	0.200	-	0.200	-	-	-	0.200
3.9) ILS (FMV OCO)	-	-	-	0.200	-	-	-	-	-	-	-	-
3.10) Other Support	-	172.976	-	7.446	-	2.599	-	1.480	-	-	-	1.480
3.11) Other Support (FMV OCO)	-	-	-	0.300	-	-	-	-	-	-	-	-
3.12) Interim Contractor Support	-	0.000	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		341.209		10.260		3.099		1.829		0.000		1.829
<i>Procurement Cost (Procurement + Support)</i>		1,391.349		25.736		25.925		11.750		0.000		11.750
<i>Total Installation Cost</i>		0.429		4.821		3.380		4.750		0.000		4.750
Total Cost (Procurement + Support + Installation)		1,391.778		30.557		29.305		16.500		0.000		16.500

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
ASUW IMPROV. PROG.(OSIP 029-94)												
A Kits												
Recurring												

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Exhibit P-3A, Individual Modification: PB 2013 Navy									Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0538 - P-3 Series					Modification Nomenclature (<i>Modification Title, Modification Number</i>): ASUW IMPROV. PROG.(OSIP 029-94) - 3			
Models of Systems Affected: P-3C			Type Modification: Operational Improvement					Related RDT&E PEs:				
Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
1.1.1) Prior Year Kits - Organic	-	-	-	-	-	-	-	-	-	-	88	384.320
1.1.2) TCDL A-KIT - Organic	-	-	-	-	-	-	-	-	-	-	25	0.827
1.1.3) Digital Stores Management System - Organic	-	-	-	-	-	-	-	-	-	-	2	0.398
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		385.545
NonRecurring												
1.2.1) Installation Kits N/R - Organic	-	-	-	-	-	-	-	-	-	-	-	42.079
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		42.079
B Kits												
Recurring												
2.1.1) BMUP ASE FOAM KITS - Organic	-	-	-	-	-	-	-	-	-	-	4	0.175
2.1.2) C4 FOR ASW LINK-16 - NonOrganic	-	-	-	-	-	-	-	-	-	-	55	33.807
2.1.3) C4 FOR ASW (INMARSAT/ITP) - Organic	-	-	-	-	-	-	-	-	-	-	55	33.598
2.1.4) Digital Stores Management System - Organic	-	-	-	-	-	-	-	-	-	-	2	0.652
2.1.5) GFE Sensors and Avionics - Organic	-	-	-	-	-	-	-	-	-	-	-	287.039
2.1.6) High Resolution Digital Recorder - Organic	-	-	-	-	-	-	-	-	-	-	-	0.800
2.1.7) HFIP - NonOrganic	-	-	-	-	-	-	-	-	-	-	46	4.088
2.1.8) PHASED CAPABILITY UPGRADE (MST) - Organic	-	-	-	-	-	-	-	-	-	-	74	45.663
2.1.9) Prior Year Equipment - Organic	-	-	-	-	-	-	-	-	-	-	-	9.516
2.1.10) TCDL B-KIT - Organic	-	-	-	-	-	-	-	-	-	-	26	10.773
2.1.11) Full Motion Video (FMV) Metadata (OCO) - NonOrganic	-	-	-	-	-	-	-	-	-	-	30	3.900
2.1.12) Prior Year Inactive Installations - Organic	-	-	-	-	-	-	-	-	-	-	217	138.443
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		568.454
NonRecurring												
2.2.1) Install Equipment N/R - Organic	-	-	-	-	-	-	-	-	-	-	-	101.285
2.2.2) Install Equipment N/R (FMV OCO) - Organic	-	-	-	-	-	-	-	-	-	-	-	1.000
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		102.285
<i>Total, ASUW IMPROV. PROG.(OSIP 029-94)</i>	-	-	-	-	-	-	-	-	-	-	624	1,098.363
<i>Total, All Modifications</i>		0.000		0.000		0.000		0.000		0.000		1,098.363

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0538 - P-3 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): ASUW IMPROV. PROG.(OSIP 029-94) - 3

Models of Systems Affected: P-3C	Type Modification: Operational Improvement	Related RDT&E PEs:
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Support												
3.1) ALR-95 Upgrades ECO	-	-	-	-	-	-	-	-	-	-	-	0.300
3.2) Digital Stores Management System ECO	-	-	-	-	-	-	-	-	-	-	-	11.934
3.3) SLAM-ER ECO	-	-	-	-	-	-	-	-	-	-	-	23.804
3.4) C4 FOR ASW ECO	-	-	-	-	-	-	-	-	-	-	-	0.669
3.5) Data	-	-	-	-	-	-	-	-	-	-	-	18.826
3.6) Training Equipment	-	-	-	-	-	-	-	-	-	-	-	84.068
3.7) Support Equipment	-	-	-	-	-	-	-	-	-	-	-	14.467
3.8) ILS	-	0.200	-	-	-	-	-	-	-	-	-	17.528
3.9) ILS (FMV OCO)	-	-	-	-	-	-	-	-	-	-	-	0.200
3.10) Other Support	-	0.629	-	-	-	-	-	-	-	-	-	185.130
3.11) Other Support (FMV OCO)	-	-	-	-	-	-	-	-	-	-	-	0.300
3.12) Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	-
Total Support Cost		0.829		0.000		0.000		0.000		0.000		357.226
Procurement Cost (Procurement + Support)		0.829		0.000		0.000		0.000		0.000		1,455.589
Total Installation Cost		1.953		0.000		0.000		0.000		0.000		15.333
Total Cost (Procurement + Support + Installation)		2.782		0.000		0.000		0.000		0.000		1,470.922

Remarks:

Manufacturer Information: ASUW IMPROV. PROG.(OSIP 029-94)

Manufacturer Name: Various - AIP C4 for ASW	Manufacturer Location: Various
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Administrative Leadtime (in Months): 1	Production Leadtime (in Months): 11
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Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates	Nov 2010	Nov 2011	Nov 2012				
Delivery Dates	Oct 2011	Oct 2012	Oct 2013				

Manufacturer Name: Various - AIP HF-IP	Manufacturer Location: Various
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Administrative Leadtime (in Months): 0	Production Leadtime (in Months): 0
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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0538 - P-3 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): ASUW IMPROV. PROG.(OSIP 029-94) - 3

Models of Systems Affected: P-3C	Type Modification: Operational Improvement	Related RDT&E PEs:
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Manufacturer Information: ASUW IMPROV. PROG.(OSIP 029-94)

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates	Mar 2011	Feb 2012					
Delivery Dates	Mar 2012	Feb 2013					

Manufacturer Name: Various - AIP FMV Metadata	Manufacturer Location: Various
Administrative Leadtime (<i>in Months</i>): 0	Production Leadtime (<i>in Months</i>): 0

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates	Sep 2011						
Delivery Dates	Apr 2012						

Installation: ASUW IMPROV. PROG.(OSIP 029-94)	Method of Implementation: [none specified]	Installation Name: C4 FOR ASW LINK-16
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	3	0.429	13	2.621	5	0.775	-	-	-	-	-	-
FY 2011	-	-	-	-	8	1.240	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	18	2.880	0	0.000	18	2.880
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	3	0.429	13	2.621	13	2.015	18	2.880	0	0.000	18	2.880

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	21	3.825
FY 2011	-	-	-	-	-	-	-	-	-	-	8	1.240
FY 2012	-	-	-	-	-	-	-	-	-	-	18	2.880

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0538 - P-3 Series
		Modification Nomenclature (<i>Modification Title, Modification Number</i>): ASUW IMPROV. PROG.(OSIP 029-94) - 3

Models of Systems Affected: P-3C	Type Modification: Operational Improvement	Related RDT&E PEs:
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Installation: ASUW IMPROV. PROG.(OSIP 029-94)	Method of Implementation: [none specified]	Installation Name: C4 FOR ASW LINK-16
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Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
FY 2013	8	1.953	-	-	-	-	-	-	-	-	8	1.953
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	8	1.953	-	-	-	-	-	-	-	-	55	9.898

Installation Schedule

	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot		
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4				
In	3	3	3	3	4	4	3	3	3	4	5	5	4	3	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	55
Out	-	3	3	3	3	4	4	3	3	7	4	5	5	-	3	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	55

Installation: ASUW IMPROV. PROG.(OSIP 029-94)	Method of Implementation: Contractor Field Mod Team	Installation Name: HFIP
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	16	1.600	10	1.050	-	-	-	-	-	-
FY 2011	-	-	-	-	3	0.315	5	0.550	0	0.000	5	0.550
FY 2012	-	-	-	-	-	-	12	1.320	0	0.000	12	1.320
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	16	1.600	13	1.365	17	1.870	0	0.000	17	1.870

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0538 - P-3 Series
Modification Nomenclature (Modification Title, Modification Number): ASUW IMPROV. PROG.(OSIP 029-94) - 3		

Models of Systems Affected: P-3C	Type Modification: Operational Improvement	Related RDT&E PEs:
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Installation: ASUW IMPROV. PROG.(OSIP 029-94)	Method of Implementation: Contractor Field Mod Team	Installation Name: HFIP
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Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	26	2.650
FY 2011	-	-	-	-	-	-	-	-	-	-	8	0.865
FY 2012	-	-	-	-	-	-	-	-	-	-	12	1.320
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	46	4.835

Installation Schedule																																
APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot		
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4				
In	-	4	4	4	4	4	4	3	2	4	5	5	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	46
Out	-	-	4	4	4	4	4	4	3	2	4	5	5	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	46

Installation: ASUW IMPROV. PROG.(OSIP 029-94)	Method of Implementation: Contractor Field Mod Team	Installation Name: Full Motion Video (FMV) Metadata (OCO)
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	0	0.600	15	0.000	0	0.000	15	0.000	15	0.000
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0538 - P-3 Series	Modification Nomenclature (Modification Title, Modification Number): ASUW IMPROV. PROG.(OSIP 029-94) - 3

Models of Systems Affected: P-3C	Type Modification: Operational Improvement	Related RDT&E PEs:
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Installation: ASUW IMPROV. PROG.(OSIP 029-94)	Method of Implementation: Contractor Field Mod Team	Installation Name: Full Motion Video (FMV) Metadata (OCO)
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	0	0.600	15	0.000	0	0.000	15	0.000	15	0.000

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	30	0.600
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	30	0.600

Installation Schedule																															
APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot	
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4			
In	-	-	-	-	-	-	-	7	8	7	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	30
Out	-	-	-	-	-	-	-	7	8	7	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	30

Installation: ASUW IMPROV. PROG.(OSIP 029-94)	Method of Implementation: Not Installed - Prior Year Kits	Installation Quantity: 88
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Installation: ASUW IMPROV. PROG.(OSIP 029-94)	Method of Implementation: Not Installed - TCDL A-KIT	Installation Quantity: 25
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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0538 - P-3 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): ASUW IMPROV. PROG.(OSIP 029-94) - 3
Models of Systems Affected: P-3C	Type Modification: Operational Improvement	Related RDT&E PEs:
Installation: ASUW IMPROV. PROG.(OSIP 029-94)	Method of Implementation: Not Installed - Digital Stores Management System	Installation Quantity: 2
Installation: ASUW IMPROV. PROG.(OSIP 029-94)	Method of Implementation: Not Installed - BMUP ASE FOAM KITS	Installation Quantity: 4
Installation: ASUW IMPROV. PROG.(OSIP 029-94)	Method of Implementation: Not Installed - C4 FOR ASW (INMARSAT/ITP)	Installation Quantity: 55
Installation: ASUW IMPROV. PROG.(OSIP 029-94)	Method of Implementation: Not Installed - Digital Stores Management System	Installation Quantity: 2
Installation: ASUW IMPROV. PROG.(OSIP 029-94)	Method of Implementation: Not Installed - PHASED CAPABILITY UPGRADE (MST)	Installation Quantity: 74
Installation: ASUW IMPROV. PROG.(OSIP 029-94)	Method of Implementation: Not Installed - TCDL B-KIT	Installation Quantity: 26
Installation: ASUW IMPROV. PROG.(OSIP 029-94)	Method of Implementation: Not Installed - Prior Year Inactive Installations	Installation Quantity: 217

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0538 - P-3 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): CNS-ATM(OSIP 013-01) - 4

Models of Systems Affected: P-3C/EP-3	Type Modification: Operational Improvement/Safety	Related RDT&E PEs:
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	153.291	7.908	11.091	70.570	0.000	70.570	0.742	0.299	0.000	0.000	0.000	243.901
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	153.291	7.908	11.091	70.570	0.000	70.570	0.742	0.299	0.000	0.000	0.000	243.901
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	153.291	7.908	11.091	70.570	0.000	70.570	0.742	0.299	0.000	0.000	0.000	243.901

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

P-3C aircraft have a requirement for a Communications, Navigation and Surveillance/ Air Traffic Management (CNS/ATM) upgrades to meet expanding CNS/ATM requirements and ensure global access to commercial airspace. The CNS/ATM requirements consist of various avionics systems upgrades/replacements which currently include; VHF radio with 8.33 kHz channel spacing, IFF (Mode S and Mode 5), protected ILS/VOR with FM Immunity, and an upgraded GPS to provide increased navigation accuracy (RNP5, BRNAV, RVSM) with the capability to be upgraded to meet Automatic Dependent Surveillance Broadcast (ADS-B), Next Generation Communications (NEXCOM), Joint Precision Approach and Landing System (JPALS), Precision Area Navigation (PRNAV), Navigation Warfare (NAVWAR) and Joint Tactical Radio System (JTRS) requirements. Successful integration of any or all of these capabilities, and any future Federal Aviation Administration (FAA) or International Civil Aviation Organization (ICAO) mandates, requires an Flight Management System (FMS) which provides for growth and interface flexibility.

This OSIP provides non-recurring engineering for the development of the CNS/ATM architecture for the P-3 aircraft which includes a FMS/CDU, digital air data computer (DADC) and an Electronic Flight Display Systems (EFDS). This modification program provides CNS/ATM upgrades for 125 P-3C aircraft and 12 EP-3 aircraft. Radar Navigation (RNAV)/ MODE S Kit (JAX ECP P3-828) includes FMS/CDU 7000, Digital Air Data Computer, APX-118 (IFF/MODE S) and RINU-G. EFDS (JAX ECP P3-491), MMR (JAX ECP P3-826 & ARC-210 (8.33KHz) (Jax ECP P3-827) are Stand-Alone ECPs that will be installed separately or in conjunction with RNAV/Mode S ECP. Joint Mission Planning System (JMPS) Unique Planning Component (UPC) is required to replace the flight and mission planning elements (Flight Planning, ASW Mission Planning, SLAM-ER planning) that presently reside in TAMPS, which will be replaced by JMPS. The JUMPS UPC will reside on laptop computers to be procured for 97 aircraft (72 AIP/25 BMUP). There is no kit or install associated with this effort. FY13 funds Traffic Collision Avoidance System (TCAS) in all variants of P-3 (60 AIP/19 BMUP/12 EP-3) and will be installed separately or in conjunction with RNAV Mode S. CPRG FRP approved

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES:

Acquisition Strategy approved 21 Nov 03/ACAT IVM. Preliminary Design Review for RNAV Mode S completed 16 Jun 04. Began transition of ARC-210 (8.33kHz) Radio and MLR-2020 (P-ILS) from Roll-On/ Roll-Off to permanent installation in FY-05 (PMA-209 funded). Milestone C/ Full Rate Production approved on 23 August 2006.

Notes:

1. EFDS funded under GSP OSIP 28-92.
2. APX-118 and RING-U funding in FY04 is for TKIs
3. Beginning in FY-04, PMA-209 funded NRE, equipment and installs for ARC-210 VHF radio, APX-118, MLR-2020 and RINU-G.
4. RNAV Mode-S P-3C Prototype NRE, prototype kit and prototype installation funded in FY02 with Congressional Plus-Up.
5. RNAV Mode-S Installs include trainers.
6. RNAV MODE S installs begin in FY05 and consist of FMS/CDU 7000, Digital Air Data Computer (DADC/ADDU), CXP and RINU-G. CXP & RINU-G Funded by PMA-209.

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0538 - P-3 Series	Modification Nomenclature <i>(Modification Title, Modification Number):</i> CNS-ATM(OSIP 013-01) - 4
Models of Systems Affected: P-3C/EP-3	Type Modification: Operational Improvement/Safety	Related RDT&E PEs:
<p>7. Final RNAV Mode S Quantity reduced due to planned A/C retirements. Final Quantity of 139 equals 121 active P-3Cs, 16 EP-3 and 2 P-3Cs that received RNAV Mode S that have or will be struck.</p> <p>8. 60 Prior year EFDS funded kits under GPS OSIP 29-92</p> <p>9. EFDS Installs include trainers.</p> <p>10 Final EFDS Quantity of 149 equals 123 active P-3Cs, 16 EP-3 and 10 P-3Cs that received EFDS that have been or will be struck.</p> <p>11. FY13 TCAS initially funded with OCO.</p> <p>12. \$66.3M of TCAS budgeted in FY13 was originally an OCO funded request. The funding request fully funds the effort through installation. Based on the nature of this request, the effort is still fully funded in FY13 baseline with installations and support through FY14.</p>		

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Exhibit P-3A, Individual Modification: PB 2013 Navy										Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0538 - P-3 Series						Modification Nomenclature (<i>Modification Title, Modification Number</i>): CNS-ATM(OSIP 013-01) - 4			
Models of Systems Affected: P-3C/EP-3				Type Modification: Operational Improvement/Safety				Related RDT&E PEs:					
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
CNS-ATM(OSIP 013-01)													
A Kits													
Recurring													
1.1.1) 5VAC RED LIGHTING BUS - NonOrganic	132	0.191	-	-	-	-	-	-	-	-	-	-	
1.1.2) 8.33KHZ VHF RADIO - Organic	28	0.056	-	-	-	-	-	-	-	-	-	-	
1.1.3) ARC-197/210 KIT - Organic	28	0.453	-	-	-	-	-	-	-	-	-	-	
1.1.4) EFDS - NonOrganic	147	9.253	-	-	2	0.240	-	-	-	-	-	-	
1.1.5) TCAS - Organic	-	-	-	-	-	-	86	7.261	-	-	86	7.261	
1.1.6) MLR-2020 (P-ILS) - Organic	75	0.310	-	-	-	-	-	-	-	-	-	-	
1.1.7) MLR -2020 (Permanent) - Organic	20	0.138	-	-	-	-	-	-	-	-	-	-	
1.1.8) RNAV/MODE S - NonOrganic	118	11.722	-	-	18	1.428	2	0.169	-	-	2	0.169	
<i>Subtotal Recurring</i>		22.123		0.000		1.668		7.430		0.000		7.430	
NonRecurring													
1.2.1) Installation Kits N/R - Organic	-	11.093	-	-	-	-	-	4.697	-	-	-	4.697	
<i>Subtotal NonRecurring</i>		11.093		0.000		0.000		4.697		0.000		4.697	
B Kits													
Recurring													
2.1.1) 8.33 khz (ARC-210) - Organic	54	1.758	-	-	-	-	-	-	-	-	-	-	
2.1.2) APX-118 (IFF/MODE S) - Organic	5	0.137	-	-	-	-	-	-	-	-	-	-	
2.1.3) Digital ADC - Organic	262	6.860	-	-	36	1.002	4	0.115	-	-	4	0.115	
2.1.4) EFDS - Organic	164	13.499	-	-	2	0.337	-	-	-	-	-	-	
2.1.5) FMS/CDU 7000 (3 per A/C) - Organic	384	17.680	-	-	54	2.718	6	0.322	-	-	6	0.322	
2.1.6) JUMPS UPC - Organic	189	0.770	-	-	-	-	-	-	-	-	-	-	
2.1.7) MLR-2020 (P-ILS) (2 PER A/C) - Organic	148	6.104	-	-	-	-	-	-	-	-	-	-	
2.1.8) MLR-2020A-1 Upgrades - Organic	40	0.167	-	-	-	-	-	-	-	-	-	-	
2.1.9) RINU-G (RNP 4/5) (2 PER A/C) - Organic	8	0.111	-	-	-	-	-	-	-	-	-	-	
2.1.10) TCAS - NonOrganic	-	-	-	-	-	-	86	11.977	-	-	86	11.977	
2.1.11) Prior Year Inactive Installations - Organic	69	0.201	-	-	-	-	-	-	-	-	-	-	

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Exhibit P-3A, Individual Modification: PB 2013 Navy										Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0538 - P-3 Series						Modification Nomenclature (<i>Modification Title, Modification Number</i>): CNS-ATM(OSIP 013-01) - 4			
Models of Systems Affected: P-3C/EP-3				Type Modification: Operational Improvement/Safety				Related RDT&E PEs:					
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
<i>Subtotal Recurring</i>		47.287		0.000		4.057		12.414		0.000		12.414	
NonRecurring													
2.2.1) Installation Equipment N/R - Organic	-	14.359	-	1.016	-	-	-	-	-	-	-	-	
<i>Subtotal NonRecurring</i>		14.359		1.016		0.000		0.000		0.000		0.000	
<i>Total, CNS-ATM(OSIP 013-01)</i>	1,871	94.862	-	1.016	112	5.725	184	24.541	-	-	184	24.541	
<i>Total, All Modifications</i>		94.862		1.016		5.725		24.541		0.000		24.541	
Support													
3.1) ADDU MOD FOR OP TRAINERS ECO	18	0.093	-	-	-	-	-	-	-	-	-	-	
3.2) CDU 7000 SERVICE BULLETINS ECO	-	0.052	-	-	-	-	-	-	-	-	-	-	
3.3) JUMPS SOFTWARE ECO	-	0.056	-	0.560	-	0.519	-	-	-	-	-	-	
3.4) TCAS ECO	-	-	-	-	-	-	-	1.954	-	-	-	1.954	
3.5) ECO	-	-	-	-	-	-	-	-	-	-	-	-	
3.6) Data	-	3.591	-	-	-	0.536	-	2.432	-	-	-	2.432	
3.7) Training Equipment	22	1.595	-	0.075	-	-	-	5.939	-	-	-	5.939	
3.8) Support Equipment	-	0.055	-	-	-	-	-	-	-	-	-	-	
3.9) ILS	-	3.490	-	0.360	-	0.360	-	6.850	-	-	-	6.850	
3.10) Other Support	-	23.288	-	2.041	-	0.999	-	4.088	-	-	-	4.088	
3.11) Interim Contractor Support	-	0.000	-	-	-	-	-	-	-	-	-	-	
<i>Total Support Cost</i>		32.220		3.036		2.414		21.263		0.000		21.263	
<i>Procurement Cost (Procurement + Support)</i>		127.082		4.052		8.139		45.804		0.000		45.804	
<i>Total Installation Cost</i>		26.209		3.856		2.952		24.766		0.000		24.766	
Total Cost (Procurement + Support + Installation)		153.291		7.908		11.091		70.570		0.000		70.570	
Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
CNS-ATM(OSIP 013-01)													
A Kits													
Recurring													

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Exhibit P-3A, Individual Modification: PB 2013 Navy								Date: February 2012				
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0538 - P-3 Series				Modification Nomenclature (<i>Modification Title, Modification Number</i>): CNS-ATM(OSIP 013-01) - 4				
Models of Systems Affected: P-3C/EP-3			Type Modification: Operational Improvement/Safety				Related RDT&E PEs:					
Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
1.1.1) 5VAC RED LIGHTING BUS - NonOrganic	-	-	-	-	-	-	-	-	-	-	132	0.191
1.1.2) 8.33KHZ VHF RADIO - Organic	-	-	-	-	-	-	-	-	-	-	28	0.056
1.1.3) ARC-197/210 KIT - Organic	-	-	-	-	-	-	-	-	-	-	28	0.453
1.1.4) EFDS - NonOrganic	-	-	-	-	-	-	-	-	-	-	149	9.493
1.1.5) TCAS - Organic	-	-	-	-	-	-	-	-	-	-	86	7.261
1.1.6) MLR-2020 (P-ILS) - Organic	-	-	-	-	-	-	-	-	-	-	75	0.310
1.1.7) MLR -2020 (Permanent) - Organic	-	-	-	-	-	-	-	-	-	-	20	0.138
1.1.8) RNAV/MODE S - NonOrganic	-	-	-	-	-	-	-	-	-	-	138	13.319
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		31.221
NonRecurring												
1.2.1) Installation Kits N/R - Organic	-	-	-	-	-	-	-	-	-	-	-	15.790
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		15.790
B Kits												
Recurring												
2.1.1) 8.33 khz (ARC-210) - Organic	-	-	-	-	-	-	-	-	-	-	54	1.758
2.1.2) APX-118 (IFF/MODE S) - Organic	-	-	-	-	-	-	-	-	-	-	5	0.137
2.1.3) Digital ADC - Organic	-	-	-	-	-	-	-	-	-	-	302	7.977
2.1.4) EFDS - Organic	-	-	-	-	-	-	-	-	-	-	166	13.836
2.1.5) FMS/CDU 7000 (3 per A/C) - Organic	-	-	-	-	-	-	-	-	-	-	444	20.720
2.1.6) JUMPS UPC - Organic	-	-	-	-	-	-	-	-	-	-	189	0.770
2.1.7) MLR-2020 (P-ILS) (2 PER A/C) - Organic	-	-	-	-	-	-	-	-	-	-	148	6.104
2.1.8) MLR-2020A-1 Upgrades - Organic	-	-	-	-	-	-	-	-	-	-	40	0.167
2.1.9) RINU-G (RNP 4/5) (2 PER A/C) - Organic	-	-	-	-	-	-	-	-	-	-	8	0.111
2.1.10) TCAS - NonOrganic	-	-	-	-	-	-	-	-	-	-	86	11.977
2.1.11) Prior Year Inactive Installations - Organic	-	-	-	-	-	-	-	-	-	-	69	0.201
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		63.758
NonRecurring												
2.2.1) Installation Equipment N/R - Organic	-	-	-	-	-	-	-	-	-	-	-	15.375
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		15.375

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy									Date: February 2012				
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0538 - P-3 Series					Modification Nomenclature (<i>Modification Title, Modification Number</i>): CNS-ATM(OSIP 013-01) - 4				
Models of Systems Affected: P-3C/EP-3			Type Modification: Operational Improvement/Safety				Related RDT&E PEs:						
Financial Plan		FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
		<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>
<i>Total, CNS-ATM(OSIP 013-01)</i>		-	-	-	-	-	-	-	-	-	-	2,167	126.144
<i>Total, All Modifications</i>			0.000		0.000		0.000		0.000		0.000		126.144
Support													
3.1) ADDU MOD FOR OP TRAINERS ECO		-	-	-	-	-	-	-	-	-	-	18	0.093
3.2) CDU 7000 SERVICE BULLETINS ECO		-	-	-	-	-	-	-	-	-	-	-	0.052
3.3) JUMPS SOFTWARE ECO		-	-	-	-	-	-	-	-	-	-	-	1.135
3.4) TCAS ECO		-	-	-	-	-	-	-	-	-	-	-	1.954
3.5) ECO		-	-	-	0.242	-	-	-	-	-	-	-	0.242
3.6) Data		-	-	-	-	-	-	-	-	-	-	-	6.559
3.7) Training Equipment		-	-	-	-	-	-	-	-	-	-	22	7.609
3.8) Support Equipment		-	-	-	-	-	-	-	-	-	-	-	0.055
3.9) ILS		-	0.055	-	-	-	-	-	-	-	-	-	11.115
3.10) Other Support		-	0.327	-	0.057	-	-	-	-	-	-	-	30.800
3.11) Interim Contractor Support		-	-	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>			0.382		0.299		0.000		0.000		0.000		59.614
<i>Procurement Cost (Procurement + Support)</i>			0.382		0.299		0.000		0.000		0.000		185.758
<i>Total Installation Cost</i>			0.360		0.000		0.000		0.000		0.000		58.143
Total Cost (Procurement + Support + Installation)			0.742		0.299		0.000		0.000		0.000		243.901
Remarks:													
Manufacturer Information: CNS-ATM(OSIP 013-01)													
Manufacturer Name: Various - CNS - RNAV MODE S							Manufacturer Location: Various						
Administrative Leadtime (in Months): 3							Production Leadtime (in Months): 9						
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017						
Contract Dates		Dec 2011	Dec 2012	Dec 2013									
Delivery Dates		Sep 2012	Sep 2013	Sep 2014									
Manufacturer Name: Various - CNS EFDS							Manufacturer Location: Various						
Administrative Leadtime (in Months): 6							Production Leadtime (in Months): 10						

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0538 - P-3 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): CNS-ATM(OSIP 013-01) - 4

Models of Systems Affected: P-3C/EP-3	Type Modification: Operational Improvement/Safety	Related RDT&E PEs:
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Manufacturer Information: CNS-ATM(OSIP 013-01)

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates		Mar 2012					
Delivery Dates		Jan 2013					

Manufacturer Name: Various - CNS 5V Lighting	Manufacturer Location: Various
Administrative Leadtime (<i>in Months</i>): 0	Production Leadtime (<i>in Months</i>): 0

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates							
Delivery Dates							

Manufacturer Name: Various - CNS TCAS OCO	Manufacturer Location: Various
Administrative Leadtime (<i>in Months</i>): 2	Production Leadtime (<i>in Months</i>): 6

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates			Dec 2012				
Delivery Dates			Jun 2013				

Installation: CNS-ATM(OSIP 013-01) **Method of Implementation:** Contractor Field Team **Installation Name:** 5VAC RED LIGHTING BUS

Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	91	0.175	21	0.058	12	0.033	8	0.022	0	0.000	8	0.022
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	91	0.175	21	0.058	12	0.033	8	0.022	0	0.000	8	0.022

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0538 - P-3 Series
Modification Nomenclature (Modification Title, Modification Number): CNS-ATM(OSIP 013-01) - 4		

Models of Systems Affected: P-3C/EP-3	Type Modification: Operational Improvement/Safety	Related RDT&E PEs:
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Installation: CNS-ATM(OSIP 013-01)	Method of Implementation: Contractor Field Team	Installation Name: 5VAC RED LIGHTING BUS
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Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	132	0.288
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	132	0.288

Installation Schedule																														
APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	91	6	5	5	5	3	3	3	3	3	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	132	
Out	91	6	5	5	5	3	3	3	3	3	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	132	

Installation: CNS-ATM(OSIP 013-01)	Method of Implementation: [none specified]	Installation Name: EFDS
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	144	11.929	2	0.234	1	0.120	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	2	0.248	0	0.000	2	0.248
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0538 - P-3 Series
Modification Nomenclature (Modification Title, Modification Number): CNS-ATM(OSIP 013-01) - 4		

Models of Systems Affected: P-3C/EP-3	Type Modification: Operational Improvement/Safety	Related RDT&E PEs:
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Installation: CNS-ATM(OSIP 013-01)	Method of Implementation: [none specified]	Installation Name: EFDS
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	144	11.929	2	0.234	1	0.120	2	0.248	0	0.000	2	0.248

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	147	12.283
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	2	0.248
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	149	12.531

Installation Schedule																														
APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	144	-	1	1	-	-	1	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	149	
Out	144	-	1	1	-	-	1	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	149	

Installation: CNS-ATM(OSIP 013-01)	Method of Implementation: Contractor Field Mod Team	Installation Name: RNAV/MODE S
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	81	14.105	21	3.564	16	2.799	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	18	2.678	0	0.000	18	2.678

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0538 - P-3 Series
Modification Nomenclature (Modification Title, Modification Number): CNS-ATM(OSIP 013-01) - 4		

Models of Systems Affected: P-3C/EP-3	Type Modification: Operational Improvement/Safety	Related RDT&E PEs:
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Installation: CNS-ATM(OSIP 013-01)	Method of Implementation: Contractor Field Mod Team	Installation Name: RNAV/MODE S
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	81	14.105	21	3.564	16	2.799	18	2.678	0	0.000	18	2.678

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	118	20.468
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	18	2.678
FY 2013	2	0.360	-	-	-	-	-	-	-	-	2	0.360
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	2	0.360	-	-	-	-	-	-	-	-	138	23.506

Installation Schedule																														
APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	81	9	4	4	4	10	2	2	2	4	5	5	4	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	138	
Out	76	5	9	4	4	4	10	2	2	6	4	5	5	-	1	1	-	-	-	-	-	-	-	-	-	-	-	138		

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0538 - P-3 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): CNS-ATM(OSIP 013-01) - 4

Models of Systems Affected: P-3C/EP-3	Type Modification: Operational Improvement/Safety	Related RDT&E PEs:
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Installation: CNS-ATM(OSIP 013-01)	Method of Implementation: Contractor Field Mod Team	Installation Name: TCAS
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	43	21.818	0	0.000	43	21.818
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	43	21.818	0	0.000	43	21.818

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	43	0.000	-	-	-	-	-	-	-	-	86	21.818
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	43	0.000	-	-	-	-	-	-	-	-	86	21.818

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy																							Date: February 2012								
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1										P-1 Line Item Nomenclature: 0538 - P-3 Series										Modification Nomenclature (<i>Modification Title, Modification Number</i>): CNS-ATM(OSIP 013-01) - 4											
Models of Systems Affected: P-3C/EP-3										Type Modification: Operational Improvement/Safety										Related RDT&E PEs:											
Installation: CNS-ATM(OSIP 013-01)										Method of Implementation: Contractor Field Mod Team										Installation Name: TCAS											
Installation Schedule																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	-	-	-	-	-	-	-	21	22	21	22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	86
Out	-	-	-	-	-	-	-	-	-	-	-	-	21	22	21	22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	86
Installation: CNS-ATM(OSIP 013-01)										Method of Implementation: Not Installed - 8.33KHZ VHF RADIO										Installation Quantity: 28											
Installation: CNS-ATM(OSIP 013-01)										Method of Implementation: Not Installed - ARC-197/210 KIT										Installation Quantity: 28											
Installation: CNS-ATM(OSIP 013-01)										Method of Implementation: Not Installed - TCAS										Installation Quantity: 86											
Installation: CNS-ATM(OSIP 013-01)										Method of Implementation: Not Installed - MLR-2020 (P-ILS)										Installation Quantity: 75											
Installation: CNS-ATM(OSIP 013-01)										Method of Implementation: Not Installed - MLR -2020 (Permanent)										Installation Quantity: 20											
Installation: CNS-ATM(OSIP 013-01)										Method of Implementation: Not Installed - 8.33 khz (ARC-210)										Installation Quantity: 54											
Installation: CNS-ATM(OSIP 013-01)										Method of Implementation: Not Installed - APX-118 (IFF/MODE S)										Installation Quantity: 5											
Installation: CNS-ATM(OSIP 013-01)										Method of Implementation: Not Installed - Digital ADC										Installation Quantity: 302											
Installation: CNS-ATM(OSIP 013-01)										Method of Implementation: Not Installed - EFDS										Installation Quantity: 166											
Installation: CNS-ATM(OSIP 013-01)										Method of Implementation: Not Installed - FMS/CDU 7000 (3 per A/ C)										Installation Quantity: 444											
Installation: CNS-ATM(OSIP 013-01)										Method of Implementation: Not Installed - JUMPS UPC										Installation Quantity: 189											
Installation: CNS-ATM(OSIP 013-01)										Method of Implementation: Not Installed - MLR-2020 (P-ILS) (2 PER A/C)										Installation Quantity: 148											
Installation: CNS-ATM(OSIP 013-01)										Method of Implementation: Not Installed - MLR-2020A-1 Upgrades										Installation Quantity: 40											

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0538 - P-3 Series	Modification Nomenclature <i>(Modification Title, Modification Number):</i> CNS-ATM(OSIP 013-01) - 4
Models of Systems Affected: P-3C/EP-3	Type Modification: Operational Improvement/Safety	Related RDT&E PEs:
Installation: CNS-ATM(OSIP 013-01)	Method of Implementation: Not Installed - RINU-G (RNP 4/5) (2 PER A/C)	Installation Quantity: 8
Installation: CNS-ATM(OSIP 013-01)	Method of Implementation: Not Installed - Prior Year Inactive Installations	Installation Quantity: 69
Installation: CNS-ATM(OSIP 013-01)	Method of Implementation: Not Installed - ADDU MOD FOR OP TRAINERS ECO	Installation Quantity: 18
Installation: CNS-ATM(OSIP 013-01)	Method of Implementation: Not Installed - Training Equipment	Installation Quantity: 22

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0538 - P-3 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): P-3 READINESS IMPROVEMENT(OSIP 004-04) - 5

Models of Systems Affected: P-3/EP-3	Type Modification: Readiness Improvement	Related RDT&E PEs:
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	216.940	9.423	4.442	2.670	0.000	2.670	0.000	0.000	0.000	0.000	0.000	233.475
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	216.940	9.423	4.442	2.670	0.000	2.670	0.000	0.000	0.000	0.000	0.000	233.475
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	216.940	9.423	4.442	2.670	0.000	2.670	0.000	0.000	0.000	0.000	0.000	233.475

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The purpose of this program is to incorporate a number of cost effective changes to the P-3/EP-3 weapon system, specifically targeting improvements to high cost and maintenance and obsolete readiness degrader items. These improvements are a vital element of the P-3/EP-3 sustainment bridge, significantly enhancing the strategy of a smaller, more ready, more capable P-3/EP-3 force during the bridge to Multi-Mission Maritime Aircraft (MMA). The increased readiness and capabilities that will be realized, support the foundational sustainment bridge elements, specifically operational availability and common configuration. Planned improvements under this OSIP cover airframe, propulsion and avionics related subsystems, utilizing Commercial Off-The-Shelf Systems (COTS) technology to the maximum extent practicable to minimize development and procurement costs, and to reduce the time to field the improved systems. The systems identified for replacement include HF Radio, HF-IP (Internet Protocol), Data Link, InfraRed Detection System, Autopilot, Inter Communication System, Magnetic Anomaly Detector (MAD), and Radar. Additionally, systems being evaluated for replacement include IFF Interrogator Set, and Magnetic Tape Recorder/Reproducer.

FY06 Congressional Plus-Up of \$1.0M for Electro-Optics and Communications Upgrade.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES:

The COP NPDM authorizing MS-C / LRIP was approved 26 March 2004. The COP ADM authorizing FRP was approved 15 March 2006.

Notes:

1. HF-IP transferred to AIP in OSIP 29-94
2. Prior year buy of (3) Digital Mad Kits will not be installed due to cancellation of program.
3. FY11/12 Other Support includes Digital Auto Pilot System V1.07 Software development upgrade and test.
4. Installation schedule based on Aircraft and Depot level availability.

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Exhibit P-3A, Individual Modification: PB 2013 Navy										Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1					P-1 Line Item Nomenclature: 0538 - P-3 Series					Modification Nomenclature (<i>Modification Title, Modification Number</i>): P-3 READINESS IMPROVEMENT(OSIP 004-04) - 5			
Models of Systems Affected: P-3/EP-3				Type Modification: Readiness Improvement				Related RDT&E PEs:					
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
P-3 READINESS IMPROVEMENT(OSIP 004-04)													
A Kits													
Recurring													
1.1.1) Auto-Pilot Kit - Organic	136	8.545	-	-	-	-	-	-	-	-	-	-	
1.1.2) Digital MAD System Kit - Organic	3	0.076	-	-	-	-	-	-	-	-	-	-	
1.1.3) HF Radio/Data Link Kit - Organic	126	13.041	-	-	-	-	-	-	-	-	-	-	
1.1.4) Infrared Detection Kit (EO/IR) - Organic	56	0.994	-	-	-	-	-	-	-	-	-	-	
1.1.5) Inter Communications Kit - Organic	12	0.653	-	-	-	-	-	-	-	-	-	-	
<i>Subtotal Recurring</i>		23.309		0.000		0.000		0.000		0.000		0.000	
NonRecurring													
1.2.1) Installation Kits N/R - Organic	-	4.960	-	-	-	-	-	-	-	-	-	-	
<i>Subtotal NonRecurring</i>		4.960		0.000		0.000		0.000		0.000		0.000	
B Kits													
Recurring													
2.1.1) Auto Pilot System - NonOrganic	136	35.568	-	-	-	-	-	-	-	-	-	-	
2.1.2) Digital MAD System - Organic	3	1.548	-	-	-	-	-	-	-	-	-	-	
2.1.3) HF Radio/Data Link System - NonOrganic	126	43.587	-	-	-	-	-	-	-	-	-	-	
2.1.4) Infrared Detection Kit (EO/IR) - Organic	56	21.209	-	-	-	-	-	-	-	-	-	-	
2.1.5) Inter Communications System - Organic	12	3.860	-	-	-	-	-	-	-	-	-	-	
2.1.7) Prior Year Inactive Installations - Organic	60	2.511	-	-	-	-	-	-	-	-	-	-	
<i>Subtotal Recurring</i>		108.283		0.000		0.000		0.000		0.000		0.000	
NonRecurring													
2.2.1) Installation Equipment N/R - Organic	-	15.930	-	-	-	-	-	-	-	-	-	-	
<i>Subtotal NonRecurring</i>		15.930		0.000		0.000		0.000		0.000		0.000	
<i>Total, P-3 READINESS IMPROVEMENT(OSIP 004-04)</i>	726	152.482	-	-	-	-	-	-	-	-	-	-	
<i>Total, All Modifications</i>		152.482		0.000		0.000		0.000		0.000		0.000	
Support													

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0538 - P-3 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): P-3 READINESS IMPROVEMENT(OSIP 004-04) - 5

Models of Systems Affected: P-3/EP-3		Type Modification: Readiness Improvement				Related RDT&E PEs:						
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
3.1) ECO	-	0.830	-	0.100	-	0.050	-	0.100	-	-	-	0.100
3.2) Data	-	7.248	-	0.783	-	-	-	-	-	-	-	-
3.3) Training Equipment	-	9.597	-	0.331	-	-	-	-	-	-	-	-
3.4) Support Equipment	-	4.015	-	-	-	-	-	-	-	-	-	-
3.5) ILS	-	5.586	-	0.521	-	0.500	-	-	-	-	-	-
3.6) Other Support	-	26.910	-	4.459	-	1.442	-	0.465	-	-	-	0.465
3.7) Interim Contractor Support	-	0.000	-	-	-	-	-	-	-	-	-	-
Total Support Cost		54.186		6.194		1.992		0.565		0.000		0.565
Procurement Cost (Procurement + Support)		206.668		6.194		1.992		0.565		0.000		0.565
Total Installation Cost		10.272		3.229		2.450		2.105		0.000		2.105
Total Cost (Procurement + Support + Installation)		216.940		9.423		4.442		2.670		0.000		2.670

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
P-3 READINESS IMPROVEMENT(OSIP 004-04)												
A Kits												
Recurring												
1.1.1) Auto-Pilot Kit - Organic	-	-	-	-	-	-	-	-	-	-	136	8.545
1.1.2) Digital MAD System Kit - Organic	-	-	-	-	-	-	-	-	-	-	3	0.076
1.1.3) HF Radio/Data Link Kit - Organic	-	-	-	-	-	-	-	-	-	-	126	13.041
1.1.4) Infrared Detection Kit (EO/IR) - Organic	-	-	-	-	-	-	-	-	-	-	56	0.994
1.1.5) Inter Communications Kit - Organic	-	-	-	-	-	-	-	-	-	-	12	0.653
Subtotal Recurring		0.000		0.000		0.000		0.000		0.000		23.309
NonRecurring												
1.2.1) Installation Kits N/R - Organic	-	-	-	-	-	-	-	-	-	-	-	4.960
Subtotal NonRecurring		0.000		0.000		0.000		0.000		0.000		4.960
B Kits												

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Exhibit P-3A, Individual Modification: PB 2013 Navy								Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0538 - P-3 Series				Modification Nomenclature (<i>Modification Title, Modification Number</i>): P-3 READINESS IMPROVEMENT(OSIP 004-04) - 5					
Models of Systems Affected: P-3/EP-3			Type Modification: Readiness Improvement					Related RDT&E PEs:					
Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Recurring													
2.1.1) Auto Pilot System - NonOrganic	-	-	-	-	-	-	-	-	-	-	-	136 35.568	
2.1.2) Digital MAD System - Organic	-	-	-	-	-	-	-	-	-	-	-	3 1.548	
2.1.3) HF Radio/Data Link System - NonOrganic	-	-	-	-	-	-	-	-	-	-	-	126 43.587	
2.1.4) Infrared Detection Kit (EO/IR) - Organic	-	-	-	-	-	-	-	-	-	-	-	56 21.209	
2.1.5) Inter Communications System - Organic	-	-	-	-	-	-	-	-	-	-	-	12 3.860	
2.1.7) Prior Year Inactive Installations - Organic	-	-	-	-	-	-	-	-	-	-	-	60 2.511	
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		108.283	
NonRecurring													
2.2.1) Installation Equipment N/R - Organic	-	-	-	-	-	-	-	-	-	-	-	15.930	
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		15.930	
<i>Total, P-3 READINESS IMPROVEMENT(OSIP 004-04)</i>	-	-	-	-	-	-	-	-	-	-	-	726 152.482	
<i>Total, All Modifications</i>		0.000		0.000		0.000		0.000		0.000		152.482	
Support													
3.1) ECO	-	-	-	-	-	-	-	-	-	-	-	1.080	
3.2) Data	-	-	-	-	-	-	-	-	-	-	-	8.031	
3.3) Training Equipment	-	-	-	-	-	-	-	-	-	-	-	9.928	
3.4) Support Equipment	-	-	-	-	-	-	-	-	-	-	-	4.015	
3.5) ILS	-	-	-	-	-	-	-	-	-	-	-	6.607	
3.6) Other Support	-	-	-	-	-	-	-	-	-	-	-	33.276	
3.7) Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	-	
<i>Total Support Cost</i>		0.000		0.000		0.000		0.000		0.000		62.937	
<i>Procurement Cost (Procurement + Support)</i>		0.000		0.000		0.000		0.000		0.000		215.419	
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		18.056	
Total Cost (Procurement + Support + Installation)		0.000		0.000		0.000		0.000		0.000		233.475	
Remarks:													

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0538 - P-3 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): P-3 READINESS IMPROVEMENT(OSIP 004-04) - 5

Models of Systems Affected: P-3/EP-3	Type Modification: Readiness Improvement	Related RDT&E PEs:
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Manufacturer Information: P-3 READINESS IMPROVEMENT(OSIP 004-04)

Manufacturer Name: Various - COP HF Radio/Data Link	Manufacturer Location: Various
Administrative Leadtime (<i>in Months</i>): 0	Production Leadtime (<i>in Months</i>): 0

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates							
Delivery Dates							

Manufacturer Name: Various - COP Digital Auto Pilot	Manufacturer Location: Various
Administrative Leadtime (<i>in Months</i>): 0	Production Leadtime (<i>in Months</i>): 0

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates							
Delivery Dates							

Installation: P-3 READINESS IMPROVEMENT(OSIP 004-04)	Method of Implementation: Contractor Mod Teams	Installation Name: Auto Pilot System
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	82	5.419	23	1.561	18	1.260	13	0.910	0	0.000	13	0.910
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	82	5.419	23	1.561	18	1.260	13	0.910	0	0.000	13	0.910

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	136	9.150

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0538 - P-3 Series
Modification Nomenclature (Modification Title, Modification Number): P-3 READINESS IMPROVEMENT(OSIP 004-04) - 5		

Models of Systems Affected: P-3/EP-3	Type Modification: Readiness Improvement	Related RDT&E PEs:
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Installation: P-3 READINESS IMPROVEMENT(OSIP 004-04)	Method of Implementation: Contractor Mod Teams	Installation Name: Auto Pilot System
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Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	136	9.150

Installation Schedule																														
APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	82	6	6	6	5	5	5	4	4	4	4	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	136
Out	82	6	6	6	5	5	5	4	4	4	4	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	136	

Installation: P-3 READINESS IMPROVEMENT(OSIP 004-04)	Method of Implementation: Contractor Mod Teams	Installation Name: HF Radio/Data Link System
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	70	4.853	20	1.668	18	1.190	18	1.195	0	0.000	18	1.195
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0538 - P-3 Series
Modification Nomenclature (Modification Title, Modification Number): P-3 READINESS IMPROVEMENT(OSIP 004-04) - 5		

Models of Systems Affected: P-3/EP-3	Type Modification: Readiness Improvement	Related RDT&E PEs:
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Installation: P-3 READINESS IMPROVEMENT(OSIP 004-04)	Method of Implementation: Contractor Mod Teams	Installation Name: HF Radio/Data Link System
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	70	4.853	20	1.668	18	1.190	18	1.195	0	0.000	18	1.195

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	126	8.906
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	126	8.906

Installation Schedule																																
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot	
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4			
In	70	5	5	5	5	5	5	4	4	5	5	4	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	126
Out	70	5	5	5	5	5	5	4	4	5	5	4	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	126

Installation: P-3 READINESS IMPROVEMENT(OSIP 004-04)	Method of Implementation: Not Installed - Auto-Pilot Kit	Installation Quantity: 136
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Installation: P-3 READINESS IMPROVEMENT(OSIP 004-04)	Method of Implementation: Not Installed - Digital MAD System Kit	Installation Quantity: 3
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Installation: P-3 READINESS IMPROVEMENT(OSIP 004-04)	Method of Implementation: Not Installed - HF Radio/Data Link Kit	Installation Quantity: 126
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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0538 - P-3 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): P-3 READINESS IMPROVEMENT(OSIP 004-04) - 5
Models of Systems Affected: P-3/EP-3	Type Modification: Readiness Improvement	Related RDT&E PEs:
Installation: P-3 READINESS IMPROVEMENT(OSIP 004-04)	Method of Implementation: Not Installed - Infrared Detection Kit (EO/IR)	Installation Quantity: 56
Installation: P-3 READINESS IMPROVEMENT(OSIP 004-04)	Method of Implementation: Not Installed - Inter Communications Kit	Installation Quantity: 12
Installation: P-3 READINESS IMPROVEMENT(OSIP 004-04)	Method of Implementation: Not Installed - Digital MAD System	Installation Quantity: 3
Installation: P-3 READINESS IMPROVEMENT(OSIP 004-04)	Method of Implementation: Not Installed - Infrared Detection Kit (EO/IR)	Installation Quantity: 56
Installation: P-3 READINESS IMPROVEMENT(OSIP 004-04)	Method of Implementation: Not Installed - Inter Communications System	Installation Quantity: 12
Installation: P-3 READINESS IMPROVEMENT(OSIP 004-04)	Method of Implementation: Not Installed - Prior Year Inactive Installations	Installation Quantity: 60

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0538 - P-3 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): SSI-K(OSIP 005-05) - 6

Models of Systems Affected: All P-3 T/M/S	Type Modification: Sustainment	Related RDT&E PEs: 0604221N
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	1,147.239	123.390	100.397	41.420	0.000	41.420	26.712	0.000	0.000	0.000	0.000	1,439.158
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	1,147.239	123.390	100.397	41.420	0.000	41.420	26.712	0.000	0.000	0.000	0.000	1,439.158
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	1,147.239	123.390	100.397	41.420	0.000	41.420	26.712	0.000	0.000	0.000	0.000	1,439.158

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The Special Structural Inspection - Kits Program is an Operational Safety Improvement Program (OSIP) that will capture the P-3/EP-3 aircraft's test demonstrated fatigue life by replacing airframe structural components in fatigue life limiting critical regions of the P-3/EP-3 aircraft to enable the airframe to fully reach its designed service life but will not extend the fatigue life of those aircraft. Unchecked, these problem areas collectively will result in significant loss of aircraft from the operational inventory due to operational and support funding limitations. SSI-K will manufacture and install a structural mod / replacement kit for P-3 outer wing, center box and other components. Aircraft that have received an Enhanced Special Structural Inspection (ESSI) require only the Center Box subset of an SSI-K. These Center Box subset install kits are shown separately.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES:

Program is in full rate production.

Notes:

1. No Install Costs associated with Rotable Pool Outer Wing Kits.
2. EP SSI-K Kits have been included in SSI-K Kit Line and Zone 5 Mitigation Kit Line.
3. FY-09 OCO funds 6 Zone 5 Installs in FY-09 and 6 Zone 5 Installs in FY-10.
4. FY-10 OCO funds 2 Outer Wing Installs in FY-10 and 6 Outer Wing Installs in FY-11.
5. 12 SSI-K Installs are for EP-3 aircraft
6. FY08 Outer Wing Kits procured with FY08 Supplemental Funds
7. Reduction in FY11 Outer Wing install quantities reflects \$35M Congressional Mark.
8. 27 Zone 5 Installs funded with FY08 Supplemental; 3 in FY08 and 24 in FY09
9. 12 Zone 5 Installs funded with FY09 OCO; 6 in FY09 and 6 in FY10?
10. 12 Zone 5 Installs are for EP-3 aircraft

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Exhibit P-3A, Individual Modification: PB 2013 Navy										Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0538 - P-3 Series						Modification Nomenclature (<i>Modification Title, Modification Number</i>): SSI-K(OSIP 005-05) - 6			
Models of Systems Affected: All P-3 T/M/S				Type Modification: Sustainment						Related RDT&E PEs: 0604221N			
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
SSI-K(OSIP 005-05)													
A Kits													
Recurring													
1.1.1) Center Box Kit - NonOrganic	7	2.027	11	3.784	3	2.122	-	-	-	-	-	-	
1.1.2) Zone 5 Mitigation Kit - NonOrganic	18	5.118	12	6.400	-	-	-	-	-	-	-	-	
1.1.3) Outer Wing Replacement Kit - NonOrganic	12	150.004	-	-	-	-	-	-	-	-	-	-	
1.1.4) Rotable Pool Outer Wing Kit - Organic	3	3.435	-	-	-	-	-	-	-	-	-	-	
1.1.5) SSI-K Kits (A-Kits) - NonOrganic	69	56.006	-	-	2	2.692	1	1.576	-	-	1	1.576	
1.1.6) Supplemental SSIK Kit - NonOrganic	13	10.101	-	-	-	-	-	-	-	-	-	-	
1.1.7) Supplemental Zone 5 Kit - NonOrganic	36	15.286	-	-	-	-	-	-	-	-	-	-	
1.1.8) Supplemental Center Box Kit - NonOrganic	24	5.719	-	-	-	-	-	-	-	-	-	-	
1.1.9) Supplemental OW Replacement Kit - NonOrganic	17	210.333	-	-	-	-	-	-	-	-	-	-	
1.1.10) Supplemental Rotable Pool OW Kit - Organic	4	10.055	-	-	-	-	-	-	-	-	-	-	
<i>Subtotal Recurring</i>		<i>468.084</i>		<i>10.184</i>		<i>4.814</i>		<i>1.576</i>		<i>0.000</i>		<i>1.576</i>	
NonRecurring													
1.2.1) Installation Kits N/R - Organic	-	9.708	-	-	-	-	-	-	-	-	-	-	
<i>Subtotal NonRecurring</i>		<i>9.708</i>		<i>0.000</i>		<i>0.000</i>		<i>0.000</i>		<i>0.000</i>		<i>0.000</i>	
<i>Total, SSI-K(OSIP 005-05)</i>	<i>203</i>	<i>477.792</i>	<i>23</i>	<i>10.184</i>	<i>5</i>	<i>4.814</i>	<i>1</i>	<i>1.576</i>	<i>-</i>	<i>-</i>	<i>1</i>	<i>1.576</i>	
<i>Total, All Modifications</i>		<i>477.792</i>		<i>10.184</i>		<i>4.814</i>		<i>1.576</i>		<i>0.000</i>		<i>1.576</i>	
Support													
3.1) Center Wing Fabrication ECO	-	0.075	-	-	-	-	-	-	-	-	-	-	
3.2) SSI-K Kit ECP ECO	-	0.300	-	-	-	-	-	-	-	-	-	-	
3.3) Outer Wing Kit ECP ECO	-	0.000	-	-	-	-	-	-	-	-	-	-	
3.4) Data	-	1.584	-	0.050	-	0.050	-	-	-	-	-	-	
3.5) Training Equipment	-	0.000	-	-	-	-	-	-	-	-	-	-	
3.6) Support Equipment	-	16.876	-	0.077	-	-	-	-	-	-	-	-	
3.7) ILS	-	5.281	-	3.050	-	0.631	-	0.631	-	-	-	0.631	
3.8) Other Support	-	63.944	-	9.163	-	3.549	-	2.480	-	-	-	2.480	

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Exhibit P-3A, Individual Modification: PB 2013 Navy										Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1					P-1 Line Item Nomenclature: 0538 - P-3 Series					Modification Nomenclature (<i>Modification Title, Modification Number</i>): SSI-K(OSIP 005-05) - 6			
Models of Systems Affected: All P-3 T/M/S				Type Modification: Sustainment				Related RDT&E PEs: 0604221N					
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
3.9) Interim Contractor Support	-	0.000	-	-	-	-	-	-	-	-	-	-	
Total Support Cost		88.060		12.340		4.230		3.111		0.000		3.111	
Procurement Cost (Procurement + Support)		565.852		22.524		9.044		4.687		0.000		4.687	
Total Installation Cost		581.387		100.866		91.353		36.733		0.000		36.733	
Total Cost (Procurement + Support + Installation)		1,147.239		123.390		100.397		41.420		0.000		41.420	
Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
SSI-K(OSIP 005-05)													
A Kits													
Recurring													
1.1.1) Center Box Kit - NonOrganic	-	-	-	-	-	-	-	-	-	-	21	7.933	
1.1.2) Zone 5 Mitigation Kit - NonOrganic	-	-	-	-	-	-	-	-	-	-	30	11.518	
1.1.3) Outer Wing Replacement Kit - NonOrganic	-	-	-	-	-	-	-	-	-	-	12	150.004	
1.1.4) Rotable Pool Outer Wing Kit - Organic	-	-	-	-	-	-	-	-	-	-	3	3.435	
1.1.5) SSI-K Kits (A-Kits) - NonOrganic	-	-	-	-	-	-	-	-	-	-	72	60.274	
1.1.6) Supplemental SSIK Kit - NonOrganic	-	-	-	-	-	-	-	-	-	-	13	10.101	
1.1.7) Supplemental Zone 5 Kit - NonOrganic	-	-	-	-	-	-	-	-	-	-	36	15.286	
1.1.8) Supplemental Center Box Kit - NonOrganic	-	-	-	-	-	-	-	-	-	-	24	5.719	
1.1.9) Supplemental OW Replacement Kit - NonOrganic	-	-	-	-	-	-	-	-	-	-	17	210.333	
1.1.10) Supplemental Rotable Pool OW Kit - Organic	-	-	-	-	-	-	-	-	-	-	4	10.055	
Subtotal Recurring		0.000		0.000		0.000		0.000		0.000		484.658	
NonRecurring													
1.2.1) Installation Kits N/R - Organic	-	-	-	-	-	-	-	-	-	-	-	9.708	
Subtotal NonRecurring		0.000		0.000		0.000		0.000		0.000		9.708	
Total, SSI-K(OSIP 005-05)		-		-		-		-		-	232	494.366	
Total, All Modifications		0.000		0.000		0.000		0.000		0.000		494.366	
Support													

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0538 - P-3 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): SSI-K(OSIP 005-05) - 6

Models of Systems Affected: All P-3 T/M/S	Type Modification: Sustainment	Related RDT&E PEs: 0604221N
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
3.1) Center Wing Fabrication ECO	-	-	-	-	-	-	-	-	-	-	-	0.075
3.2) SSI-K Kit ECP ECO	-	-	-	-	-	-	-	-	-	-	-	0.300
3.3) Outer Wing Kit ECP ECO	-	-	-	-	-	-	-	-	-	-	-	-
3.4) Data	-	-	-	-	-	-	-	-	-	-	-	1.684
3.5) Training Equipment	-	-	-	-	-	-	-	-	-	-	-	-
3.6) Support Equipment	-	-	-	-	-	-	-	-	-	-	-	16.953
3.7) ILS	-	-	-	-	-	-	-	-	-	-	-	9.593
3.8) Other Support	-	1.348	-	-	-	-	-	-	-	-	-	80.484
3.9) Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	-
Total Support Cost		1.348		0.000		0.000		0.000		0.000		109.089
Procurement Cost (Procurement + Support)		1.348		0.000		0.000		0.000		0.000		603.455
Total Installation Cost		25.364		0.000		0.000		0.000		0.000		835.703
Total Cost (Procurement + Support + Installation)		26.712		0.000		0.000		0.000		0.000		1,439.158

Remarks:

Manufacturer Information: SSI-K(OSIP 005-05)

Manufacturer Name: Various - SSIK/SSI-K Kits				Manufacturer Location: Various			
Administrative Leadtime (in Months): 5				Production Leadtime (in Months): 17			

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates	Mar 2011	Mar 2012	Mar 2013				
Delivery Dates	Aug 2012	Aug 2013	Aug 2014				

Manufacturer Name: Various - SSIK Center Box				Manufacturer Location: Various			
Administrative Leadtime (in Months): 0				Production Leadtime (in Months): 0			

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates	Dec 2010	Dec 2011					
Delivery Dates	Dec 2011	Dec 2012					

Manufacturer Name: Various - SSIK Outer Wing Replacement Kits				Manufacturer Location: Various			
Administrative Leadtime (in Months): 0				Production Leadtime (in Months): 0			

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0538 - P-3 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): SSI-K(OSIP 005-05) - 6

Models of Systems Affected: All P-3 T/M/S	Type Modification: Sustainment	Related RDT&E PEs: 0604221N
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Manufacturer Information: SSI-K(OSIP 005-05)

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates							
Delivery Dates							

Manufacturer Name: Various - SSIK Zone 5 Mitigation Kits	Manufacturer Location: Various
Administrative Leadtime (<i>in Months</i>): 0	Production Leadtime (<i>in Months</i>): 0

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates	Jan 2011						
Delivery Dates	Nov 2011						

Installation: SSI-K(OSIP 005-05) **Method of Implementation:** Contractor Field Mod Team **Installation Name:** Center Box

Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	28	17.873	3	1.725	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	11	6.479	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	3	1.980	0	0.000	3	1.980
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	28	17.873	3	1.725	11	6.479	3	1.980	0	0.000	3	1.980

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	31	19.598
FY 2011	-	-	-	-	-	-	-	-	-	-	11	6.479
FY 2012	-	-	-	-	-	-	-	-	-	-	3	1.980
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0538 - P-3 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): SSI-K(OSIP 005-05) - 6

Models of Systems Affected: All P-3 T/M/S	Type Modification: Sustainment	Related RDT&E PEs: 0604221N
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Installation: SSI-K(OSIP 005-05)	Method of Implementation: Contractor Field Mod Team	Installation Name: Center Box
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Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	45	28.057

Installation Schedule																																	
APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4					
In	28	-	1	1	1	1	3	3	4	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	45
Out	17	3	4	4	-	1	1	1	1	4	4	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	45

Installation: SSI-K(OSIP 005-05)	Method of Implementation: Contractor Field Mod Team	Installation Name: Zone 5 Mitigation Kits
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	48	182.714	6	21.455	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	12	45.400	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	48	182.714	6	21.455	12	45.400	-	-	-	-	-	-

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0538 - P-3 Series
Models of Systems Affected: All P-3 T/M/S		Modification Nomenclature (Modification Title, Modification Number): SSI-K(OSIP 005-05) - 6
Type Modification: Sustainment		Related RDT&E PEs: 0604221N

Installation: SSI-K(OSIP 005-05)	Method of Implementation: Contractor Field Mod Team	Installation Name: Zone 5 Mitigation Kits
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Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	54	204.169
FY 2011	-	-	-	-	-	-	-	-	-	-	12	45.400
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	66	249.569

Installation Schedule																														
APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	48	1	1	2	2	3	3	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	66	
Out	40	2	3	3	1	-	1	2	5	3	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	66		

Installation: SSI-K(OSIP 005-05)	Method of Implementation: Contractor Field Mod Team	Installation Name: Outer Wing Replacement Kits
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	2	35.300	7	4.600	6	26.454	6	28.200	0	0.000	6	28.200
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0538 - P-3 Series
		Modification Nomenclature (<i>Modification Title, Modification Number</i>): SSI-K(OSIP 005-05) - 6
Models of Systems Affected: All P-3 T/M/S		Type Modification: Sustainment
Related RDT&E PEs: 0604221N		

Installation: SSI-K(OSIP 005-05)		Method of Implementation: Contractor Field Mod Team				Installation Name: Outer Wing Replacement Kits						
Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	2	35.300	7	4.600	6	26.454	6	28.200	0	0.000	6	28.200

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>
All Prior Years	-	-	-	-	-	-	-	-	-	-	21	94.554
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	21	94.554

Installation Schedule																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	2	-	-	3	4	-	-	2	4	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	21
Out	-	-	-	2	-	-	3	4	-	3	2	4	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	21

Installation: SSI-K(OSIP 005-05)		Method of Implementation: Contractor Field Mod Team				Installation Name: SSI-K Kits						
Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>
All Prior Years	66	345.500	12	73.086	2	13.020	1	6.553	0	0.000	1	6.553
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Navy							Date: February 2012							
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0538 - P-3 Series				Modification Nomenclature (<i>Modification Title, Modification Number</i>): SSI-K(OSIP 005-05) - 6						
Models of Systems Affected: All P-3 T/M/S					Type Modification: Sustainment					Related RDT&E PEs: 0604221N				

Installation: SSI-K(OSIP 005-05)				Method of Implementation: Contractor Field Mod Team				Installation Name: SSI-K Kits				
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	66	345.500	12	73.086	2	13.020	1	6.553	0	0.000	1	6.553

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	1	6.341	-	-	-	-	-	-	-	-	82	444.500
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	2	12.700	-	-	-	-	-	-	-	-	2	12.700
FY 2013	1	6.323	-	-	-	-	-	-	-	-	1	6.323
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	4	25.364	-	-	-	-	-	-	-	-	85	463.523

Installation Schedule																																
APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot		
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4				
In	66	3	3	3	3	1	1	-	-	1	-	-	-	1	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	85
Out	59	4	3	3	3	3	3	1	1	-	-	1	-	-	-	1	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	85

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0538 - P-3 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): SSI-K(OSIP 005-05) - 6
Models of Systems Affected: All P-3 T/M/S	Type Modification: Sustainment	Related RDT&E PEs: 0604221N
Installation: SSI-K(OSIP 005-05)	Method of Implementation: Not Installed - Rotable Pool Outer Wing Kit	Installation Quantity: 3
Installation: SSI-K(OSIP 005-05)	Method of Implementation: Not Installed - Supplemental Rotable Pool OW Kit	Installation Quantity: 4

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0538 - P-3 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): PROJECT K-0416(OSIP 005-07) - 7

Models of Systems Affected: P-3C	Type Modification: Operational Improvement	Related RDT&E PEs:
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	9.376	2.079	2.053	2.160	0.000	2.160	2.164	1.583	1.610	2.000	0.000	23.025
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	9.376	2.079	2.053	2.160	0.000	2.160	2.164	1.583	1.610	2.000	0.000	23.025
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	9.376	2.079	2.053	2.160	0.000	2.160	2.164	1.583	1.610	2.000	0.000	23.025

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

CNO Project K-0416 program provides a rapid response ASW intelligence collection, analysis, and reporting system program focused on operational plan specific threat submarines, both conventional and nuclear.

CNO K-0416 mission is to place high quality calibrated data on tape for subsequent exploitation and analysis. It is essential for submarine prosecution in deep and littoral water conditions in support of the Sea Shield/Sea Power 21. The program accomplishes this by introducing advanced collection avionics that operate with special calibrated sensors to provide threat target data for tactical, Science and Technology (S&T), and weapon design uses. The Sound Pressure Level (SPL) Collection Suite that is installed on the P-3's contains several Weapons Replaceable Assembly (WRA's), both fabricated & procured. The Suite includes a BT Recorder and other pieces of Avionics.

CNO K-0416 will modify P-3 Platforms, forward sited laboratories, and select forward deployed sites with these collection avionics to provide tactical and S&T Intelligence. Prime performer is the Naval Air warfare Center, Patuxent River. NAWC performs system integration, material acquisition, fabrication, and installation of collection systems.

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Exhibit P-3A, Individual Modification: PB 2013 Navy										Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0538 - P-3 Series						Modification Nomenclature (<i>Modification Title, Modification Number</i>): PROJECT K-0416(OSIP 005-07) - 7			
Models of Systems Affected: P-3C				Type Modification: Operational Improvement				Related RDT&E PEs:					
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
PROJECT K-0416(OSIP 005-07)													
A Kits													
Recurring													
1.1.1) BT Tape Recorders - Organic													
	28	2.390	6	0.613	6	0.625	6	0.637	-	-	6	0.637	
<i>Subtotal Recurring</i>		2.390	0.613	0.625	0.637	0.000	0.637					0.637	
NonRecurring													
1.2.1) Installation Kit N/R - Organic													
	-	0.392	-	0.100	-	0.100	-	0.100	-	-	-	0.100	
<i>Subtotal NonRecurring</i>		0.392	0.100	0.100	0.100	0.000	0.100					0.100	
B Kits													
Recurring													
2.1.1) BT Tape Recorders - NonOrganic													
	28	3.585	6	0.919	6	0.937	6	0.956	-	-	6	0.956	
<i>Subtotal Recurring</i>		3.585	0.919	0.937	0.956	0.000	0.956					0.956	
NonRecurring													
2.2.1) Installation Equipment N/R - Organic													
	-	0.326	-	0.068	-	0.038	-	0.038	-	-	-	0.038	
<i>Subtotal NonRecurring</i>		0.326	0.068	0.038	0.038	0.000	0.038					0.038	
<i>Total, PROJECT K-0416(OSIP 005-07)</i>		56	6.693	12	1.700	12	1.700	12	1.731	-	-	12	1.731
<i>Total, All Modifications</i>		6.693	1.700	1.700	1.731	0.000	1.731					1.731	
Support													
3.1) ECO													
	-	-	-	-	-	-	-	-	-	-	-	-	
3.2) Data													
	-	0.000	-	-	-	-	-	-	-	-	-	-	
3.3) Training Equipment													
	-	0.000	-	-	-	-	-	-	-	-	-	-	
3.4) Support Equipment													
	-	0.830	-	0.063	-	0.064	-	0.100	-	-	-	0.100	
3.5) ILS													
	-	0.000	-	-	-	-	-	-	-	-	-	-	
3.6) Other Support													
	-	0.772	-	0.085	-	0.058	-	0.098	-	-	-	0.098	
3.7) Interim Contractor Support													
	-	0.000	-	-	-	-	-	-	-	-	-	-	
<i>Total Support Cost</i>		1.602	0.148	0.122	0.198	0.000	0.198					0.198	
<i>Procurement Cost (Procurement + Support)</i>		8.295	1.848	1.822	1.929	0.000	1.929					1.929	
<i>Total Installation Cost</i>		1.081	0.231	0.231	0.231	0.000	0.231					0.231	

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Exhibit P-3A, Individual Modification: PB 2013 Navy									Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0538 - P-3 Series					Modification Nomenclature (<i>Modification Title, Modification Number</i>): PROJECT K-0416(OSIP 005-07) - 7					
Models of Systems Affected: P-3C			Type Modification: Operational Improvement				Related RDT&E PEs:							
Financial Plan			Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
			<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>
Total Cost (Procurement + Support + Installation)				9.376		2.079		2.053		2.160		0.000		2.160
Financial Plan			FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
			<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>
Procurement														
PROJECT K-0416(OSIP 005-07)														
A Kits														
Recurring														
1.1.1) BT Tape Recorders - Organic			6	0.649	4	0.440	4	0.449	4	0.460	-	-	64	6.263
<i>Subtotal Recurring</i>				0.649		0.440		0.449		0.460		0.000		6.263
NonRecurring														
1.2.1) Installation Kit N/R - Organic			-	0.100	-	0.110	-	0.082	-	0.149	-	-	-	1.133
<i>Subtotal NonRecurring</i>				0.100		0.110		0.082		0.149		0.000		1.133
B Kits														
Recurring														
2.1.1) BT Tape Recorders - NonOrganic			6	0.975	4	0.663	4	0.680	4	0.700	-	-	64	9.415
<i>Subtotal Recurring</i>				0.975		0.663		0.680		0.700		0.000		9.415
NonRecurring														
2.2.1) Installation Equipment N/R - Organic			-	0.038	-	-	-	-	-	-	-	-	-	0.508
<i>Subtotal NonRecurring</i>				0.038		0.000		0.000		0.000		0.000		0.508
<i>Total, PROJECT K-0416(OSIP 005-07)</i>			12	1.762	8	1.213	8	1.211	8	1.309	-	-	128	17.319
<i>Total, All Modifications</i>				1.762		1.213		1.211		1.309		0.000		17.319
Support														
3.1) ECO			-	-	-	-	-	-	-	0.100	-	-	-	0.100
3.2) Data			-	-	-	-	-	-	-	-	-	-	-	-
3.3) Training Equipment			-	-	-	-	-	-	-	-	-	-	-	-
3.4) Support Equipment			-	0.100	-	0.100	-	0.100	-	0.200	-	-	-	1.557
3.5) ILS			-	-	-	-	-	-	-	-	-	-	-	-
3.6) Other Support			-	0.092	-	0.110	-	0.139	-	0.231	-	-	-	1.585

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0538 - P-3 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): PROJECT K-0416(OSIP 005-07) - 7

Models of Systems Affected: P-3C	Type Modification: Operational Improvement	Related RDT&E PEs:
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
3.7) Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	-
Total Support Cost		0.192		0.210		0.239		0.531		0.000		3.242
Procurement Cost (Procurement + Support)		1.954		1.423		1.450		1.840		0.000		20.561
Total Installation Cost		0.210		0.160		0.160		0.160		0.000		2.464
Total Cost (Procurement + Support + Installation)		2.164		1.583		1.610		2.000		0.000		23.025

Remarks:

Manufacturer Information: PROJECT K-0416(OSIP 005-07)

Manufacturer Name: Various - K0416 BT Recordords Manufacturer Location: Various

Administrative Leadtime (in Months): 1 Production Leadtime (in Months): 4

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates	Nov 2010	Nov 2011	Nov 2012	Nov 2013			
Delivery Dates	Mar 2011	Mar 2012	Mar 2013	Mar 2014			

Installation: PROJECT K-0416(OSIP 005-07) **Method of Implementation:** [none specified] **Installation Name:** BT Tape Recorders

Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	28	1.081	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	6	0.231	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	6	0.231	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	6	0.231	0	0.000	6	0.231
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	28	1.081	6	0.231	6	0.231	6	0.231	0	0.000	6	0.231

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0538 - P-3 Series
Modification Nomenclature (Modification Title, Modification Number): PROJECT K-0416(OSIP 005-07) - 7		

Models of Systems Affected: P-3C	Type Modification: Operational Improvement	Related RDT&E PEs:
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Installation: PROJECT K-0416(OSIP 005-07)	Method of Implementation: [none specified]	Installation Name: BT Tape Recorders
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Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	28	1.081
FY 2011	-	-	-	-	-	-	-	-	-	-	6	0.231
FY 2012	-	-	-	-	-	-	-	-	-	-	6	0.231
FY 2013	-	-	-	-	-	-	-	-	-	-	6	0.231
FY 2014	6	0.210	-	-	-	-	-	-	-	-	6	0.210
FY 2015	-	-	4	0.160	-	-	-	-	-	-	4	0.160
FY 2016	-	-	-	-	4	0.160	-	-	-	-	4	0.160
FY 2017	-	-	-	-	-	-	4	0.160	-	-	4	0.160
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	6	0.210	4	0.160	4	0.160	4	0.160	-	-	64	2.464

Installation Schedule																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	28	-	2	2	2	-	2	2	2	-	2	2	2	-	2	2	2	-	2	2	-	-	2	2	-	-	2	2	-	-	64
Out	28	-	2	2	2	-	2	2	2	-	2	2	2	-	2	2	2	-	2	2	-	-	2	2	-	-	2	2	-	-	64

Installation: PROJECT K-0416(OSIP 005-07)	Method of Implementation: Not Installed - BT Tape Recorders	Installation Quantity: 64
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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0538 - P-3 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): P-3 MISSION SYSTEMS(OSIP 006-08) - 8

Models of Systems Affected: P-3C	Type Modification: Operational Improvement	Related RDT&E PEs:
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	26.741	5.240	9.159	5.551	0.000	5.551	1.581	3.142	4.339	1.630	0.000	57.383
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	26.741	5.240	9.159	5.551	0.000	5.551	1.581	3.142	4.339	1.630	0.000	57.383
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	26.741	5.240	9.159	5.551	0.000	5.551	1.581	3.142	4.339	1.630	0.000	57.383

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The Navy's Maritime Patrol and Reconnaissance Force (primarily P-3C Orion aircraft) provides three deliverables to Navy and Joint commanders worldwide: Undersea warfare; Intelligence Surveillance, and Reconnaissance; and Maritime Surveillance Targeting. The P-3C Mission Systems Sustainment program will ensure that the P-3C aircraft continues to meet the Navy's requirement to perform Anti-Submarine Warfare (ASW), Anti-Surface Warfare (ASUW), Over-the-Horizon Targeting (OTH-T), and Command, Control, Communications, Computers, and Intelligence (C4I) until Full Operational Capability (FOC) of MMA is achieved (2019). Sustaining the sensor capabilities provided by the APS-137D (V) 5 imaging radar, the Advanced Imaging Multi-Spectral Sensor (AIMS) electro optical/infrared system, ALR 95 ESM, Tactical Common Data Link (TCDL), small circular area of probability weapon system (Maverick, SLAM, SLAM-ER, provisions to carry and launch all Mil Std 1760 Digital weapons with Digital Stores Management System, BMUP Sustainment, Fleet Response, P-3 Obsolescence Upgrades, ALE-47/AAR-47 missile warning countermeasures due to obsolescence is essential in order to maintain these vital capabilities. Additional systems and capabilities may be required in order to remain effective in the Sea Power 21 Construct. These systems include: APS 137 radar; Acoustic systems, AIMS EO/IR; MATT; Link 16; Global Communication & Control System - Maritime (GCCS-M); Integrated Tactical Picture (ITP); INMARSAT; Precision Targeting Workstation (PTW); OASIS; Video Distribution Controller (VDC); Tactical Mission Computer; ALR-95 ESM; DAMA Satcom; MST; TC DL; Recorders including the High Resolution Digital Recorder; ALE47/AAR47; Digital Stores Management System (DSMS), Advanced Data Storage System (ADSS); all weapon systems including missiles, torpedoes, mines, as well as acoustic system upgrades. These improvements are a vital element of the P-3 sustainment bridge for mission aircraft, including AIP and BMUP, significantly enhancing the strategy of a smaller, more ready, more capable P-3 force during the bridge to Multi-Mission Maritime Aircraft (MMA). P-3 C Mission Systems Sustainment is a branch of the ASW Maritime Improvement program (AMIP) to provide for obsolescence, technology refresh and technology insertion to P-3C mission systems.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES:

This modification makes maximum use of previously developed subsystems.

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Exhibit P-3A, Individual Modification: PB 2013 Navy									Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1			P-1 Line Item Nomenclature: 0538 - P-3 Series						Modification Nomenclature (<i>Modification Title, Modification Number</i>): P-3 MISSION SYSTEMS(OSIP 006-08) - 8			
Models of Systems Affected: P-3C			Type Modification: Operational Improvement				Related RDT&E PEs:					
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
P-3 MISSION SYSTEMS(OSIP 006-08)												
B Kits												
Recurring												
2.1.1) BMUP Tech Refresh/Insertion - Organic	-	-	-	-	-	-	-	-	-	-	-	-
2.1.2) ADSS w/OASIS Functionality (IP Replacement) - Organic	25	4.319	-	-	17	2.699	14	2.088	-	-	14	2.088
2.1.3) APS 137 Radar Tech Refresh/Insertion - Organic	-	-	12	0.450	21	0.788	22	0.825	-	-	22	0.825
2.1.5) Tactical Mission Computer - Organic	-	-	24	2.400	24	2.400	15	1.500	-	-	15	1.500
2.1.8) Integrated Tactical Picture - Organic	-	-	16	0.384	16	0.350	8	0.196	-	-	8	0.196
2.1.9) Advanced Data Storage System - Organic	-	-	-	-	8	0.100	4	0.050	-	-	4	0.050
2.1.10) BMUP Sustainment Upgrades - Organic	-	-	-	-	8	0.100	4	0.050	-	-	4	0.050
2.1.11) Fleet Response - Organic	-	-	-	-	14	0.100	7	0.050	-	-	7	0.050
2.1.12) P-3 Obsolescence Upgrades - Organic	-	-	-	-	14	0.100	7	0.050	-	-	7	0.050
<i>Subtotal Recurring</i>		4.319		3.234		6.637		4.809		0.000		4.809
NonRecurring												
2.2.1) Installation Equipment N/R - Organic	-	8.376	-	0.169	-	0.423	-	-	-	-	-	-
<i>Subtotal NonRecurring</i>		8.376		0.169		0.423		0.000		0.000		0.000
<i>Total, P-3 MISSION SYSTEMS(OSIP 006-08)</i>	25	12.695	52	3.403	122	7.060	81	4.809	-	-	81	4.809
<i>Total, All Modifications</i>		12.695		3.403		7.060		4.809		0.000		4.809
Support												
3.1) ECO	-	1.469	-	0.194	-	0.139	-	0.252	-	-	-	0.252
3.2) Data	-	0.163	-	0.100	-	0.101	-	-	-	-	-	-
3.3) Training Equipment	-	0.895	-	0.200	-	0.049	-	0.025	-	-	-	0.025
3.4) Support Equipment	-	0.100	-	0.100	-	0.049	-	0.025	-	-	-	0.025
3.5) ILS	-	0.100	-	0.100	-	0.101	-	0.050	-	-	-	0.050
3.6) Other Support	-	11.319	-	1.143	-	1.660	-	0.390	-	-	-	0.390
3.7) Interim Contractor Support	-	0.000	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		14.046		1.837		2.099		0.742		0.000		0.742

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0538 - P-3 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): P-3 MISSION SYSTEMS(OSIP 006-08) - 8

Models of Systems Affected: P-3C	Type Modification: Operational Improvement	Related RDT&E PEs:										
Financial Plan	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total						
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
<i>Procurement Cost (Procurement + Support)</i>		26.741	5.240	9.159	5.551	0.000	5.551					
<i>Total Installation Cost</i>		0.000	0.000	0.000	0.000	0.000	0.000					
Total Cost (Procurement + Support + Installation)		26.741	5.240	9.159	5.551	0.000	5.551					

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
P-3 MISSION SYSTEMS(OSIP 006-08)												
B Kits												
Recurring												
2.1.1) BMUP Tech Refresh/Insertion - Organic	-	-	2	1.471	3	2.094	2	1.396	-	-	7	4.961
2.1.2) ADSS w/OASIS Functionality (IP Replacement) - Organic	1	0.171	-	-	-	-	-	-	-	-	57	9.277
2.1.3) APS 137 Radar Tech Refresh/Insertion - Organic	-	-	-	-	-	-	-	-	-	-	55	2.063
2.1.5) Tactical Mission Computer - Organic	-	-	-	-	-	-	-	-	-	-	63	6.300
2.1.8) Integrated Tactical Picture - Organic	4	0.098	-	-	-	-	-	-	-	-	44	1.028
2.1.9) Advanced Data Storage System - Organic	4	0.054	-	-	-	-	-	-	-	-	16	0.204
2.1.10) BMUP Sustainment Upgrades - Organic	4	0.054	-	-	-	-	-	-	-	-	16	0.204
2.1.11) Fleet Response - Organic	7	0.054	7	0.056	8	0.070	-	-	-	-	43	0.330
2.1.12) P-3 Obsolescence Upgrades - Organic	7	0.054	7	0.056	8	0.070	-	-	-	-	43	0.330
<i>Subtotal Recurring</i>		<i>0.485</i>		<i>1.583</i>		<i>2.234</i>		<i>1.396</i>		<i>0.000</i>		<i>24.697</i>
NonRecurring												
2.2.1) Installation Equipment N/R - Organic	-	-	-	-	-	-	-	-	-	-	-	8.968
<i>Subtotal NonRecurring</i>		<i>0.000</i>		<i>0.000</i>		<i>0.000</i>		<i>0.000</i>		<i>0.000</i>		<i>8.968</i>
Total, P-3 MISSION SYSTEMS(OSIP 006-08)	27	0.485	16	1.583	19	2.234	2	1.396	-	-	344	33.665
Total, All Modifications		0.485		1.583		2.234		1.396		0.000		33.665
Support												
3.1) ECO	-	0.157	-	0.050	-	0.050	-	-	-	-	-	2.311
3.2) Data	-	-	-	0.050	-	0.050	-	-	-	-	-	0.464

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0538 - P-3 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): P-3 MISSION SYSTEMS(OSIP 006-08) - 8

Models of Systems Affected: P-3C	Type Modification: Operational Improvement	Related RDT&E PEs:
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
3.3) Training Equipment	-	-	-	0.050	-	0.050	-	-	-	-	-	1.269
3.4) Support Equipment	-	-	-	-	-	-	-	-	-	-	-	0.274
3.5) ILS	-	0.075	-	0.050	-	0.300	-	-	-	-	-	0.776
3.6) Other Support	-	0.864	-	1.359	-	1.655	-	0.234	-	-	-	18.624
3.7) Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	-
Total Support Cost		1.096		1.559		2.105		0.234		0.000		23.718
Procurement Cost (Procurement + Support)		1.581		3.142		4.339		1.630		0.000		57.383
Total Installation Cost		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		1.581		3.142		4.339		1.630		0.000		57.383

Remarks:

Manufacturer Information: P-3 MISSION SYSTEMS(OSIP 006-08)

Manufacturer Name: Manufacturer Name Not Provided.	Manufacturer Location: Manufacturer Location Not Provided.
Administrative Leadtime (in Months):	Production Leadtime (in Months):

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates							
Delivery Dates							

Installation: P-3 MISSION SYSTEMS(OSIP 006-08)	Method of Implementation: Not Installed - BMUP Tech Refresh/ Insertion	Installation Quantity: 7
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Installation: P-3 MISSION SYSTEMS(OSIP 006-08)	Method of Implementation: Not Installed - ADSS w/OASIS Functionality (IP Replacement)	Installation Quantity: 57
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Installation: P-3 MISSION SYSTEMS(OSIP 006-08)	Method of Implementation: Not Installed - APS 137 Radar Tech Refresh/Insertion	Installation Quantity: 55
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Installation: P-3 MISSION SYSTEMS(OSIP 006-08)	Method of Implementation: Not Installed - Tactical Mission Computer	Installation Quantity: 63
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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0538 - P-3 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): P-3 MISSION SYSTEMS(OSIP 006-08) - 8
Models of Systems Affected: P-3C	Type Modification: Operational Improvement	Related RDT&E PEs:
Installation: P-3 MISSION SYSTEMS(OSIP 006-08)	Method of Implementation: Not Installed - Integrated Tactical Picture	Installation Quantity: 44
Installation: P-3 MISSION SYSTEMS(OSIP 006-08)	Method of Implementation: Not Installed - Advanced Data Storage System	Installation Quantity: 16
Installation: P-3 MISSION SYSTEMS(OSIP 006-08)	Method of Implementation: Not Installed - BMUP Sustainment Upgrades	Installation Quantity: 16
Installation: P-3 MISSION SYSTEMS(OSIP 006-08)	Method of Implementation: Not Installed - Fleet Response	Installation Quantity: 43
Installation: P-3 MISSION SYSTEMS(OSIP 006-08)	Method of Implementation: Not Installed - P-3 Obsolescence Upgrades	Installation Quantity: 43

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Exhibit P-3A, Individual Modification: PB 2013 Navy							Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0538 - P-3 Series				Modification Nomenclature (<i>Modification Title, Modification Number</i>): Inactive OSIPs - 9				

Models of Systems Affected: [No Model Specified] **Type Modification:** [No Modification Type Specified] **Related RDT&E PEs:**

Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	125.400	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	125.400
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	125.400	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	125.400
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	125.400	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	125.400

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0538 - P-3 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Inactive OSIPs - 9

Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs:
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
Inactive OSIPs												
B Kits												
NonRecurring												
2.2.1) Inactive OSIPs - Organic	-	125.400	-	-	-	-	-	-	-	-	-	-
<i>Subtotal NonRecurring</i>		125.400		0.000		0.000		0.000		0.000		0.000
<i>Total, Inactive OSIPs</i>	-	125.400	-	-	-	-	-	-	-	-	-	-
<i>Total, All Modifications</i>		125.400		0.000		0.000		0.000		0.000		0.000
Support												
3.1) New Cost Element.	-	0.000	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
<i>Procurement Cost (Procurement + Support)</i>		125.400		0.000		0.000		0.000		0.000		0.000
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		125.400		0.000		0.000		0.000		0.000		0.000

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
Inactive OSIPs												
B Kits												
NonRecurring												
2.2.1) Inactive OSIPs - Organic	-	-	-	-	-	-	-	-	-	-	-	125.400
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		125.400
<i>Total, Inactive OSIPs</i>	-	-	-	-	-	-	-	-	-	-	-	125.400
<i>Total, All Modifications</i>		0.000		0.000		0.000		0.000		0.000		125.400
Support												
3.1) New Cost Element.	-	-	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0538 - P-3 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Inactive OSIPs - 9

Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs:
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
<i>Procurement Cost (Procurement + Support)</i>		0.000		0.000		0.000		0.000		0.000		125.400
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		0.000		0.000		0.000		0.000		0.000		125.400

Remarks:

Manufacturer Information: Inactive OSIPs

Manufacturer Name: Manufacturer Name Not Provided. Manufacturer Location: Manufacturer Location Not Provided.

Administrative Leadtime (*in Months*): Production Leadtime (*in Months*):

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates							
Delivery Dates							

Installation: Inactive OSIPs

Method of Implementation: No Quantities Associated with Install **Installation Quantity:** 0

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Exhibit P-3A, Individual Modification: PB 2013 Navy							Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0538 - P-3 Series				Modification Nomenclature <i>(Modification Title, Modification Number):</i> DAWDF REALIGNMENT - 10				

Models of Systems Affected: [No Model Specified] **Type Modification:** [No Modification Type Specified] **Related RDT&E PEs:**

Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	1.043	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.043
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	1.043	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.043
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	1.043	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.043

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0538 - P-3 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): DAWDF REALIGNMENT - 10

Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs:
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
DAWDF REALIGNMENT												
B Kits												
NonRecurring												
2.2.1) DAWDF REALIGNMENT - Organic	-	1.043	-	-	-	-	-	-	-	-	-	-
<i>Subtotal NonRecurring</i>		1.043		0.000		0.000		0.000		0.000		0.000
<i>Total, DAWDF REALIGNMENT</i>	-	1.043	-	-	-	-	-	-	-	-	-	-
<i>Total, All Modifications</i>		1.043		0.000		0.000		0.000		0.000		0.000
Support												
3.1) New Cost Element.	-	0.000	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
<i>Procurement Cost (Procurement + Support)</i>		1.043		0.000		0.000		0.000		0.000		0.000
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		1.043		0.000		0.000		0.000		0.000		0.000

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
DAWDF REALIGNMENT												
B Kits												
NonRecurring												
2.2.1) DAWDF REALIGNMENT - Organic	-	-	-	-	-	-	-	-	-	-	-	1.043
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		1.043
<i>Total, DAWDF REALIGNMENT</i>	-	-	-	-	-	-	-	-	-	-	-	1.043
<i>Total, All Modifications</i>		0.000		0.000		0.000		0.000		0.000		1.043
Support												
3.1) New Cost Element.	-	-	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0538 - P-3 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): DAWDF REALIGNMENT - 10

Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs:
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
<i>Procurement Cost (Procurement + Support)</i>		0.000		0.000		0.000		0.000		0.000		1.043
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		0.000		0.000		0.000		0.000		0.000		1.043

Remarks:

Manufacturer Information: DAWDF REALIGNMENT

Manufacturer Name: Manufacturer Name Not Provided. Manufacturer Location: Manufacturer Location Not Provided.

Administrative Leadtime (in Months): Production Leadtime (in Months):

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates							
Delivery Dates							

Installation: DAWDF REALIGNMENT	Method of Implementation: No Quantities Associated with Install	Installation Quantity: 0
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Exhibit P-40, Budget Item Justification Sheet: PB 2013 Navy **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 1506N : Aircraft Procurement, Navy / BA 5 : Modification of Aircraft / BSA 1 : Modification Of Aircraft	P-1 Line Item Nomenclature: 0544 - E-2 Series
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ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	1,294.844	66.557	29.215	16.322	-	16.322	31.132	35.682	35.650	36.229	99.771	1,645.402
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	1,294.844	66.557	29.215	16.322	-	16.322	31.132	35.682	35.650	36.229	99.771	1,645.402
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	1,294.844	66.557	29.215	16.322	-	16.322	31.132	35.682	35.650	36.229	99.771	1,645.402

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

This line item funds modifications to the E-2 aircraft. The E-2 is an all weather, carrier based, airborne early warning and command and control aircraft that extends task force defense perimeters by providing early warning of approaching enemy units and by vectoring interceptors into attack position. Additionally, the HAWKEYE provides strike control, radar surveillance, search and rescue assistance, communications relay and automatic tactical data exchange. The E-2 aircraft design service life is 10,000 flight hours with an average service life remaining through FY2020. The E-2 is a critical element of the Navy's Cooperative Engagement Capability (CEC). As the result of technological advancements, the Commercial-Off-The-Shelf (COTS) hardware/software of the Mission Computer (MCU) will change or become obsolete in the very near future.

The Technology Insertion OSIP (5-01) supports assembly, validation and configuration management of COTS hardware and software of the MCU. The Reliability Enhancements OSIP (22-09) funds radar reliability improvement, cockpit lighting, radar altimeter improvements and In-Flight Propeller Balancing System. High Frequency Internet-Protocol OSIP (2-10) provides Internet-Protocol Networking capability to 31 E-2C (Hawkeye 2000/MCU) aircraft, utilizing existing High Frequency radio set and new airborne Advanced Digital Networking System (ADNS) Internet Protocol router/gateway. The Critical Avionics OSIP (12-10) funds the obsolescence and hazard mitigation efforts for all primary and secondary sensors, communication media and basic navigation aids. The Automatic Identification System (AIS) OSIP (2-11), will integrate this system into the E-2 mission computer and provide for a means to transfer AIS data from the aircraft to the warships inflight. The Radar Improvement program OSIP (5-11) supports portions of it's APS-145 Radar architecture dated from the 1960s and serious obsolescence issues are expected to disrupt normal operations if left unmitigated. The Dual Transmit Satellite Communications OSIP (8-14), provides the E-2 with an additional Satellite Communications radio satisfying a capability gap that is identified in Operation Enduring Freedom. The MODE 5/S OSIP (9-14) replaces the National Security Administration (NSA) de-certified Mode 4 Identification Friend or Foe capability, which is no longer effective or suitable for modern military operations. Mode 5/S will support the Joint Initial Operational Capability as defined by the Joint Requirements Oversight Council. The CEC Upgrade OSIP (10-14), will procure CEC Signal Data Processors(SDP) and install kits. The CEC SDP corrects the reliability and availability issues noted during USG-3 Operational Evaluation in addition to CEC Crypto Modernization for the E-2C aircraft. The E-2D Avionics OSIP (11-14) will fund the ARC-210 Gen 5 and Multifunctional Information Distribution System - Low Volume Terminal upgrades required to remain compliant with NSA Directives, as well as Ultra High Frequency (UHF) Guard Radio upgrades which allows the aircrew to monitor the emergency UHF Frequency (243 MHz). The LINK 16 OSIP (1-16), will address E-2C flight and mission critical avionics obsolescence and fact-of-life sustainment issues required to maintain current operational capabilities.

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Exhibit P-40, Budget Item Justification Sheet: PB 2013 Navy **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity:
 1506N : Aircraft Procurement, Navy / BA 5 : Modification of Aircraft / BSA 1 :
 Modification Of Aircraft

P-1 Line Item Nomenclature:
 0544 - E-2 Series

ID Code (A=Service Ready, B=Not Service Ready) : A **Program Elements for Code B Items:** **Other Related Program Elements:**

Item Schedule		ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
005-01 Technology Insertion - 1	P3A		-	-	85.195	-	-	7.927	-	-	8.978	-	-	8.223	-	-	0.000	-	-	8.223
022-09 Reliability Enhancements - 2	P3A		-	-	25.999	-	-	20.001	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000
002-10 High Frequency Internet Protocol - 3	P3A		-	-	0.246	-	-	2.384	-	-	1.336	-	-	1.618	-	-	0.000	-	-	1.618
012-10 Critical Avionics - 4	P3A		-	-	12.539	-	-	30.950	-	-	14.402	-	-	3.216	-	-	0.000	-	-	3.216
002-11 Universal Automatic Information System - 5	P3A		-	-	0.000	-	-	0.653	-	-	0.100	-	-	0.100	-	-	0.000	-	-	0.100
005-11 Radar Improvement Program - 6	P3A		-	-	0.000	-	-	4.642	-	-	4.399	-	-	3.165	-	-	0.000	-	-	3.165
008-14 Dual Transmit SATCOM - 7	P3A		-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000
009-14 MODE 5/S - 8	P3A		-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000
010-14 CEC Upgrade - 9	P3A		-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000
011-14 E-2D Avionics - 10	P3A		-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000
001-16 LINK 16 (MIDS/JTIDS for E-2C) - 11	P3A		-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000
Inactive OSIPs - 12	P3A		-	-	1,170.865	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000
Total Gross/Weapon System Cost					1,294.844			66.557			29.215			16.322			-			16.322

Item Nomenclature*	Exhibits	ID CD	FY 2014			FY 2015			FY 2016			FY 2017			To Complete			Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
005-01 Technology Insertion - 1	P3A		-	-	10.091	-	-	10.232	-	-	10.976	-	-	11.175	-	-	42.599	-	-	195.396
022-09 Reliability Enhancements - 2	P3A		-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	46.000
002-10 High Frequency Internet Protocol - 3	P3A		-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	5.584
012-10 Critical Avionics - 4	P3A		-	-	1.038	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	62.145
002-11 Universal Automatic Information System - 5	P3A		-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.853
005-11 Radar Improvement Program - 6	P3A		-	-	3.049	-	-	2.799	-	-	0.000	-	-	0.000	-	-	0.000	-	-	18.054
008-14 Dual Transmit SATCOM - 7	P3A		-	-	2.811	-	-	2.744	-	-	2.768	-	-	3.182	-	-	24.640	-	-	36.145
009-14 MODE 5/S - 8	P3A		-	-	3.821	-	-	3.322	-	-	3.432	-	-	3.945	-	-	7.925	-	-	22.445
010-14 CEC Upgrade - 9	P3A		-	-	7.999	-	-	10.250	-	-	5.853	-	-	6.732	-	-	6.405	-	-	37.239

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Exhibit P-40, Budget Item Justification Sheet: PB 2013 Navy **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 1506N : Aircraft Procurement, Navy / BA 5 : Modification of Aircraft / BSA 1 : Modification Of Aircraft	P-1 Line Item Nomenclature: 0544 - E-2 Series
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ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:
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Item Nomenclature*	Exhibits	ID CD	FY 2014			FY 2015			FY 2016			FY 2017			To Complete			Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
011-14 E-2D Avionics - 10	P3A		-	-	2.323	-	-	6.335	-	-	6.999	-	-	8.045	-	-	17.527	-	-	41.229
001-16 LINK 16 (MIDS/ JTIDS for E-2C) - 11	P3A		-	-	0.000	-	-	0.000	-	-	5.622	-	-	3.150	-	-	0.675	-	-	9.447
Inactive OSIPs - 12	P3A		-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	1,170.865
Total Gross/Weapon System Cost					31.132			35.682			35.650			36.229			99.771			1,645.402

*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.

Justification:

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0544 - E-2 Series	Modification Nomenclature <i>(Modification Title, Modification Number):</i> 005-01 Technology Insertion - 1

Models of Systems Affected: E-2C	Type Modification: Mission Performance Enhancement	Related RDT&E PEs:
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	85.195	7.927	8.978	8.223	0.000	8.223	10.091	10.232	10.976	11.175	42.599	195.396
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	85.195	7.927	8.978	8.223	0.000	8.223	10.091	10.232	10.976	11.175	42.599	195.396
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	85.195	7.927	8.978	8.223	0.000	8.223	10.091	10.232	10.976	11.175	42.599	195.396

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

Commercial technology obsolescence drives hardware and software changes in Computing Resources for the E-2 Aircraft. Funding is required to support capability for assembly, validation, and configuration management of Commercial Off-The- Shelf (COTS) hardware/software provided to fleet squadrons and updated on a 4 - year technology cycle. Specific examples include video boards, memory boards, Computer Processing Units cards, compilers, middleware, backplanes, and operating systems that will change or become obsolete.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES:

The E-2 Program Support Activity will insure software is upgraded, revised, and integrated so it functions with the versions of the COTS hardware and software delivered. The integration effort must start no less than one year prior to the delivery.

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Exhibit P-3A, Individual Modification: PB 2013 Navy										Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1					P-1 Line Item Nomenclature: 0544 - E-2 Series					Modification Nomenclature (<i>Modification Title, Modification Number</i>): 005-01 Technology Insertion - 1			
Models of Systems Affected: E-2C					Type Modification: Mission Performance Enhancement					Related RDT&E PEs:			
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
005-01 Technology Insertion													
A Kits													
Recurring													
1.1.1) OCO Maritime Automatic Identification System - Organic													
	42	0.738	-	-	-	-	-	-	-	-	-	-	
<i>Subtotal Recurring</i>		0.738		0.000		0.000		0.000		0.000		0.000	
NonRecurring													
1.2.1) OCO Maritime Automatic Identification System - Organic													
	-	0.094	-	-	-	-	-	-	-	-	-	-	
<i>Subtotal NonRecurring</i>		0.094		0.000		0.000		0.000		0.000		0.000	
<i>Total, 005-01 Technology Insertion</i>		42	0.832	-	-	-	-	-	-	-	-	-	
<i>Total, All Modifications</i>			0.832		0.000		0.000		0.000		0.000	0.000	
Support													
3.1) Data													
	-	0.712	-	0.050	-	0.050	-	0.050	-	-	-	0.050	
3.2) Engineering Change Orders													
	-	0.000	-	-	-	-	-	-	-	-	-	-	
3.3) Training Equipment													
	-	0.000	-	-	-	-	-	-	-	-	-	-	
3.4) Support Equipment													
	-	0.000	-	-	-	-	-	-	-	-	-	-	
3.5) ILS													
	-	4.371	-	0.501	-	0.516	-	0.531	-	-	-	0.531	
3.6) Other Support													
	-	79.280	-	7.376	-	8.412	-	7.642	-	-	-	7.642	
3.7) Interim Contractor Support													
	-	0.000	-	-	-	-	-	-	-	-	-	-	
<i>Total Support Cost</i>		84.363		7.927		8.978		8.223		0.000		8.223	
<i>Procurement Cost (Procurement + Support)</i>		85.195		7.927		8.978		8.223		0.000		8.223	
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000	
Total Cost (Procurement + Support + Installation)		85.195		7.927		8.978		8.223		0.000		8.223	
Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
005-01 Technology Insertion													

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0544 - E-2 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): 005-01 Technology Insertion - 1

Models of Systems Affected: E-2C	Type Modification: Mission Performance Enhancement	Related RDT&E PEs:
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
A Kits												
Recurring												
1.1.1) OCO Maritime Automatic Identification System - Organic	-	-	-	-	-	-	-	-	-	-	42	0.738
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		0.738
NonRecurring												
1.2.1) OCO Maritime Automatic Identification System - Organic	-	-	-	-	-	-	-	-	-	-	-	0.094
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		0.094
<i>Total, 005-01 Technology Insertion</i>	-	-	-	-	-	-	-	-	-	-	42	0.832
<i>Total, All Modifications</i>		0.000		0.000		0.000		0.000		0.000		0.832
Support												
3.1) Data	-	0.050	-	0.050	-	0.050	-	0.050	-	0.175	-	1.237
3.2) Engineering Change Orders	-	-	-	-	-	-	-	-	-	-	-	-
3.3) Training Equipment	-	-	-	-	-	-	-	-	-	-	-	-
3.4) Support Equipment	-	-	-	-	-	-	-	-	-	-	-	-
3.5) ILS	-	0.547	-	0.564	-	0.348	-	0.359	-	4.410	-	12.147
3.6) Other Support	-	9.494	-	9.618	-	10.578	-	10.766	-	38.014	-	181.180
3.7) Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		10.091		10.232		10.976		11.175		42.599		194.564
<i>Procurement Cost (Procurement + Support)</i>		10.091		10.232		10.976		11.175		42.599		195.396
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		10.091		10.232		10.976		11.175		42.599		195.396

Remarks:

Manufacturer Information: 005-01 Technology Insertion			
Manufacturer Name: Manufacturer Name Not Provided.		Manufacturer Location: Manufacturer Location Not Provided.	
Administrative Leadtime (in Months):		Production Leadtime (in Months):	

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates							

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Exhibit P-3A, Individual Modification: PB 2013 Navy						Date: February 2012	
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1			P-1 Line Item Nomenclature: 0544 - E-2 Series			Modification Nomenclature <i>(Modification Title, Modification Number):</i> 005-01 Technology Insertion - 1	
Models of Systems Affected: E-2C			Type Modification: Mission Performance Enhancement			Related RDT&E PEs:	
Manufacturer Information: 005-01 Technology Insertion							
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Delivery Dates							
Installation: 005-01 Technology Insertion			Method of Implementation: Organic - OCO Maritime Automatic Identification System			Installation Quantity: 42	

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0544 - E-2 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): 022-09 Reliability Enhancements - 2

Models of Systems Affected: E-2C	Type Modification: Mission Performance Enhancements	Related RDT&E PEs:
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	25.999	20.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	46.000
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	25.999	20.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	46.000
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	25.999	20.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	46.000

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

FY 09 funding provides for Radar Reliability Improvement, Cockpit Lighting and Radar Altimeter Improvements. The Radar Reliability effort will improve the reliability of the number one degrader of the E-2C, the APS-145 radar. Cockpit Lighting Improvements will address the readiness and safety of flight issues associated with frequent inoperative and intermittent flight instrument lighting associated with outdated lighting configuration. Radar Altimeter is currently considered an ineffective Safety of Flight instrument. Radar Altimeter Improvement will relocate low altitude warning light to the aircrews normal scan, and provide dimming capability. FY10 funding provides for future Radar Reliability Improvements. The Radar Reliability effort will improve the reliability of E-2C APS-145 Radar degraders associated with frequent inoperative and intermittent functionality to include improvements to a transmitter high power unit and the liquid coolant sub system. FY 11 funding will provide for E-2C (Group II) HF Radio Communication System (ICS), E-2C AIC-14A Intercommunication System and E-2C Common Sensor (Normal and Lateral Accelerometers) Reliability Improvements. The E-2C (Group II) HF Radio Communication System effort will improve system reliability by addressing premature catastrophic "high cycle fatigue" antenna failures due to excessive structural loading caused by horizontal stabilizer mounting placement. The ICS redesign efforts: form/fit replacement of the E-2C AN/AIC-14A C-12156 and C-2645D control boxes will greatly enhance system reliability. Identified solution is a mature technology - replacement of which will greatly decrease necessary maintenance man-hours and depot repair AVDLR funding requirements. E-2C Common Sensor enhancement replaces legacy Automated Flight Control System (AFCS) Normal and Lateral Accelerometer sensors with newer technology, solid state design. Working in conjunction with current Rate Gyro replacement efforts, this common sensor group directly improves AFCS safety, accuracy and existing reliability problems. Funding will provide a replacement CEC High Power switch for E-2C HE2K aircraft. The CEC High Power Switch is a component of the E-2C HE2K CEC antenna array. This switch is unique to the E-2C since the E-2D uses a low power switch that is not compatible with the E-2C CEC system. The supplier of the switch has indicated that they will no longer produce this switch. Currently there is a limited number of these switches in supply and a suitable replacement needs to be developed. Failure to develop this new replacement switch will result in degraded CEC network performance and non-operational CEC systems.

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Exhibit P-3A, Individual Modification: PB 2013 Navy										Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1					P-1 Line Item Nomenclature: 0544 - E-2 Series					Modification Nomenclature (<i>Modification Title, Modification Number</i>): 022-09 Reliability Enhancements - 2			
Models of Systems Affected: E-2C					Type Modification: Mission Performance Enhancements					Related RDT&E PEs:			
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
022-09 Reliability Enhancements													
A Kits													
Recurring													
1.1.1) Reliability Enhancements - A Kits - NonOrganic ⁽¹⁾													
	101	0.966	35	1.680	-	-	-	-	-	-	-	-	
1.1.2) Reliability Enhancements - A1 Kits - Organic													
	-	-	130	6.309	-	-	-	-	-	-	-	-	
<i>Subtotal Recurring</i>													
		0.966		7.989		0.000		0.000		0.000		0.000	
NonRecurring													
1.2.1) Reliability Enhancements - B Kits - NonOrganic													
	-	0.373	-	4.365	-	-	-	-	-	-	-	-	
<i>Subtotal NonRecurring</i>													
		0.373		4.365		0.000		0.000		0.000		0.000	
B Kits													
Recurring													
2.1.1) Install Equipment - Organic													
	208	9.763	-	-	-	-	-	-	-	-	-	-	
<i>Subtotal Recurring</i>													
		9.763		0.000		0.000		0.000		0.000		0.000	
NonRecurring													
2.2.1) Install Equipment N/R - Organic													
	-	4.816	-	-	-	-	-	-	-	-	-	-	
<i>Subtotal NonRecurring</i>													
		4.816		0.000		0.000		0.000		0.000		0.000	
<i>Total, 022-09 Reliability Enhancements</i>													
	309	15.918	165	12.354	-	-	-	-	-	-	-	-	
<i>Total, All Modifications</i>													
		15.918		12.354		0.000		0.000		0.000		0.000	
Support													
3.1) Data													
	-	1.034	-	0.180	-	-	-	-	-	-	-	-	
3.2) Engineering Change Orders													
	-	0.000	-	-	-	-	-	-	-	-	-	-	
3.3) Training Equip													
	11	0.599	-	-	-	-	-	-	-	-	-	-	
3.4) Support Equip													
	12	1.766	-	2.250	-	-	-	-	-	-	-	-	
3.5) ILS													
	-	1.760	-	0.620	-	-	-	-	-	-	-	-	
3.6) Other Support													
	-	2.780	-	3.711	-	-	-	-	-	-	-	-	
3.7) Interim Contractor Support													
	-	0.000	-	-	-	-	-	-	-	-	-	-	
<i>Total Support Cost</i>													
		7.939		6.761		0.000		0.000		0.000		0.000	

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0544 - E-2 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): 022-09 Reliability Enhancements - 2

Models of Systems Affected: E-2C	Type Modification: Mission Performance Enhancements	Related RDT&E PEs:
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement Cost (Procurement + Support)		23.857		19.115		0.000		0.000		0.000		0.000
Total Installation Cost		2.142		0.886		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		25.999		20.001		0.000		0.000		0.000		0.000

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
022-09 Reliability Enhancements												
A Kits												
Recurring												
1.1.1) Reliability Enhancements - A Kits - NonOrganic ⁽¹⁾	-	-	-	-	-	-	-	-	-	-	136	2.646
1.1.2) Reliability Enhancements - A1 Kits - Organic	-	-	-	-	-	-	-	-	-	-	130	6.309
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		8.955
NonRecurring												
1.2.1) Reliability Enhancements - B Kits - NonOrganic	-	-	-	-	-	-	-	-	-	-	-	4.738
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		4.738
B Kits												
Recurring												
2.1.1) Install Equipment - Organic	-	-	-	-	-	-	-	-	-	-	208	9.763
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		9.763
NonRecurring												
2.2.1) Install Equipment N/R - Organic	-	-	-	-	-	-	-	-	-	-	-	4.816
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		4.816
<i>Total, 022-09 Reliability Enhancements</i>	-	-	-	-	-	-	-	-	-	-	474	28.272
<i>Total, All Modifications</i>		0.000		0.000		0.000		0.000		0.000		28.272
Support												
3.1) Data	-	-	-	-	-	-	-	-	-	-	-	1.214

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0544 - E-2 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): 022-09 Reliability Enhancements - 2

Models of Systems Affected: E-2C	Type Modification: Mission Performance Enhancements	Related RDT&E PEs:
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
3.2) Engineering Change Orders	-	-	-	-	-	-	-	-	-	-	-	-
3.3) Training Equip	-	-	-	-	-	-	-	-	-	-	11	0.599
3.4) Support Equip	-	-	-	-	-	-	-	-	-	-	12	4.016
3.5) ILS	-	-	-	-	-	-	-	-	-	-	-	2.380
3.6) Other Support	-	-	-	-	-	-	-	-	-	-	-	6.491
3.7) Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	-
Total Support Cost		0.000		0.000		0.000		0.000		0.000		14.700
Procurement Cost (Procurement + Support)		0.000		0.000		0.000		0.000		0.000		42.972
Total Installation Cost		0.000		0.000		0.000		0.000		0.000		3.028
Total Cost (Procurement + Support + Installation)		0.000		0.000		0.000		0.000		0.000		46.000

Remarks:

⁽¹⁾FY11 Congressional Add funds 35 installs in FY12, other 130 installs are O-Level.

Manufacturer Information: 022-09 Reliability Enhancements

Manufacturer Name: Reliability Enhancements	Manufacturer Location: Not Specified
Administrative Leadtime (in Months): 0	Production Leadtime (in Months): 0

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates	Sep 2011						
Delivery Dates	Sep 2012						

Installation: 022-09 Reliability Enhancements **Method of Implementation:** Depot-Level Field Team Modification **Installation Name:** Reliability Enhancements - A Kits

Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	101	2.142	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	0	0.886	35	0.000	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0544 - E-2 Series
Models of Systems Affected: E-2C		Modification Nomenclature (Modification Title, Modification Number): 022-09 Reliability Enhancements - 2
Type Modification: Mission Performance Enhancements		Related RDT&E PEs:

Installation: 022-09 Reliability Enhancements	Method of Implementation: Depot-Level Field Team Modification	Installation Name: Reliability Enhancements - A Kits
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	101	2.142	0	0.886	35	0.000	-	-	-	-	-	-

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	101	2.142
FY 2011	-	-	-	-	-	-	-	-	-	-	35	0.886
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	136	3.028

Installation Schedule																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	101	-	-	-	-	9	9	9	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	136
Out	101	-	-	-	-	9	9	9	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	136

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0544 - E-2 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): 022-09 Reliability Enhancements - 2
Models of Systems Affected: E-2C	Type Modification: Mission Performance Enhancements	Related RDT&E PEs:
Installation: 022-09 Reliability Enhancements	Method of Implementation: Organic - Reliability Enhancements - A1 Kits	Installation Quantity: 130
Installation: 022-09 Reliability Enhancements	Method of Implementation: Not Installed - Install Equipment	Installation Quantity: 208
Installation: 022-09 Reliability Enhancements	Method of Implementation: Not Installed - Training Equip	Installation Quantity: 11
Installation: 022-09 Reliability Enhancements	Method of Implementation: Not Installed - Support Equip	Installation Quantity: 12

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0544 - E-2 Series	Modification Nomenclature <i>(Modification Title, Modification Number):</i> 002-10 High Frequency Internet Protocol - 3

Models of Systems Affected: E-2C	Type Modification: MISSION PERFORMANCE ENHANCEMENTS	Related RDT&E PEs: 0204152N
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	0.246	2.384	1.336	1.618	0.000	1.618	0.000	0.000	0.000	0.000	0.000	5.584
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	0.246	2.384	1.336	1.618	0.000	1.618	0.000	0.000	0.000	0.000	0.000	5.584
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	0.246	2.384	1.336	1.618	0.000	1.618	0.000	0.000	0.000	0.000	0.000	5.584

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

This funding will integrate and test the High Frequency (HF) radio and Mission Computer hardware and software modifications and additions to provide an E-2 HF digital data communications path, allowing for E-2 connectivity with other HF Internet Protocol users.

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Exhibit P-3A, Individual Modification: PB 2013 Navy										Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1					P-1 Line Item Nomenclature: 0544 - E-2 Series					Modification Nomenclature (<i>Modification Title, Modification Number</i>): 002-10 High Frequency Internet Protocol - 3			
Models of Systems Affected: E-2C					Type Modification: MISSION PERFORMANCE ENHANCEMENTS					Related RDT&E PEs: 0204152N			
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
002-10 High Frequency Internet Protocol													
A Kits													
Recurring													
1.1.1) HFIP - NonOrganic													
	-	-	20	1.672	7	0.391	-	-	-	-	-	-	
<i>Subtotal Recurring</i>		0.000		1.672		0.391		0.000		0.000		0.000	
B Kits													
Recurring													
2.1.1) HFIP - NonOrganic													
	8	0.216	12	0.312	7	0.197	-	-	-	-	-	-	
<i>Subtotal Recurring</i>		0.216		0.312		0.197		0.000		0.000		0.000	
<i>Total, 002-10 High Frequency Internet Protocol</i>		8	0.216	32	1.984	14	0.588	-	-	-	-	-	
<i>Total, All Modifications</i>			0.216		1.984		0.588		0.000		0.000	0.000	
Support													
3.1) ILS													
	-	0.030	-	0.400	-	0.106	-	0.021	-	-	-	0.021	
3.2) Engineering Change Orders													
	-	0.000	-	-	-	-	-	-	-	-	-	-	
3.3) Data													
	-	0.000	-	-	-	-	-	-	-	-	-	-	
3.4) Training Equipment													
	-	0.000	-	-	-	-	-	-	-	-	-	-	
3.5) Support Equipment													
	-	0.000	-	-	-	-	-	-	-	-	-	-	
3.6) Other Support													
	-	0.000	-	-	-	-	-	-	-	-	-	-	
3.7) Interim Contractor Support													
	-	0.000	-	-	-	-	-	-	-	-	-	-	
<i>Total Support Cost</i>		0.030		0.400		0.106		0.021		0.000		0.021	
<i>Procurement Cost (Procurement + Support)</i>		0.246		2.384		0.694		0.021		0.000		0.021	
<i>Total Installation Cost</i>		0.000		0.000		0.642		1.597		0.000		1.597	
Total Cost (Procurement + Support + Installation)		0.246		2.384		1.336		1.618		0.000		1.618	

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0544 - E-2 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): 002-10 High Frequency Internet Protocol - 3

Models of Systems Affected: E-2C	Type Modification: MISSION PERFORMANCE ENHANCEMENTS	Related RDT&E PEs: 0204152N
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
002-10 High Frequency Internet Protocol												
A Kits												
Recurring												
1.1.1) HFIP - NonOrganic	-	-	-	-	-	-	-	-	-	-	27	2.063
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		2.063
B Kits												
Recurring												
2.1.1) HFIP - NonOrganic	-	-	-	-	-	-	-	-	-	-	27	0.725
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		0.725
<i>Total, 002-10 High Frequency Internet Protocol</i>	-	-	-	-	-	-	-	-	-	-	54	2.788
<i>Total, All Modifications</i>		0.000		0.000		0.000		0.000		0.000		2.788
Support												
3.1) ILS	-	-	-	-	-	-	-	-	-	-	-	0.557
3.2) Engineering Change Orders	-	-	-	-	-	-	-	-	-	-	-	-
3.3) Data	-	-	-	-	-	-	-	-	-	-	-	-
3.4) Training Equipment	-	-	-	-	-	-	-	-	-	-	-	-
3.5) Support Equipment	-	-	-	-	-	-	-	-	-	-	-	-
3.6) Other Support	-	-	-	-	-	-	-	-	-	-	-	-
3.7) Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		0.000		0.000		0.000		0.000		0.000		0.557
<i>Procurement Cost (Procurement + Support)</i>		0.000		0.000		0.000		0.000		0.000		3.345
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		2.239
Total Cost (Procurement + Support + Installation)		0.000		0.000		0.000		0.000		0.000		5.584

Remarks:

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0544 - E-2 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): 002-10 High Frequency Internet Protocol - 3

Models of Systems Affected: E-2C	Type Modification: MISSION PERFORMANCE ENHANCEMENTS	Related RDT&E PEs: 0204152N
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Manufacturer Information: 002-10 High Frequency Internet Protocol							
Manufacturer Name: HFIP				Manufacturer Location: Not Specified			
Administrative Leadtime (<i>in Months</i>): 0				Production Leadtime (<i>in Months</i>): 0			
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates	Nov 2010	Nov 2011					
Delivery Dates	Jan 2011	Jan 2012					

Installation: 002-10 High Frequency Internet Protocol	Method of Implementation: Depot Field Modification Team	Installation Name: HFIP
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	8	0.642	12	1.009	0	0.000	12	1.009
FY 2012	-	-	-	-	-	-	7	0.588	0	0.000	7	0.588
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	8	0.642	19	1.597	0	0.000	19	1.597

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	20	1.651
FY 2012	-	-	-	-	-	-	-	-	-	-	7	0.588
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0544 - E-2 Series
Models of Systems Affected: E-2C		Modification Nomenclature <i>(Modification Title, Modification Number):</i> 002-10 High Frequency Internet Protocol - 3
Type Modification: MISSION PERFORMANCE ENHANCEMENTS		Related RDT&E PEs: 0204152N

Installation: 002-10 High Frequency Internet Protocol		Method of Implementation: Depot Field Modification Team				Installation Name: HFIP						
Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	27	2.239

Installation Schedule																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	-	-	4	4	-	-	-	10	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	27
Out	-	-	-	-	-	-	4	4	-	-	-	10	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	27

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0544 - E-2 Series	Modification Nomenclature <i>(Modification Title, Modification Number):</i> 012-10 Critical Avionics - 4

Models of Systems Affected: E-2C	Type Modification: Mission Performance Enhancements	Related RDT&E PEs:
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	12.539	30.950	14.402	3.216	0.000	3.216	1.038	0.000	0.000	0.000	0.000	62.145
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	12.539	30.950	14.402	3.216	0.000	3.216	1.038	0.000	0.000	0.000	0.000	62.145
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	12.539	30.950	14.402	3.216	0.000	3.216	1.038	0.000	0.000	0.000	0.000	62.145

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

Critical Avionics addresses E-2 avionics obsolescence, reliability, functionality and hazard mitigation efforts for primary and secondary sensors, communication, and navigation systems. Improves the reliability and functionality of the current E-2 fixed wire High Frequency (HF) antenna which supports only a single radio and breaks often, creating safety and operational impacts by upgrading to an antenna suite which is more reliable, capable and provides multiple transmission paths on and off the aircraft. Addresses obsolescence and improves the reliability and functionality of the current HF radio set by upgrading to a more capable and reliable radio suite which includes automatic link establishment, secure data and voice capability and additional voice and data channels. Addresses obsolescence and improves the reliability and functionality of the current Satellite Communications receive system (MATT) radio by upgrading to a radio which can receive current and future broadcast waveforms, can communicate using current and future cryptographic algorithms and can be integrated with the E-2 weapons systems more effectively, reducing startup, load, and set up time and reducing operator workload and troubleshooting requirements. Addresses obsolescence and improves the reliability and functionality of the current Very/Ultra High Frequency radios by incorporating an improved ARC-210 radio which includes secure data and voice capability using current and future cryptographic algorithms and which includes a growth path to future applications such as Joint Precision Approach and Landing System. Improves the Cooperative Engagement Capability (CEC) system reliability which addresses significant obsolescence and crypto upgrade issues by replacement of four Weapon Replacement Assemblies (WRA) (3 processors and the receiver synthesizer) with a single WRA combining these functions. The replacement WRA will be common to E-2D, surface combatants and United States Marine Corp deployed versions of CEC.

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Exhibit P-3A, Individual Modification: PB 2013 Navy										Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1					P-1 Line Item Nomenclature: 0544 - E-2 Series					Modification Nomenclature (<i>Modification Title, Modification Number</i>): 012-10 Critical Avionics - 4			
Models of Systems Affected: E-2C					Type Modification: Mission Performance Enhancements					Related RDT&E PEs:			
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
012-10 Critical Avionics													
A Kits													
Recurring													
1.1.1) MATT REPLACEMENT - NonOrganic	1	0.018	16	0.332	11	0.208	-	-	-	-	-	-	
1.1.2) HF ANTENNA - NonOrganic	-	-	1	0.022	10	0.189	10	0.189	-	-	10	0.189	
1.1.3) HF RADIO - NonOrganic	1	0.189	16	2.249	11	1.569	-	-	-	-	-	-	
1.1.4) ARC-210 - Organic	-	-	15	0.014	-	-	-	-	-	-	-	-	
<i>Subtotal Recurring</i>		<i>0.207</i>		<i>2.617</i>		<i>1.966</i>		<i>0.189</i>		<i>0.000</i>		<i>0.189</i>	
NonRecurring													
1.2.1) Installation Kits N/R - Organic	-	4.936	-	1.444	-	0.032	-	-	-	-	-	-	
<i>Subtotal NonRecurring</i>		<i>4.936</i>		<i>1.444</i>		<i>0.032</i>		<i>0.000</i>		<i>0.000</i>		<i>0.000</i>	
B Kits													
Recurring													
2.1.1) MATT REPLACEMENT - Organic	1	0.390	16	1.833	11	1.044	-	-	-	-	-	-	
2.1.2) HF RADIO - Organic	1	0.180	16	2.720	11	1.870	-	-	-	-	-	-	
2.1.3) ARC-210 - Organic	1	0.232	14	3.716	-	-	-	-	-	-	-	-	
<i>Subtotal Recurring</i>		<i>0.802</i>		<i>8.269</i>		<i>2.914</i>		<i>0.000</i>		<i>0.000</i>		<i>0.000</i>	
<i>Total, 012-10 Critical Avionics</i>	<i>5</i>	<i>5.945</i>	<i>94</i>	<i>12.330</i>	<i>54</i>	<i>4.912</i>	<i>10</i>	<i>0.189</i>	<i>-</i>	<i>-</i>	<i>10</i>	<i>0.189</i>	
<i>Total, All Modifications</i>		<i>5.945</i>		<i>12.330</i>		<i>4.912</i>		<i>0.189</i>		<i>0.000</i>		<i>0.189</i>	
Support													
3.1) DATA	-	0.084	-	1.470	-	0.499	-	-	-	-	-	-	
3.2) Engineering Change Orders	-	0.000	-	-	-	-	-	-	-	-	-	-	
3.3) TRAINING EQUIP	-	-	5	5.433	-	0.400	-	-	-	-	-	-	
3.4) SUPPORT EQUIP	-	0.149	-	0.120	-	-	-	-	-	-	-	-	
3.5) ILS	-	0.390	-	1.199	-	1.570	-	0.346	-	-	-	0.346	
3.6) OTHER SUPPORT	-	5.971	-	10.161	-	4.481	-	1.046	-	-	-	1.046	
3.7) Interim Contractor Support	-	0.000	-	-	-	-	-	-	-	-	-	-	

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0544 - E-2 Series	Modification Nomenclature <i>(Modification Title, Modification Number):</i> 012-10 Critical Avionics - 4

Models of Systems Affected: E-2C	Type Modification: Mission Performance Enhancements	Related RDT&E PEs:
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
<i>Total Support Cost</i>		6.594		18.383		6.950		1.392		0.000		1.392
<i>Procurement Cost (Procurement + Support)</i>		12.539		30.713		11.862		1.581		0.000		1.581
<i>Total Installation Cost</i>		0.000		0.237		2.540		1.635		0.000		1.635
Total Cost (Procurement + Support + Installation)		12.539		30.950		14.402		3.216		0.000		3.216

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
012-10 Critical Avionics												
A Kits												
Recurring												
1.1.1) MATT REPLACEMENT - NonOrganic	-	-	-	-	-	-	-	-	-	-	28	0.558
1.1.2) HF ANTENNA - NonOrganic	7	0.136	-	-	-	-	-	-	-	-	28	0.536
1.1.3) HF RADIO - NonOrganic	-	-	-	-	-	-	-	-	-	-	28	4.007
1.1.4) ARC-210 - Organic	-	-	-	-	-	-	-	-	-	-	15	0.014
<i>Subtotal Recurring</i>		0.136		0.000		0.000		0.000		0.000		5.115
NonRecurring												
1.2.1) Installation Kits N/R - Organic	-	-	-	-	-	-	-	-	-	-	-	6.412
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		6.412
B Kits												
Recurring												
2.1.1) MATT REPLACEMENT - Organic	-	-	-	-	-	-	-	-	-	-	28	3.267
2.1.2) HF RADIO - Organic	-	-	-	-	-	-	-	-	-	-	28	4.770
2.1.3) ARC-210 - Organic	-	-	-	-	-	-	-	-	-	-	15	3.948
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		11.985
<i>Total, 012-10 Critical Avionics</i>	7	0.136	-	-	-	-	-	-	-	-	170	23.512
<i>Total, All Modifications</i>		0.136		0.000		0.000		0.000		0.000		23.512
Support												

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0544 - E-2 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): 012-10 Critical Avionics - 4

Models of Systems Affected: E-2C	Type Modification: Mission Performance Enhancements	Related RDT&E PEs:
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
3.1) DATA	-	-	-	-	-	-	-	-	-	-	-	2.053
3.2) Engineering Change Orders	-	-	-	-	-	-	-	-	-	-	-	-
3.3) TRAINING EQUIP	-	-	-	-	-	-	-	-	-	-	5	5.833
3.4) SUPPORT EQUIP	-	-	-	-	-	-	-	-	-	-	-	0.269
3.5) ILS	-	0.169	-	-	-	-	-	-	-	-	-	3.674
3.6) OTHER SUPPORT	-	-	-	-	-	-	-	-	-	-	-	21.659
3.7) Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	-
Total Support Cost		0.169		0.000		0.000		0.000		0.000		33.488
Procurement Cost (Procurement + Support)		0.305		0.000		0.000		0.000		0.000		57.000
Total Installation Cost		0.733		0.000		0.000		0.000		0.000		5.145
Total Cost (Procurement + Support + Installation)		1.038		0.000		0.000		0.000		0.000		62.145

Remarks:

Manufacturer Information: 012-10 Critical Avionics							
Manufacturer Name: MATT Replacement				Manufacturer Location: Depot Field Mod Team			
Administrative Leadtime (in Months): 6				Production Leadtime (in Months): 6			
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates	Mar 2011	Mar 2012					
Delivery Dates	Sep 2011	Sep 2012					
Manufacturer Name: HF Antenna				Manufacturer Location: Depot Field Mod Team			
Administrative Leadtime (in Months): 6				Production Leadtime (in Months): 6			
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates	Dec 2010	Dec 2011	Mar 2013	Dec 2013			
Delivery Dates	Jun 2011	Jun 2012	Sep 2013	Jun 2014			
Manufacturer Name: HF Radio				Manufacturer Location: Depot Field Mod Team			
Administrative Leadtime (in Months): 6				Production Leadtime (in Months): 6			
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates	Mar 2011	Mar 2012					

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0544 - E-2 Series
Models of Systems Affected: E-2C		Modification Nomenclature (Modification Title, Modification Number): 012-10 Critical Avionics - 4
Type Modification: Mission Performance Enhancements		Related RDT&E PEs:

Manufacturer Information: 012-10 Critical Avionics							
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Delivery Dates	Sep 2011	Sep 2012					

Installation: 012-10 Critical Avionics	Method of Implementation: Depot Field Mod Team	Installation Name: MATT REPLACEMENT
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	1	0.041	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	16	0.664	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	11	0.468	0	0.000	11	0.468
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	1	0.041	16	0.664	11	0.468	0	0.000	11	0.468

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	1	0.041
FY 2011	-	-	-	-	-	-	-	-	-	-	16	0.664
FY 2012	-	-	-	-	-	-	-	-	-	-	11	0.468
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0544 - E-2 Series
Models of Systems Affected: E-2C		Modification Nomenclature (Modification Title, Modification Number): 012-10 Critical Avionics - 4
Type Modification: Mission Performance Enhancements		Related RDT&E PEs:

Installation: 012-10 Critical Avionics		Method of Implementation: Depot Field Mod Team				Installation Name: MATT REPLACEMENT						
Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Total	-	-	-	-	-	-	-	-	-	-	28	1.173

Installation Schedule																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	1	-	-	-	4	4	4	4	4	3	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	28
Out	-	1	-	-	-	4	4	4	4	4	3	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	28

Installation: 012-10 Critical Avionics		Method of Implementation: Depot Field Mod Team				Installation Name: HF ANTENNA						
Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	1	0.040	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	7	0.287	3	0.126	0	0.000	3	0.126
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	1	0.040	7	0.287	3	0.126	0	0.000	3	0.126

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	1	0.040
FY 2012	-	-	-	-	-	-	-	-	-	-	10	0.413

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0544 - E-2 Series
Models of Systems Affected: E-2C		Modification Nomenclature (<i>Modification Title, Modification Number</i>): 012-10 Critical Avionics - 4
Type Modification: Mission Performance Enhancements		Related RDT&E PEs:

Installation: 012-10 Critical Avionics		Method of Implementation: Depot Field Mod Team				Installation Name: HF ANTENNA						
Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
FY 2013	10	0.431	-	-	-	-	-	-	-	-	10	0.431
FY 2014	7	0.302	-	-	-	-	-	-	-	-	7	0.302
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	17	0.733	-	-	-	-	-	-	-	-	28	1.186

Installation Schedule																																			
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot				
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4						
In	-	-	-	-	1	-	-	-	-	7	3	-	-	-	10	-	-	-	-	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	28
Out	-	-	-	-	1	-	-	-	-	7	3	-	-	-	10	-	-	-	-	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	28

Installation: 012-10 Critical Avionics		Method of Implementation: Depot Field Mod Team				Installation Name: HF RADIO						
Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	1	0.156	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	16	1.589	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	11	1.041	0	0.000	11	1.041
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	1	0.156	16	1.589	11	1.041	0	0.000	11	1.041

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0544 - E-2 Series
Models of Systems Affected: E-2C		Modification Nomenclature (Modification Title, Modification Number): 012-10 Critical Avionics - 4
Type Modification: Mission Performance Enhancements		Related RDT&E PEs:

Installation: 012-10 Critical Avionics	Method of Implementation: Depot Field Mod Team	Installation Name: HF RADIO
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Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	1	0.156
FY 2011	-	-	-	-	-	-	-	-	-	-	16	1.589
FY 2012	-	-	-	-	-	-	-	-	-	-	11	1.041
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	28	2.786

Installation Schedule																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	1	-	-	-	4	4	4	4	4	3	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	28
Out	-	1	-	-	-	4	4	4	4	4	3	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	28

Installation: 012-10 Critical Avionics	Method of Implementation: Not Installed - ARC-210	Installation Quantity: 15
Installation: 012-10 Critical Avionics	Method of Implementation: Not Installed - MATT REPLACEMENT	Installation Quantity: 28
Installation: 012-10 Critical Avionics	Method of Implementation: Not Installed - HF RADIO	Installation Quantity: 28
Installation: 012-10 Critical Avionics	Method of Implementation: Not Installed - ARC-210	Installation Quantity: 15
Installation: 012-10 Critical Avionics	Method of Implementation: Not Installed - TRAINING EQUIP	Installation Quantity: 5

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0544 - E-2 Series	Modification Nomenclature <i>(Modification Title, Modification Number):</i> 002-11 Universal Automatic Information System - 5

Models of Systems Affected: E-2C	Type Modification: Mission Performance Enhancements	Related RDT&E PEs:
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	0.000	0.653	0.100	0.100	0.000	0.100	0.000	0.000	0.000	0.000	0.000	0.853
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	0.000	0.653	0.100	0.100	0.000	0.100	0.000	0.000	0.000	0.000	0.000	0.853
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	0.000	0.653	0.100	0.100	0.000	0.100	0.000	0.000	0.000	0.000	0.000	0.853

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

This funding will integrate and procure Universal Automatic System into the E-2 mission computer and provide for a means to transfer Automatic Information System (AIS) data from the aircraft inflight to the warships. This modification will integrate the current E-2 stand-alone prototype AIS system with the E-2 mission computer and displays allowing AIS tracks to be displayed and correlated with other track sources, such as radar. Additionally, the integration will allow AIS tracks to be transferred to other aircraft and warships over existing data links.

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Exhibit P-3A, Individual Modification: PB 2013 Navy								Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0544 - E-2 Series				Modification Nomenclature (<i>Modification Title, Modification Number</i>): 002-11 Universal Automatic Information System - 5					
Models of Systems Affected: E-2C				Type Modification: Mission Performance Enhancements				Related RDT&E PEs:					
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
002-11 Universal Automatic Information System													
A Kits													
Recurring													
1.1.1) Universal Automatic Info System - NonOrganic													
	-	-	20	0.024	15	0.018	16	0.018	-	-	16	0.018	
<i>Subtotal Recurring</i>		0.000		0.024		0.018		0.018		0.000		0.018	
B Kits													
Recurring													
2.1.1) Installation Equipment - Organic													
	-	-	20	0.029	15	0.021	16	0.022	-	-	16	0.022	
<i>Subtotal Recurring</i>		0.000		0.029		0.021		0.022		0.000		0.022	
<i>Total, 002-11 Universal Automatic Information System</i>		-	-	40	0.053	30	0.039	32	0.040	-	-	32	0.040
<i>Total, All Modifications</i>		0.000		0.053		0.039		0.040		0.000		0.040	
Support													
3.1) Data													
	-	-	-	0.005	-	-	-	-	-	-	-	-	
3.2) Engineering Change Orders													
	-	0.000	-	-	-	-	-	-	-	-	-	-	
3.3) Support Equipment													
	-	-	-	0.300	-	-	-	-	-	-	-	-	
3.4) Training Equipment													
	-	0.000	-	-	-	-	-	-	-	-	-	-	
3.5) ILS													
	-	-	-	0.141	-	0.005	-	0.003	-	-	-	0.003	
3.6) Other Support													
	-	-	-	0.080	-	-	-	-	-	-	-	-	
3.7) Interim Contractor Support													
	-	0.000	-	-	-	-	-	-	-	-	-	-	
<i>Total Support Cost</i>		0.000		0.526		0.005		0.003		0.000		0.003	
<i>Procurement Cost (Procurement + Support)</i>		0.000		0.579		0.044		0.043		0.000		0.043	
<i>Total Installation Cost</i>		0.000		0.074		0.056		0.057		0.000		0.057	
Total Cost (Procurement + Support + Installation)		0.000		0.653		0.100		0.100		0.000		0.100	

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0544 - E-2 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): 002-11 Universal Automatic Information System - 5

Models of Systems Affected: E-2C	Type Modification: Mission Performance Enhancements	Related RDT&E PEs:
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
002-11 Universal Automatic Information System												
A Kits												
Recurring												
1.1.1) Universal Automatic Info System - NonOrganic	-	-	-	-	-	-	-	-	-	-	51	0.060
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		0.060
B Kits												
Recurring												
2.1.1) Installation Equipment - Organic	-	-	-	-	-	-	-	-	-	-	51	0.072
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		0.072
<i>Total, 002-11 Universal Automatic Information System</i>	-	-	-	-	-	-	-	-	-	-	102	0.132
<i>Total, All Modifications</i>		0.000		0.000		0.000		0.000		0.000		0.132
Support												
3.1) Data	-	-	-	-	-	-	-	-	-	-	-	0.005
3.2) Engineering Change Orders	-	-	-	-	-	-	-	-	-	-	-	-
3.3) Support Equipment	-	-	-	-	-	-	-	-	-	-	-	0.300
3.4) Training Equipment	-	-	-	-	-	-	-	-	-	-	-	-
3.5) ILS	-	-	-	-	-	-	-	-	-	-	-	0.149
3.6) Other Support	-	-	-	-	-	-	-	-	-	-	-	0.080
3.7) Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		0.000		0.000		0.000		0.000		0.000		0.534
<i>Procurement Cost (Procurement + Support)</i>		0.000		0.000		0.000		0.000		0.000		0.666
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.187
Total Cost (Procurement + Support + Installation)		0.000		0.000		0.000		0.000		0.000		0.853

Remarks:

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0544 - E-2 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): 002-11 Universal Automatic Information System - 5

Models of Systems Affected: E-2C	Type Modification: Mission Performance Enhancements	Related RDT&E PEs:
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Manufacturer Information: 002-11 Universal Automatic Information System

Manufacturer Name: Universal Automatic Information System	Manufacturer Location: Depot Field Modification Team
Administrative Leadtime (<i>in Months</i>): 6	Production Leadtime (<i>in Months</i>): 6

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates	Mar 2011	Mar 2012					
Delivery Dates	Sep 2011	Sep 2012					

Installation: 002-11 Universal Automatic Information System

Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	20	0.074	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	15	0.056	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	16	0.057	0	0.000	16	0.057
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	20	0.074	15	0.056	16	0.057	0	0.000	16	0.057

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	20	0.074
FY 2012	-	-	-	-	-	-	-	-	-	-	15	0.056
FY 2013	-	-	-	-	-	-	-	-	-	-	16	0.057
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0544 - E-2 Series
Models of Systems Affected: E-2C		Modification Nomenclature (Modification Title, Modification Number): 002-11 Universal Automatic Information System - 5
Type Modification: Mission Performance Enhancements		Related RDT&E PEs:

Installation: 002-11 Universal Automatic Information System	Method of Implementation: Depot Field Mod Team	Installation Name: Universal Automatic Info System
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Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	51	0.187

Installation Schedule																																
APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot		
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4				
In	-	-	6	6	8	-	5	5	5	-	5	5	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	51
Out	-	-	6	6	8	-	5	5	5	-	5	5	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	51

Installation: 002-11 Universal Automatic Information System	Method of Implementation: Not Installed - Installation Equipment	Installation Quantity: 51
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Exhibit P-3A, Individual Modification: PB 2013 Navy							Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0544 - E-2 Series				Modification Nomenclature <i>(Modification Title, Modification Number):</i> 005-11 Radar Improvement Program - 6				
Models of Systems Affected: E-2C			Type Modification: Mission Performance Enhancements				Related RDT&E PEs:					

Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	0.000	4.642	4.399	3.165	0.000	3.165	3.049	2.799	0.000	0.000	0.000	18.054
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	0.000	4.642	4.399	3.165	0.000	3.165	3.049	2.799	0.000	0.000	0.000	18.054
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	0.000	4.642	4.399	3.165	0.000	3.165	3.049	2.799	0.000	0.000	0.000	18.054

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

This funding will integrate and field improvements to the E-2C radar components that are expected to be unsupportable in the near term and are of a high failure rate. Such improvements will keep portions of the APS-145 radar viable until 2021, the expected retirement date of the Hawkeye 2000. This funding also supports necessary modifications within the APS-145 Radar Test Bench System.

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0544 - E-2 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): 005-11 Radar Improvement Program - 6
Models of Systems Affected: E-2C	Type Modification: Mission Performance Enhancements	Related RDT&E PEs:

Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
005-11 Radar Improvement Program												
B Kits												
Recurring												
2.1.1) WRA-9 - NonOrganic												
	-	-	-	-	23	1.315	10	0.826	-	-	10	0.826
<i>Subtotal Recurring</i>												
		0.000		0.000		1.315		0.826		0.000		0.826
<i>Total, 005-11 Radar Improvement Program</i>												
	-	-	-	-	23	1.315	10	0.826	-	-	10	0.826
<i>Total, All Modifications</i>												
		0.000		0.000		1.315		0.826		0.000		0.826
Support												
3.1) Data												
	-	-	-	0.360	-	0.300	-	0.124	-	-	-	0.124
3.2) Engineering Change Orders												
	-	0.000	-	-	-	-	-	-	-	-	-	-
3.3) Training Equipment												
	-	-	-	-	-	-	2	0.170	-	-	2	0.170
3.4) Support Equipment												
	-	-	14	2.365	1	0.346	-	0.115	-	-	-	0.115
3.5) ILS												
	-	-	-	1.736	-	1.090	-	0.746	-	-	-	0.746
3.6) Other Support												
	-	-	-	0.181	-	0.957	-	0.851	-	-	-	0.851
3.7) Interim Contractor Support												
	-	0.000	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>												
		0.000		4.642		2.693		2.006		0.000		2.006
<i>Procurement Cost (Procurement + Support)</i>												
		0.000		4.642		4.008		2.832		0.000		2.832
<i>Total Installation Cost</i>												
		0.000		0.000		0.391		0.333		0.000		0.333
Total Cost (Procurement + Support + Installation)												
		0.000		4.642		4.399		3.165		0.000		3.165

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
005-11 Radar Improvement Program												
B Kits												
Recurring												
2.1.1) WRA-9 - NonOrganic												
	12	1.011	11	0.946	-	-	-	-	-	-	56	4.098

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0544 - E-2 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): 005-11 Radar Improvement Program - 6

Models of Systems Affected: E-2C	Type Modification: Mission Performance Enhancements	Related RDT&E PEs:
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
<i>Subtotal Recurring</i>		1.011		0.946		0.000		0.000		0.000		4.098
<i>Total, 005-11 Radar Improvement Program</i>	12	1.011	11	0.946	-	-	-	-	-	-	56	4.098
<i>Total, All Modifications</i>		1.011		0.946		0.000		0.000		0.000		4.098
Support												
3.1) Data	-	0.085	-	0.085	-	-	-	-	-	-	-	0.954
3.2) Engineering Change Orders	-	-	-	-	-	-	-	-	-	-	-	-
3.3) Training Equipment	-	-	-	-	-	-	-	-	-	-	2	0.170
3.4) Support Equipment	-	0.120	-	0.126	-	-	-	-	-	-	15	3.072
3.5) ILS	-	0.741	-	0.710	-	-	-	-	-	-	-	5.023
3.6) Other Support	-	0.686	-	0.552	-	-	-	-	-	-	-	3.227
3.7) Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		1.632		1.473		0.000		0.000		0.000		12.446
<i>Procurement Cost (Procurement + Support)</i>		2.643		2.419		0.000		0.000		0.000		16.544
<i>Total Installation Cost</i>		0.406		0.380		0.000		0.000		0.000		1.510
Total Cost (Procurement + Support + Installation)		3.049		2.799		0.000		0.000		0.000		18.054

Remarks:

Manufacturer Information: 005-11 Radar Improvement Program

Manufacturer Name: Radar Improvement Program	Manufacturer Location: Depot Field Modification Team
Administrative Leadtime (in Months): 3	Production Leadtime (in Months): 3

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates		Jan 2012	Jan 2013	Jan 2014			
Delivery Dates		Apr 2012	Apr 2013	Apr 2014			

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0544 - E-2 Series
Models of Systems Affected: E-2C		Modification Nomenclature (<i>Modification Title, Modification Number</i>): 005-11 Radar Improvement Program - 6
Type Modification: Mission Performance Enhancements		Related RDT&E PEs:

Installation: 005-11 Radar Improvement Program			Method of Implementation: Depot Field Modification Team				Installation Name: WRA-9					
Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	23	0.391	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	10	0.333	0	0.000	10	0.333
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	23	0.391	10	0.333	0	0.000	10	0.333

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	23	0.391
FY 2013	-	-	-	-	-	-	-	-	-	-	10	0.333
FY 2014	12	0.406	-	-	-	-	-	-	-	-	12	0.406
FY 2015	-	-	11	0.380	-	-	-	-	-	-	11	0.380
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	12	0.406	11	0.380	-	-	-	-	-	-	56	1.510

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0544 - E-2 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): 005-11 Radar Improvement Program - 6
Models of Systems Affected: E-2C	Type Modification: Mission Performance Enhancements	Related RDT&E PEs:

Installation: 005-11 Radar Improvement Program	Method of Implementation: Depot Field Modification Team	Installation Name: WRA-9
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Installation Schedule

	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot	
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4			
In	-	-	-	-	-	-	-	11	12	-	-	5	5	-	-	6	6	-	-	5	6	-	-	-	-	-	-	-	-	-	-	56
Out	-	-	-	-	-	-	-	11	12	-	-	5	5	-	-	6	6	-	-	5	6	-	-	-	-	-	-	-	-	-	-	56

Installation: 005-11 Radar Improvement Program	Method of Implementation: Not Installed - Training Equipment	Installation Quantity: 2
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Installation: 005-11 Radar Improvement Program	Method of Implementation: Not Installed - Support Equipment	Installation Quantity: 15
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UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy							Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0544 - E-2 Series				Modification Nomenclature <i>(Modification Title, Modification Number):</i> 008-14 Dual Transmit SATCOM - 7				

Models of Systems Affected: [No Model Specified] **Type Modification:** [No Modification Type Specified] **Related RDT&E PEs:**

Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	0.000	0.000	0.000	0.000	0.000	0.000	2.811	2.744	2.768	3.182	24.640	36.145
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	0.000	0.000	0.000	0.000	0.000	0.000	2.811	2.744	2.768	3.182	24.640	36.145
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	0.000	0.000	0.000	0.000	0.000	0.000	2.811	2.744	2.768	3.182	24.640	36.145

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0544 - E-2 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): 008-14 Dual Transmit SATCOM - 7

Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs:
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
008-14 Dual Transmit SATCOM												
A Kits												
Recurring												
1.1.1) Dual Transmit SATCOM - Organic	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		0.000
<i>Total, 008-14 Dual Transmit SATCOM</i>	-	-	-	-	-	-	-	-	-	-	-	-
<i>Total, All Modifications</i>		0.000		0.000		0.000		0.000		0.000		0.000
Support												
3.1) ILS	-	0.000	-	-	-	-	-	-	-	-	-	-
3.2) Engineering Change Orders	-	0.000	-	-	-	-	-	-	-	-	-	-
3.3) Data	-	0.000	-	-	-	-	-	-	-	-	-	-
3.4) Training Equipment	-	0.000	-	-	-	-	-	-	-	-	-	-
3.5) Support Equipment	-	0.000	-	-	-	-	-	-	-	-	-	-
3.6) Other Support	-	0.000	-	-	-	-	-	-	-	-	-	-
3.7) Interim Contractor Support	-	0.000	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
<i>Procurement Cost (Procurement + Support)</i>		0.000		0.000		0.000		0.000		0.000		0.000
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		0.000		0.000		0.000		0.000		0.000		0.000

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
008-14 Dual Transmit SATCOM												
A Kits												
Recurring												
1.1.1) Dual Transmit SATCOM - Organic	-	2.811	-	2.744	-	2.768	-	3.182	-	24.640	-	36.145
<i>Subtotal Recurring</i>		2.811		2.744		2.768		3.182		24.640		36.145

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy									Date: February 2012				
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0544 - E-2 Series					Modification Nomenclature (<i>Modification Title, Modification Number</i>): 008-14 Dual Transmit SATCOM - 7				
Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]				Related RDT&E PEs:						
Financial Plan		FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
		<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>
<i>Total, 008-14 Dual Transmit SATCOM</i>		-	2.811	-	2.744	-	2.768	-	3.182	-	24.640	-	36.145
<i>Total, All Modifications</i>			2.811		2.744		2.768		3.182		24.640		36.145
Support													
3.1) ILS		-	-	-	-	-	-	-	-	-	-	-	-
3.2) Engineering Change Orders		-	-	-	-	-	-	-	-	-	-	-	-
3.3) Data		-	-	-	-	-	-	-	-	-	-	-	-
3.4) Training Equipment		-	-	-	-	-	-	-	-	-	-	-	-
3.5) Support Equipment		-	-	-	-	-	-	-	-	-	-	-	-
3.6) Other Support		-	-	-	-	-	-	-	-	-	-	-	-
3.7) Interim Contractor Support		-	-	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>			0.000		0.000		0.000		0.000		0.000		0.000
<i>Procurement Cost (Procurement + Support)</i>			2.811		2.744		2.768		3.182		24.640		36.145
<i>Total Installation Cost</i>			0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)			2.811		2.744		2.768		3.182		24.640		36.145
Remarks:													
Manufacturer Information: 008-14 Dual Transmit SATCOM													
Manufacturer Name: Manufacturer Name Not Provided.							Manufacturer Location: Manufacturer Location Not Provided.						
Administrative Leadtime (<i>in Months</i>):							Production Leadtime (<i>in Months</i>):						
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017						
Contract Dates													
Delivery Dates													
Installation: 008-14 Dual Transmit SATCOM			Method of Implementation: No Quantities Associated with Install					Installation Quantity: 0					

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy							Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0544 - E-2 Series				Modification Nomenclature <i>(Modification Title, Modification Number):</i> 009-14 MODE 5/S - 8				

Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]				Related RDT&E PEs:					
Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	0.000	0.000	0.000	0.000	0.000	0.000	3.821	3.322	3.432	3.945	7.925	22.445
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	0.000	0.000	0.000	0.000	0.000	0.000	3.821	3.322	3.432	3.945	7.925	22.445
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	0.000	0.000	0.000	0.000	0.000	0.000	3.821	3.322	3.432	3.945	7.925	22.445

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0544 - E-2 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): 009-14 MODE 5/S - 8

Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs:
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
009-14 MODE 5/S												
A Kits												
Recurring												
1.1.1) MODE 5/S - Organic	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		0.000
<i>Total, 009-14 MODE 5/S</i>		-		-		-		-		-		-
<i>Total, All Modifications</i>		0.000		0.000		0.000		0.000		0.000		0.000
Support												
3.1) ILS	-	0.000	-	-	-	-	-	-	-	-	-	-
3.2) Data	-	0.000	-	-	-	-	-	-	-	-	-	-
3.3) Engineering Change Orders	-	0.000	-	-	-	-	-	-	-	-	-	-
3.4) Training Equipment	-	0.000	-	-	-	-	-	-	-	-	-	-
3.5) Support Equipment	-	0.000	-	-	-	-	-	-	-	-	-	-
3.6) Other Support	-	0.000	-	-	-	-	-	-	-	-	-	-
3.7) Interim Contractor Support	-	0.000	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
<i>Procurement Cost (Procurement + Support)</i>		0.000		0.000		0.000		0.000		0.000		0.000
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		0.000		0.000		0.000		0.000		0.000		0.000

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
009-14 MODE 5/S												
A Kits												
Recurring												
1.1.1) MODE 5/S - Organic	-	3.821	-	3.322	-	3.432	-	3.945	-	7.925	-	22.445
<i>Subtotal Recurring</i>		3.821		3.322		3.432		3.945		7.925		22.445

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0544 - E-2 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): 009-14 MODE 5/S - 8

Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs:
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
<i>Total, 009-14 MODE 5/S</i>	-	3.821	-	3.322	-	3.432	-	3.945	-	7.925	-	22.445
<i>Total, All Modifications</i>		3.821		3.322		3.432		3.945		7.925		22.445
Support												
3.1) ILS	-	-	-	-	-	-	-	-	-	-	-	-
3.2) Data	-	-	-	-	-	-	-	-	-	-	-	-
3.3) Engineering Change Orders	-	-	-	-	-	-	-	-	-	-	-	-
3.4) Training Equipment	-	-	-	-	-	-	-	-	-	-	-	-
3.5) Support Equipment	-	-	-	-	-	-	-	-	-	-	-	-
3.6) Other Support	-	-	-	-	-	-	-	-	-	-	-	-
3.7) Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
<i>Procurement Cost (Procurement + Support)</i>		3.821		3.322		3.432		3.945		7.925		22.445
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		3.821		3.322		3.432		3.945		7.925		22.445

Remarks:

Manufacturer Information: 009-14 MODE 5/S

Manufacturer Name: Manufacturer Name Not Provided. Manufacturer Location: Manufacturer Location Not Provided.

Administrative Leadtime (in Months): Production Leadtime (in Months):

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates							
Delivery Dates							

Installation: 009-14 MODE 5/S **Method of Implementation:** No Quantities Associated with Install **Installation Quantity:** 0

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UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy							Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0544 - E-2 Series				Modification Nomenclature (<i>Modification Title, Modification Number</i>): 010-14 CEC Upgrade - 9				

Models of Systems Affected: [No Model Specified] **Type Modification:** [No Modification Type Specified] **Related RDT&E PEs:**

Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	0.000	0.000	0.000	0.000	0.000	0.000	7.999	10.250	5.853	6.732	6.405	37.239
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	0.000	0.000	0.000	0.000	0.000	0.000	7.999	10.250	5.853	6.732	6.405	37.239
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	0.000	0.000	0.000	0.000	0.000	0.000	7.999	10.250	5.853	6.732	6.405	37.239

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0544 - E-2 Series
		Modification Nomenclature (<i>Modification Title, Modification Number</i>): 010-14 CEC Upgrade - 9

Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs:
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
010-14 CEC Upgrade												
A Kits												
Recurring												
1.1.1) CEC Upgrade - Organic	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		0.000
<i>Total, 010-14 CEC Upgrade</i>	-	-	-	-	-	-	-	-	-	-	-	-
<i>Total, All Modifications</i>		0.000		0.000		0.000		0.000		0.000		0.000
Support												
3.1) Data	-	0.000	-	-	-	-	-	-	-	-	-	-
3.2) Engineering Change Orders	-	0.000	-	-	-	-	-	-	-	-	-	-
3.3) ILS	-	0.000	-	-	-	-	-	-	-	-	-	-
3.4) Training Equipment	-	0.000	-	-	-	-	-	-	-	-	-	-
3.5) Support Equipment	-	0.000	-	-	-	-	-	-	-	-	-	-
3.6) Other Support	-	0.000	-	-	-	-	-	-	-	-	-	-
3.7) Interim Contractor Support	-	0.000	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
<i>Procurement Cost (Procurement + Support)</i>		0.000		0.000		0.000		0.000		0.000		0.000
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		0.000		0.000		0.000		0.000		0.000		0.000

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
010-14 CEC Upgrade												
A Kits												
Recurring												
1.1.1) CEC Upgrade - Organic	-	7.999	-	10.250	-	5.853	-	6.732	-	6.405	-	37.239
<i>Subtotal Recurring</i>		7.999		10.250		5.853		6.732		6.405		37.239

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy								Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0544 - E-2 Series				Modification Nomenclature (<i>Modification Title, Modification Number</i>): 010-14 CEC Upgrade - 9					
Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]				Related RDT&E PEs:						
Financial Plan		FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
		<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>
<i>Total, 010-14 CEC Upgrade</i>		-	7.999	-	10.250	-	5.853	-	6.732	-	6.405	-	37.239
<i>Total, All Modifications</i>			7.999		10.250		5.853		6.732		6.405		37.239
Support													
3.1) Data		-	-	-	-	-	-	-	-	-	-	-	-
3.2) Engineering Change Orders		-	-	-	-	-	-	-	-	-	-	-	-
3.3) ILS		-	-	-	-	-	-	-	-	-	-	-	-
3.4) Training Equipment		-	-	-	-	-	-	-	-	-	-	-	-
3.5) Support Equipment		-	-	-	-	-	-	-	-	-	-	-	-
3.6) Other Support		-	-	-	-	-	-	-	-	-	-	-	-
3.7) Interim Contractor Support		-	-	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>			0.000		0.000		0.000		0.000		0.000		0.000
<i>Procurement Cost (Procurement + Support)</i>			7.999		10.250		5.853		6.732		6.405		37.239
<i>Total Installation Cost</i>			0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)			7.999		10.250		5.853		6.732		6.405		37.239
Remarks:													
Manufacturer Information: 010-14 CEC Upgrade													
Manufacturer Name: Manufacturer Name Not Provided.							Manufacturer Location: Manufacturer Location Not Provided.						
Administrative Leadtime (<i>in Months</i>):							Production Leadtime (<i>in Months</i>):						
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016
Contract Dates													
Delivery Dates													
Installation: 010-14 CEC Upgrade			Method of Implementation: No Quantities Associated with Install					Installation Quantity: 0					

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy							Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0544 - E-2 Series				Modification Nomenclature (<i>Modification Title, Modification Number</i>): 011-14 E-2D Avionics - 10				

Models of Systems Affected: [No Model Specified] **Type Modification:** [No Modification Type Specified] **Related RDT&E PEs:**

Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	0.000	0.000	0.000	0.000	0.000	0.000	2.323	6.335	6.999	8.045	17.527	41.229
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	0.000	0.000	0.000	0.000	0.000	0.000	2.323	6.335	6.999	8.045	17.527	41.229
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	0.000	0.000	0.000	0.000	0.000	0.000	2.323	6.335	6.999	8.045	17.527	41.229

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0544 - E-2 Series
		Modification Nomenclature (<i>Modification Title, Modification Number</i>): 011-14 E-2D Avionics - 10

Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs:
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
011-14 E-2D Avionics												
A Kits												
Recurring												
1.1.1) E-2D Avionics - Organic	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		0.000
<i>Total, 011-14 E-2D Avionics</i>	-	-	-	-	-	-	-	-	-	-	-	-
<i>Total, All Modifications</i>		0.000		0.000		0.000		0.000		0.000		0.000
Support												
3.1) Data	-	0.000	-	-	-	-	-	-	-	-	-	-
3.2) Engineering Change Orders	-	0.000	-	-	-	-	-	-	-	-	-	-
3.3) ILS	-	0.000	-	-	-	-	-	-	-	-	-	-
3.4) Training Equipment	-	0.000	-	-	-	-	-	-	-	-	-	-
3.5) Support Equipment	-	0.000	-	-	-	-	-	-	-	-	-	-
3.6) Other Support	-	0.000	-	-	-	-	-	-	-	-	-	-
3.7) Interim Contractor Support	-	0.000	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
<i>Procurement Cost (Procurement + Support)</i>		0.000		0.000		0.000		0.000		0.000		0.000
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		0.000		0.000		0.000		0.000		0.000		0.000

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
011-14 E-2D Avionics												
A Kits												
Recurring												
1.1.1) E-2D Avionics - Organic	-	2.323	-	6.335	-	6.999	-	8.045	-	17.527	-	41.229
<i>Subtotal Recurring</i>		2.323		6.335		6.999		8.045		17.527		41.229

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy								Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0544 - E-2 Series				Modification Nomenclature (<i>Modification Title, Modification Number</i>): 011-14 E-2D Avionics - 10					
Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]				Related RDT&E PEs:						
Financial Plan		FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
		<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>
<i>Total, 011-14 E-2D Avionics</i>		-	2.323	-	6.335	-	6.999	-	8.045	-	17.527	-	41.229
<i>Total, All Modifications</i>			2.323		6.335		6.999		8.045		17.527		41.229
Support													
3.1) Data		-	-	-	-	-	-	-	-	-	-	-	-
3.2) Engineering Change Orders		-	-	-	-	-	-	-	-	-	-	-	-
3.3) ILS		-	-	-	-	-	-	-	-	-	-	-	-
3.4) Training Equipment		-	-	-	-	-	-	-	-	-	-	-	-
3.5) Support Equipment		-	-	-	-	-	-	-	-	-	-	-	-
3.6) Other Support		-	-	-	-	-	-	-	-	-	-	-	-
3.7) Interim Contractor Support		-	-	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>			0.000		0.000		0.000		0.000		0.000		0.000
<i>Procurement Cost (Procurement + Support)</i>			2.323		6.335		6.999		8.045		17.527		41.229
<i>Total Installation Cost</i>			0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)			2.323		6.335		6.999		8.045		17.527		41.229
Remarks:													
Manufacturer Information: 011-14 E-2D Avionics													
Manufacturer Name: Manufacturer Name Not Provided.							Manufacturer Location: Manufacturer Location Not Provided.						
Administrative Leadtime (<i>in Months</i>):							Production Leadtime (<i>in Months</i>):						
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017						
Contract Dates													
Delivery Dates													
Installation: 011-14 E-2D Avionics			Method of Implementation: No Quantities Associated with Install					Installation Quantity: 0					

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0544 - E-2 Series	Modification Nomenclature <i>(Modification Title, Modification Number):</i> 001-16 LINK 16 (MIDS/JTIDS for E-2C) - 11

Models of Systems Affected: [No Model Specified] **Type Modification:** [No Modification Type Specified] **Related RDT&E PEs:**

Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.622	3.150	0.675	9.447
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.622	3.150	0.675	9.447
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.622	3.150	0.675	9.447

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0544 - E-2 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): 001-16 LINK 16 (MIDS/JTIDS for E-2C) - 11

Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs:
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
001-16 LINK 16 (MIDS/JTIDS for E-2C)												
A Kits												
Recurring												
1.1.1) LINK 16 (MIDS/JTIDS for E-2C) - Organic	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		0.000
<i>Total, 001-16 LINK 16 (MIDS/JTIDS for E-2C)</i>		-		-		-		-		-		-
<i>Total, All Modifications</i>		0.000		0.000		0.000		0.000		0.000		0.000
Support												
3.1) Data	-	0.000	-	-	-	-	-	-	-	-	-	-
3.2) Engineering Change Orders	-	0.000	-	-	-	-	-	-	-	-	-	-
3.3) ILS	-	0.000	-	-	-	-	-	-	-	-	-	-
3.4) Training Equipment	-	0.000	-	-	-	-	-	-	-	-	-	-
3.5) Support Equipment	-	0.000	-	-	-	-	-	-	-	-	-	-
3.6) Other Support	-	0.000	-	-	-	-	-	-	-	-	-	-
3.7) Interim Contractor Support	-	0.000	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
<i>Procurement Cost (Procurement + Support)</i>		0.000		0.000		0.000		0.000		0.000		0.000
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		0.000		0.000		0.000		0.000		0.000		0.000

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
001-16 LINK 16 (MIDS/JTIDS for E-2C)												
A Kits												
Recurring												
1.1.1) LINK 16 (MIDS/JTIDS for E-2C) - Organic	-	-	-	-	-	5.622	-	3.150	-	0.675	-	9.447

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0544 - E-2 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): 001-16 LINK 16 (MIDS/JTIDS for E-2C) - 11

Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs:
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
<i>Subtotal Recurring</i>		0.000		0.000		5.622		3.150		0.675		9.447
<i>Total, 001-16 LINK 16 (MIDS/JTIDS for E-2C)</i>	-	-	-	-	-	5.622	-	3.150	-	0.675	-	9.447
<i>Total, All Modifications</i>		0.000		0.000		5.622		3.150		0.675		9.447
Support												
3.1) Data	-	-	-	-	-	-	-	-	-	-	-	-
3.2) Engineering Change Orders	-	-	-	-	-	-	-	-	-	-	-	-
3.3) ILS	-	-	-	-	-	-	-	-	-	-	-	-
3.4) Training Equipment	-	-	-	-	-	-	-	-	-	-	-	-
3.5) Support Equipment	-	-	-	-	-	-	-	-	-	-	-	-
3.6) Other Support	-	-	-	-	-	-	-	-	-	-	-	-
3.7) Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
<i>Procurement Cost (Procurement + Support)</i>		0.000		0.000		5.622		3.150		0.675		9.447
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		0.000		0.000		5.622		3.150		0.675		9.447

Remarks:

Manufacturer Information: 001-16 LINK 16 (MIDS/JTIDS for E-2C)

Manufacturer Name: Manufacturer Name Not Provided.	Manufacturer Location: Manufacturer Location Not Provided.
Administrative Leadtime (in Months):	Production Leadtime (in Months):

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates							
Delivery Dates							

Installation: 001-16 LINK 16 (MIDS/JTIDS for E-2C) **Method of Implementation:** No Quantities Associated with Install **Installation Quantity:** 0

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Exhibit P-3A, Individual Modification: PB 2013 Navy							Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0544 - E-2 Series				Modification Nomenclature (<i>Modification Title, Modification Number</i>): Inactive OSIPs - 12				

Models of Systems Affected: [No Model Specified] **Type Modification:** [No Modification Type Specified] **Related RDT&E PEs:**

Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	1,170.865	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1,170.865
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	1,170.865	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1,170.865
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	1,170.865	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1,170.865

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0544 - E-2 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Inactive OSIPs - 12

Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs:
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
Inactive OSIPs												
A Kits												
Recurring												
1.1.1) INACTIVE OSIPs - Organic	-	1,170.865	-	-	-	-	-	-	-	-	-	-
<i>Subtotal Recurring</i>		1,170.865		0.000		0.000		0.000		0.000		0.000
<i>Total, Inactive OSIPs</i>	-	1,170.865	-	-	-	-	-	-	-	-	-	-
<i>Total, All Modifications</i>		1,170.865		0.000		0.000		0.000		0.000		0.000
Support												
3.1) New Cost Element.	-	0.000	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
<i>Procurement Cost (Procurement + Support)</i>		1,170.865		0.000		0.000		0.000		0.000		0.000
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		1,170.865		0.000		0.000		0.000		0.000		0.000

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
Inactive OSIPs												
A Kits												
Recurring												
1.1.1) INACTIVE OSIPs - Organic	-	-	-	-	-	-	-	-	-	-	-	1,170.865
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		1,170.865
<i>Total, Inactive OSIPs</i>	-	-	-	-	-	-	-	-	-	-	-	1,170.865
<i>Total, All Modifications</i>		0.000		0.000		0.000		0.000		0.000		1,170.865
Support												
3.1) New Cost Element.	-	-	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0544 - E-2 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Inactive OSIPs - 12

Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs:
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
<i>Procurement Cost (Procurement + Support)</i>		0.000		0.000		0.000		0.000		0.000		1,170.865
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		0.000		0.000		0.000		0.000		0.000		1,170.865

Remarks:

Manufacturer Information: Inactive OSIPs

Manufacturer Name: Manufacturer Name Not Provided. Manufacturer Location: Manufacturer Location Not Provided.

Administrative Leadtime (in Months): Production Leadtime (in Months):

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates							
Delivery Dates							

Installation: Inactive OSIPs

Method of Implementation: No Quantities Associated with Install **Installation Quantity:** 0

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Exhibit P-40, Budget Item Justification Sheet: PB 2013 Navy **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity:
1506N : Aircraft Procurement, Navy / BA 5 : Modification of Aircraft / BSA 1 :
Modification Of Aircraft

P-1 Line Item Nomenclature:
0549 - Trainer Acft Series

ID Code (A=Service Ready, B=Not Service Ready) : A **Program Elements for Code B Items:** **Other Related Program Elements:**

Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	142.618	19.462	18.790	34.284	-	34.284	38.106	23.390	19.074	19.407	21.567	336.698
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	142.618	19.462	18.790	34.284	-	34.284	38.106	23.390	19.074	19.407	21.567	336.698
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	142.618	19.462	18.790	34.284	-	34.284	38.106	23.390	19.074	19.407	21.567	336.698

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

This line item funds modifications to a group of trainer aircraft which includes T-44A/C, and TH-57. The trainer aircraft are described as follows: The T-44 is a twin-engine, multi-seat turboprop aircraft produced by Hawker Beech Aircraft used to simulate operation of multi engine aircraft, specifically the P-3; the TH-57 is a single-engine, multi-seat rotary wing aircraft used for helicopter training. The overall goal of the modification is to maintain safe and reliable operation of the trainer aircraft through the timely installation of necessary changes. Total numbers for T-44 and TH-57 aircraft are 54 and 126, respectively. A total of 35 aircraft will be modified in FY13 to incorporate Aviation Safety Upgrades; 16 T-44As will receive the Wing Wiring modification where 3 out of the 16 T-44As will also receive the Avionics Obsolescence modification; 19 TH-57C will be modified to the TH-57D configuration.

Item Schedule		ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
OSIP 005-04 - T44 AVIONICS OBSOLESCENCE - 1	P3A		-	-	71.870	-	-	15.277	-	-	0.000	-	-	17.930	-	-	0.000	-	-	17.930
OSIP 006-07 TH-57 SAFETY UPGRADE - 2	P3A		-	-	15.407	-	-	3.575	-	-	18.790	-	-	15.726	-	-	0.000	-	-	15.726
OSIP 007-07 Wing Wiring - 3	P3A		-	-	4.167	-	-	0.610	-	-	0.000	-	-	0.628	-	-	0.000	-	-	0.628
Inactive OSIPs - 4	P3A		-	-	51.174	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000
Total Gross/Weapon System Cost					142.618			19.462			18.790			34.284			-			34.284

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0549 - Trainer Acft Series	Modification Nomenclature <i>(Modification Title, Modification Number):</i> OSIP 005-04 - T44 AVIONICS OBSOLESCENCE - 1

Models of Systems Affected: T-44A/C	Type Modification: Safety	Related RDT&E PEs:
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	71.870	15.277	0.000	17.930	0.000	17.930	19.953	4.600	0.000	0.000	0.000	129.630
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	71.870	15.277	0.000	17.930	0.000	17.930	19.953	4.600	0.000	0.000	0.000	129.630
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	71.870	15.277	0.000	17.930	0.000	17.930	19.953	4.600	0.000	0.000	0.000	129.630

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The T-44A Avionics are becoming non-supportable due to non-availability of parts. The following avionics systems require replacement: NCS-31A Area Navigation/Control System, AP-106 Autopilot, Flight Director and the RDR-130 Weather Radar. Avionics are being returned from the repair vendor Beyond Economical Repair (BER) due to non-availability of parts. Spare units are not available in the commercial market. Following these Avionics Upgrades the aircraft are designated T-44C; includes funding for changes to Ground Based Training Systems (simulators) to align trainers to T-44C aircraft configuration. IMPACT: As avionics become BER due to lack of parts, spares are being depleted. Lack of avionics will ground aircraft and severely degrade CNATRA's ability to meet Pilot Training Requirements. Current plans call for T-44 to fly its training mission until 2025. There are 54 T-44A in the inventory and all 54 will receive this modification.

DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONES:

The T-44 Avionics Obsolescence (OSIP 05-04) non-recurring engineering occurred in FY04. Commercially available Non-Development Item kit procurement began in FY05 and installations in FY05. Beginning in FY13, kits will be commercially procured but installed by NAS Jacksonville Fleet Support Team.

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Exhibit P-3A, Individual Modification: PB 2013 Navy								Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0549 - Trainer Acft Series				Modification Nomenclature (<i>Modification Title, Modification Number</i>): OSIP 005-04 - T44 AVIONICS OBSOLESCENCE - 1					
Models of Systems Affected: T-44A/C				Type Modification: Safety				Related RDT&E PEs:					
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
OSIP 005-04 - T44 AVIONICS OBSOLESCENCE													
A Kits													
Recurring													
1.1.1) Install Kits - NonOrganic ⁽¹⁾													
	41	10.091	7	1.750	-	-	3	7.000	-	-	3	7.000	
<i>Subtotal Recurring</i>		10.091	1.750	0.000	7.000	0.000						7.000	
NonRecurring													
1.2.1) Installation kits Non-recurring - Organic													
	3	5.641	-	-	-	-	-	-	-	-	-	-	
<i>Subtotal NonRecurring</i>		5.641	0.000	0.000	0.000	0.000						0.000	
B Kits													
Recurring													
2.1.1) Installation Equipment - B kits - Organic													
	41	31.928	7	8.050	-	-	3	3.380	-	-	3	3.380	
<i>Subtotal Recurring</i>		31.928	8.050	0.000	3.380	0.000						3.380	
<i>Total, OSIP 005-04 - T44 AVIONICS OBSOLESCENCE</i>		85	47.660	14	9.800	-	-	6	10.380	-	-	6	10.380
<i>Total, All Modifications</i>			47.660	9.800	0.000	10.380	0.000					10.380	
Support													
3.1) Engineering Change Orders													
	-	0.000	-	-	-	-	-	-	-	-	-	-	
3.2) DATA - Publications													
	-	0.344	-	-	-	-	-	-	-	-	-	-	
3.3) Training Equipment													
	14	19.305	-	3.250	-	-	-	-	-	-	-	-	
3.4) Support Equipment													
	-	0.000	-	-	-	-	-	-	-	-	-	-	
3.5) ILS													
	-	0.000	-	-	-	-	-	-	-	-	-	-	
3.6) Other Support													
	-	0.298	-	1.577	-	-	-	-	-	-	-	-	
3.7) Interim Contractor Support													
	-	0.000	-	-	-	-	-	-	-	-	-	-	
<i>Total Support Cost</i>		19.947	4.827	0.000	0.000	0.000						0.000	
<i>Procurement Cost (Procurement + Support)</i>		67.607	14.627	0.000	10.380	0.000						10.380	
<i>Total Installation Cost</i>		4.263	0.650	0.000	7.550	0.000						7.550	
Total Cost (Procurement + Support + Installation)		71.870	15.277	0.000	17.930	0.000						17.930	

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Exhibit P-3A, Individual Modification: PB 2013 Navy										Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1					P-1 Line Item Nomenclature: 0549 - Trainer Acft Series					Modification Nomenclature (Modification Title, Modification Number): OSIP 005-04 - T44 AVIONICS OBSOLESCENCE - 1			
Models of Systems Affected: T-44A/C				Type Modification: Safety				Related RDT&E PEs:					
Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
OSIP 005-04 - T44 AVIONICS OBSOLESCENCE													
A Kits													
Recurring													
1.1.1) Install Kits - NonOrganic ⁽¹⁾	3	11.200	-	-	-	-	-	-	-	-	54	30.041	
<i>Subtotal Recurring</i>		11.200		0.000		0.000		0.000		0.000		30.041	
NonRecurring													
1.2.1) Installation kits Non-recurring - Organic	-	-	-	-	-	-	-	-	-	-	3	5.641	
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		5.641	
B Kits													
Recurring													
2.1.1) Installation Equipment - B kits - Organic	3	4.978	-	-	-	-	-	-	-	-	54	48.336	
<i>Subtotal Recurring</i>		4.978		0.000		0.000		0.000		0.000		48.336	
Total, OSIP 005-04 - T44 AVIONICS OBSOLESCENCE	6	16.178	-	-	-	-	-	-	-	-	111	84.018	
Total, All Modifications		16.178		0.000		0.000		0.000		0.000		84.018	
Support													
3.1) Engineering Change Orders	-	-	-	-	-	-	-	-	-	-	-	-	
3.2) DATA - Publications	-	-	-	-	-	-	-	-	-	-	-	0.344	
3.3) Training Equipment	-	-	-	-	-	-	-	-	-	-	14	22.555	
3.4) Support Equipment	-	-	-	-	-	-	-	-	-	-	-	-	
3.5) ILS	-	-	-	-	-	-	-	-	-	-	-	-	
3.6) Other Support	-	-	-	-	-	-	-	-	-	-	-	1.875	
3.7) Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	-	
Total Support Cost		0.000		0.000		0.000		0.000		0.000		24.774	
Procurement Cost (Procurement + Support)		16.178		0.000		0.000		0.000		0.000		108.792	
Total Installation Cost		3.775		4.600		0.000		0.000		0.000		20.838	
Total Cost (Procurement + Support + Installation)		19.953		4.600		0.000		0.000		0.000		129.630	

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0549 - Trainer Acft Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): OSIP 005-04 - T44 AVIONICS OBSOLESCENCE - 1

Models of Systems Affected: T-44A/C	Type Modification: Safety	Related RDT&E PEs:
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Remarks:
(1)1. NAS Jacksonville Fleet Support Team (FST) procures kits via contract with L3. Installs are completed by the FST.

Manufacturer Information: OSIP 005-04 - T44 AVIONICS OBSOLESCENCE

Manufacturer Name: Government Field Mod Team Manufacturer Location: FRC SE

Administrative Leadtime (*in Months*): 1 Production Leadtime (*in Months*): 12

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates	Jul 2011		Nov 2012	Nov 2013			
Delivery Dates	Oct 2012		Oct 2013	Oct 2014			

Installation: OSIP 005-04 - T44 AVIONICS OBSOLESCENCE **Method of Implementation:** FRC SE Government Field Mod Team **Installation Name:** Install Kits

Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>
All Prior Years	25	4.263	7	0.650	-	-	9	4.247	0	0.000	9	4.247
FY 2011	-	-	-	-	-	-	7	3.303	0	0.000	7	3.303
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	25	4.263	7	0.650	-	-	16	7.550	0	0.000	16	7.550

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>
All Prior Years	-	-	-	-	-	-	-	-	-	-	41	9.160
FY 2011	-	-	-	-	-	-	-	-	-	-	7	3.303
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	3	3.775	-	-	-	-	-	-	-	-	3	3.775

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0549 - Trainer Acft Series
		Modification Nomenclature (Modification Title, Modification Number): OSIP 005-04 - T44 AVIONICS OBSOLESCENCE - 1

Models of Systems Affected: T-44A/C	Type Modification: Safety	Related RDT&E PEs:
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Installation: OSIP 005-04 - T44 AVIONICS OBSOLESCENCE	Method of Implementation: FRC SE Government Field Mod Team	Installation Name: Install Kits
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Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
FY 2014	-	-	3	4.600	-	-	-	-	-	-	3	4.600
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	3	3.775	3	4.600	-	-	-	-	-	-	54	20.838

Installation Schedule																																	
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot		
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4				
In	25	-	-	3	4	-	-	-	-	4	4	4	4	1	1	1	-	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	54
Out	25	-	-	3	4	-	-	-	-	4	4	4	4	1	1	1	-	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	54

Installation: OSIP 005-04 - T44 AVIONICS OBSOLESCENCE	Method of Implementation: Not Installed - Installation kits Non-recurring	Installation Quantity: 3
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Installation: OSIP 005-04 - T44 AVIONICS OBSOLESCENCE	Method of Implementation: Not Installed - Installation Equipment - B kits	Installation Quantity: 54
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Installation: OSIP 005-04 - T44 AVIONICS OBSOLESCENCE	Method of Implementation: Not Installed - Training Equipment	Installation Quantity: 14
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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0549 - Trainer Acft Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): OSIP 006-07 TH-57 SAFETY UPGRADE - 2

Models of Systems Affected: TH-57B/C	Type Modification: Conversion/Safety	Related RDT&E PEs:
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	15.407	3.575	18.790	15.726	0.000	15.726	17.406	18.790	19.074	19.407	18.401	146.576
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	15.407	3.575	18.790	15.726	0.000	15.726	17.406	18.790	19.074	19.407	18.401	146.576
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	15.407	3.575	18.790	15.726	0.000	15.726	17.406	18.790	19.074	19.407	18.401	146.576

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The TH-57 is the sole platform for primary helicopter flight training for student aviators (USN, USMC, USCG) and foreign military pilots. This modernization effort capitalizes on technology improvements by increasing aircrew survivability and situational awareness while providing a fleet representative digital cockpit configuration. Obsolescence upgrades are to replace avionics purchased in 1981 through 1985, when the TH-57B and TH-57C aircraft were originally purchased.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES:

The components of this block upgrade will be COTS as turnkey items and the Aircraft Condition Inspection will be by the commercial contractor.

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Exhibit P-3A, Individual Modification: PB 2013 Navy										Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0549 - Trainer Acft Series						Modification Nomenclature (<i>Modification Title, Modification Number</i>): OSIP 006-07 TH-57 SAFETY UPGRADE - 2			
Models of Systems Affected: TH-57B/C				Type Modification: Conversion/Safety						Related RDT&E PEs:			
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
OSIP 006-07 TH-57 SAFETY UPGRADE													
A Kits													
Recurring													
1.1.1) Installation Kits - NonOrganic	2	2.810	-	-	18	5.976	19	6.222	-	-	19	6.222	
1.1.2) Installation Kits - Obsolescence - Organic	-	-	-	-	24	5.807	15	3.737	-	-	15	3.737	
<i>Subtotal Recurring</i>		2.810		0.000		11.783		9.959		0.000		9.959	
NonRecurring													
1.2.1) Installation Kits Non-recurring. - NonOrganic	-	2.656	-	-	-	-	-	-	-	-	-	-	
<i>Subtotal NonRecurring</i>		2.656		0.000		0.000		0.000		0.000		0.000	
B Kits													
Recurring													
2.1.1) Installation Equipment - Organic	2	0.020	-	-	18	0.174	19	0.144	-	-	19	0.144	
<i>Subtotal Recurring</i>		0.020		0.000		0.174		0.144		0.000		0.144	
Total, OSIP 006-07 TH-57 SAFETY UPGRADE	4	5.486	-	-	60	11.957	53	10.103	-	-	53	10.103	
<i>Total, All Modifications</i>		5.486		0.000		11.957		10.103		0.000		10.103	
Support													
3.1) Engineering Change Orders	-	0.000	-	-	-	-	-	-	-	-	-	-	
3.2) DATA - Publications	-	-	-	0.031	-	-	-	-	-	-	-	-	
3.3) Training Equipment - Trainer OFT	-	7.206	-	0.765	-	2.135	-	2.173	-	-	-	2.173	
3.4) Support Equipment	-	0.000	-	-	-	-	-	-	-	-	-	-	
3.5) ILS	-	0.000	-	-	-	-	-	-	-	-	-	-	
3.6) Other Support	-	1.501	-	2.779	-	1.280	-	0.611	-	-	-	0.611	
3.7) Interim Contractor Support	-	0.000	-	-	-	-	-	-	-	-	-	-	
<i>Total Support Cost</i>		8.707		3.575		3.415		2.784		0.000		2.784	
<i>Procurement Cost (Procurement + Support)</i>		14.193		3.575		15.372		12.887		0.000		12.887	
<i>Total Installation Cost</i>		1.214		0.000		3.418		2.839		0.000		2.839	
Total Cost (Procurement + Support + Installation)		15.407		3.575		18.790		15.726		0.000		15.726	

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Exhibit P-3A, Individual Modification: PB 2013 Navy										Date: February 2012				
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1					P-1 Line Item Nomenclature: 0549 - Trainer Acft Series					Modification Nomenclature (<i>Modification Title, Modification Number</i>): OSIP 006-07 TH-57 SAFETY UPGRADE - 2				
Models of Systems Affected: TH-57B/C				Type Modification: Conversion/Safety						Related RDT&E PEs:				
Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total			
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)		
Procurement														
OSIP 006-07 TH-57 SAFETY UPGRADE														
A Kits														
Recurring														
1.1.1) Installation Kits - NonOrganic	19	6.399	20	7.627	19	7.575	10	3.991	19	5.957	126	46.557		
1.1.2) Installation Kits - Obsolescence - Organic	15	3.833	20	5.260	7	1.946	6	1.774	39	9.384	126	31.741		
<i>Subtotal Recurring</i>		10.232		12.887		9.521		5.765		15.341		78.298		
NonRecurring														
1.2.1) Installation Kits Non-recurring. - NonOrganic	-	-	-	-	-	0.546	-	3.400	-	-	-	6.602		
<i>Subtotal NonRecurring</i>		0.000		0.000		0.546		3.400		0.000		6.602		
B Kits														
Recurring														
2.1.1) Installation Equipment - Organic	19	0.144	20	0.134	19	0.139	10	0.080	19	0.200	126	1.035		
<i>Subtotal Recurring</i>		0.144		0.134		0.139		0.080		0.200		1.035		
Total, OSIP 006-07 TH-57 SAFETY UPGRADE	53	10.376	60	13.021	45	10.206	26	9.245	77	15.541	378	85.935		
<i>Total, All Modifications</i>		10.376		13.021		10.206		9.245		15.541		85.935		
Support														
3.1) Engineering Change Orders	-	-	-	-	-	-	-	-	-	-	-	-		
3.2) DATA - Publications	-	-	-	-	-	-	-	-	-	-	-	0.031		
3.3) Training Equipment - Trainer OFT	-	3.204	-	2.294	-	3.563	-	4.398	-	-	-	25.738		
3.4) Support Equipment	-	-	-	-	-	-	-	-	-	-	-	-		
3.5) ILS	-	-	-	-	-	-	-	-	-	-	-	-		
3.6) Other Support	-	0.966	-	1.032	-	2.915	-	3.946	-	-	-	15.030		
3.7) Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	-		
<i>Total Support Cost</i>		4.170		3.326		6.478		8.344		0.000		40.799		
<i>Procurement Cost (Procurement + Support)</i>		14.546		16.347		16.684		17.589		15.541		126.734		
<i>Total Installation Cost</i>		2.860		2.443		2.390		1.818		2.860		19.842		
Total Cost (Procurement + Support + Installation)		17.406		18.790		19.074		19.407		18.401		146.576		

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0549 - Trainer Acft Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): OSIP 006-07 TH-57 SAFETY UPGRADE - 2

Models of Systems Affected: TH-57B/C	Type Modification: Conversion/Safety	Related RDT&E PEs:
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Remarks:

Manufacturer Information: OSIP 006-07 TH-57 SAFETY UPGRADE

Manufacturer Name: Contractor Field Mod Team	Manufacturer Location: Not Specified
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Administrative Leadtime (<i>in Months</i>): 1	Production Leadtime (<i>in Months</i>): 3
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Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates		Oct 2011	Oct 2012	Oct 2013			
Delivery Dates		Jan 2012	Jan 2013	Jan 2014			

Installation: OSIP 006-07 TH-57 SAFETY UPGRADE	Method of Implementation: Contractor Field Mod Team	Installation Name: Installation Kits
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	2	1.214	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	18	3.418	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	19	2.839	0	0.000	19	2.839
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	2	1.214	-	-	18	3.418	19	2.839	0	0.000	19	2.839

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	2	1.214
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	18	3.418
FY 2013	-	-	-	-	-	-	-	-	-	-	19	2.839
FY 2014	19	2.860	-	-	-	-	-	-	-	-	19	2.860

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0549 - Trainer Acft Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): OSIP 006-07 TH-57 SAFETY UPGRADE - 2

Models of Systems Affected: TH-57B/C	Type Modification: Conversion/Safety	Related RDT&E PEs:
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Installation: OSIP 006-07 TH-57 SAFETY UPGRADE	Method of Implementation: Contractor Field Mod Team	Installation Name: Installation Kits
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Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
FY 2015	-	-	20	2.443	-	-	-	-	-	-	20	2.443
FY 2016	-	-	-	-	19	2.390	-	-	-	-	19	2.390
FY 2017	-	-	-	-	-	-	10	1.818	-	-	10	1.818
To Complete	-	-	-	-	-	-	-	-	19	2.860	19	2.860
Total	19	2.860	20	2.443	19	2.390	10	1.818	19	2.860	126	19.842

Installation Schedule																															
APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot	
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4			
In	2	-	-	-	-	-	6	6	6	-	6	6	7	-	6	6	7	-	6	7	7	-	6	6	7	-	3	3	4	19	126
Out	2	-	-	-	-	-	6	6	6	-	6	6	7	-	6	6	7	-	6	7	7	-	6	6	7	-	3	3	4	19	126

Installation: OSIP 006-07 TH-57 SAFETY UPGRADE	Method of Implementation: Not Installed - Installation Kits - Obsolescence	Installation Quantity: 126
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Installation: OSIP 006-07 TH-57 SAFETY UPGRADE	Method of Implementation: Not Installed - Installation Equipment	Installation Quantity: 126
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Exhibit P-3A, Individual Modification: PB 2013 Navy							Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0549 - Trainer Acft Series				Modification Nomenclature <i>(Modification Title, Modification Number):</i> OSIP 007-07 Wing Wiring - 3				

Models of Systems Affected: T-44-A/C			Type Modification: Safety				Related RDT&E PEs:					
Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	4.167	0.610	0.000	0.628	0.000	0.628	0.747	0.000	0.000	0.000	3.166	9.318
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	4.167	0.610	0.000	0.628	0.000	0.628	0.747	0.000	0.000	0.000	3.166	9.318
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	4.167	0.610	0.000	0.628	0.000	0.628	0.747	0.000	0.000	0.000	3.166	9.318

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The NAVAIR Wiring System Team, AIR-4.4.4.3, completed a Wiring Integrity Study on the T-44A in FY02 and identified that the aircraft wiring, outside the pressure vessel, has deteriorated to an unacceptable condition. It was recommended that the wiring in the wings, from pressure vessel outward (including the engines) be replaced. Current Navy long-term plans are to operate the T-44A aircraft until the year 2025. In order to safely and economically maintain aircraft availability and Pilot Training Requirements, it is necessary to replace the wiring. Note that aircraft designated T-44A are redesignated T-44C upon completion of Avionics Obsolescence (OSIP 005-04) Modifications.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: Wing rewire will be accomplished in conjunction with Avionics Upgrade Mod. NAS Jacksonville Fleet Support Team (FST) are now able to fabricate the wiring kits. Beginning in FY13, kits will not be procured via contract, but fabricated by FST Jacksonville.

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Exhibit P-3A, Individual Modification: PB 2013 Navy										Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1					P-1 Line Item Nomenclature: 0549 - Trainer Acft Series					Modification Nomenclature (<i>Modification Title, Modification Number</i>): OSIP 007-07 Wing Wiring - 3			
Models of Systems Affected: T-44-A/C				Type Modification: Safety				Related RDT&E PEs:					
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
OSIP 007-07 Wing Wiring													
A Kits													
Recurring													
1.1.1) Installation Kits - Wing Wiring - NonOrganic ⁽²⁾													
	38	3.981	-	0.610	-	-	16	0.570	-	-	16	0.570	
<i>Subtotal Recurring</i>													
		3.981		0.610		0.000		0.570		0.000		0.570	
<i>Total, OSIP 007-07 Wing Wiring</i>													
	38	3.981	-	0.610	-	-	16	0.570	-	-	16	0.570	
<i>Total, All Modifications</i>													
		3.981		0.610		0.000		0.570		0.000		0.570	
Support													
3.1) Engineering Change Orders													
	-	0.000	-	-	-	-	-	-	-	-	-	-	
3.2) Data													
	-	0.000	-	-	-	-	-	-	-	-	-	-	
3.3) Training Equipment													
	-	0.000	-	-	-	-	-	-	-	-	-	-	
3.4) Support Equipment													
	-	0.048	-	-	-	-	-	-	-	-	-	-	
3.5) ILS													
	-	0.000	-	-	-	-	-	-	-	-	-	-	
3.6) Other Support													
	-	-	-	-	-	-	-	-	-	-	-	-	
3.7) Interim Contractor Support													
	-	0.138	-	-	-	-	-	0.058	-	-	-	0.058	
<i>Total Support Cost</i>													
		0.186		0.000		0.000		0.058		0.000		0.058	
<i>Procurement Cost (Procurement + Support)</i>													
		4.167		0.610		0.000		0.628		0.000		0.628	
<i>Total Installation Cost</i>													
		0.000		0.000		0.000		0.000		0.000		0.000	
Total Cost (Procurement + Support + Installation)													
		4.167		0.610		0.000		0.628		0.000		0.628	
Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
OSIP 007-07 Wing Wiring													
A Kits													
Recurring													
1.1.1) Installation Kits - Wing Wiring - NonOrganic ⁽²⁾													
	6	0.247	-	-	-	-	-	-	23	2.966	83	8.374	

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0549 - Trainer Acft Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): OSIP 007-07 Wing Wiring - 3

Models of Systems Affected: T-44-A/C	Type Modification: Safety	Related RDT&E PEs:
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
<i>Subtotal Recurring</i>		0.247		0.000		0.000		0.000		2.966		8.374
<i>Total, OSIP 007-07 Wing Wiring</i>	6	0.247	-	-	-	-	-	-	23	2.966	83	8.374
<i>Total, All Modifications</i>		0.247		0.000		0.000		0.000		2.966		8.374
Support												
3.1) Engineering Change Orders	-	-	-	-	-	-	-	-	-	-	-	-
3.2) Data	-	-	-	-	-	-	-	-	-	-	-	-
3.3) Training Equipment	-	-	-	-	-	-	-	-	-	-	-	-
3.4) Support Equipment	-	-	-	-	-	-	-	-	-	-	-	0.048
3.5) ILS	-	-	-	-	-	-	-	-	-	-	-	-
3.6) Other Support	-	0.500	-	-	-	-	-	-	-	-	-	0.500
3.7) Interim Contractor Support	-	-	-	-	-	-	-	-	-	0.200	-	0.396
<i>Total Support Cost</i>		0.500		0.000		0.000		0.000		0.200		0.944
<i>Procurement Cost (Procurement + Support)</i>		0.747		0.000		0.000		0.000		3.166		9.318
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		0.747		0.000		0.000		0.000		3.166		9.318

Remarks:
(2) Installations are funded out of OSIP 05-04, Avionics Obsolescence

Manufacturer Information: OSIP 007-07 Wing Wiring							
Manufacturer Name: Government Field Mod Team				Manufacturer Location: FRC SE			
Administrative Leadtime (<i>in Months</i>): 0				Production Leadtime (<i>in Months</i>): 0			
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates							
Delivery Dates			Nov 2012	Nov 2013			

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0549 - Trainer Acft Series
Models of Systems Affected: T-44-A/C		Type Modification: Safety
Related RDT&E PEs:		

Installation: OSIP 007-07 Wing Wiring	Method of Implementation: Concurrent with Avionics Upgrade Modification at Fleet Support Team NAS Jacksonville	Installation Name: Installation Kits - Wing Wiring
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	38	0.000	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	16	0.000	0	0.000	16	0.000
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	38	0.000	-	-	-	-	16	0.000	0	0.000	16	0.000

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	38	0.000
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	16	0.000
FY 2014	6	0.000	-	-	-	-	-	-	-	-	6	0.000
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	23	0.000	23	0.000
Total	6	0.000	-	-	-	-	-	-	23	0.000	83	0.000

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0549 - Trainer Acft Series
Models of Systems Affected: T-44-A/C		Type Modification: Safety
Related RDT&E PEs:		

Installation: OSIP 007-07 Wing Wiring	Method of Implementation: Concurrent with Avionics Upgrade Modification at Fleet Support Team NAS Jacksonville	Installation Name: Installation Kits - Wing Wiring
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Installation Schedule																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	38	-	-	-	-	-	-	-	-	4	4	4	4	2	2	1	1	-	-	-	-	-	-	-	-	-	-	-	-	23	83
Out	38	-	-	-	-	-	-	-	-	4	4	4	4	2	2	1	1	-	-	-	-	-	-	-	-	-	-	-	-	23	83

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy							Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1			P-1 Line Item Nomenclature: 0549 - Trainer Acft Series				Modification Nomenclature (<i>Modification Title, Modification Number</i>): Inactive OSIPs - 4					

Models of Systems Affected: [No Model Specified] **Type Modification:** [No Modification Type Specified] **Related RDT&E PEs:**

Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	51.174	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	51.174
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	51.174	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	51.174
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	51.174	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	51.174

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0549 - Trainer Acft Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Inactive OSIPs - 4

Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs:
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
Inactive OSIPs												
A Kits												
Recurring												
1.1.1) Inactive OSIPs - Organic	-	51.174	-	-	-	-	-	-	-	-	-	-
<i>Subtotal Recurring</i>		51.174		0.000		0.000		0.000		0.000		0.000
<i>Total, Inactive OSIPs</i>	-	51.174	-	-	-	-	-	-	-	-	-	-
<i>Total, All Modifications</i>		51.174		0.000		0.000		0.000		0.000		0.000
Support												
3.1) Engineering Change Orders	-	0.000	-	-	-	-	-	-	-	-	-	-
3.2) Data	-	0.000	-	-	-	-	-	-	-	-	-	-
3.3) Training Equipment	-	0.000	-	-	-	-	-	-	-	-	-	-
3.4) Support Equipment	-	0.000	-	-	-	-	-	-	-	-	-	-
3.5) ILS	-	0.000	-	-	-	-	-	-	-	-	-	-
3.6) Other Support	-	0.000	-	-	-	-	-	-	-	-	-	-
3.7) Interim Contractor Support	-	0.000	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
<i>Procurement Cost (Procurement + Support)</i>		51.174		0.000		0.000		0.000		0.000		0.000
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		51.174		0.000		0.000		0.000		0.000		0.000

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
Inactive OSIPs												
A Kits												
Recurring												
1.1.1) Inactive OSIPs - Organic	-	-	-	-	-	-	-	-	-	-	-	51.174
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		51.174

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy									Date: February 2012				
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0549 - Trainer Acft Series					Modification Nomenclature (<i>Modification Title, Modification Number</i>): Inactive OSIPs - 4				
Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]				Related RDT&E PEs:						
Financial Plan		FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
		<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>
<i>Total, Inactive OSIPs</i>		-	-	-	-	-	-	-	-	-	-	-	51.174
<i>Total, All Modifications</i>			0.000		0.000		0.000		0.000		0.000		51.174
Support													
3.1) Engineering Change Orders		-	-	-	-	-	-	-	-	-	-	-	-
3.2) Data		-	-	-	-	-	-	-	-	-	-	-	-
3.3) Training Equipment		-	-	-	-	-	-	-	-	-	-	-	-
3.4) Support Equipment		-	-	-	-	-	-	-	-	-	-	-	-
3.5) ILS		-	-	-	-	-	-	-	-	-	-	-	-
3.6) Other Support		-	-	-	-	-	-	-	-	-	-	-	-
3.7) Interim Contractor Support		-	-	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>			0.000		0.000		0.000		0.000		0.000		0.000
<i>Procurement Cost (Procurement + Support)</i>			0.000		0.000		0.000		0.000		0.000		51.174
<i>Total Installation Cost</i>			0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)			0.000		0.000		0.000		0.000		0.000		51.174
Remarks:													
Manufacturer Information: Inactive OSIPs													
Manufacturer Name: Manufacturer Name Not Provided.							Manufacturer Location: Manufacturer Location Not Provided.						
Administrative Leadtime (<i>in Months</i>):							Production Leadtime (<i>in Months</i>):						
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016
Contract Dates													
Delivery Dates													
Installation: Inactive OSIPs			Method of Implementation: No Quantities Associated with Install					Installation Quantity: 0					

UNCLASSIFIED

Exhibit P-40, Budget Item Justification Sheet: PB 2013 Navy **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity:
1506N : Aircraft Procurement, Navy / BA 5 : Modification of Aircraft / BSA 1 :
Modification Of Aircraft

P-1 Line Item Nomenclature:
0556 - C-2A

ID Code (A=Service Ready, B=Not Service Ready) : A **Program Elements for Code B Items:** **Other Related Program Elements:**

Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	419.480	15.912	16.302	4.743	-	4.743	4.851	4.774	4.571	4.677	2.475	477.785
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	419.480	15.912	16.302	4.743	-	4.743	4.851	4.774	4.571	4.677	2.475	477.785
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	419.480	15.912	16.302	4.743	-	4.743	4.851	4.774	4.571	4.677	2.475	477.785

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The C-2A(R) Greyhound is a high wing monoplane, twin engine turbo-prop aircraft capable of operating from both a shore base and all operational United States Navy aircraft carrier classes. The mission of the C-2A(R) is to provide rapid response Carrier Onboard Delivery of fleet essential supplies, repair parts, and personnel to sustain at sea operations of deployed battle groups. In addition, the C-2A(R) provides airdrop delivery and mobilization support for special operations forces from land bases and carriers. The design service life of the C-2A(R) is 10,000 flight hours with 15,000 landings. Service Life Extension Program (SLEP) modifications increase the service life to 15,000 flight hours and 36,000 landings, remove and replace all aircraft wiring and install various upgrades to allow C-2A(R) to meet requirements into the next decade. The overall goal of the modifications is to continue procurement efforts for the C-2A(R) SLEP and the Critical Components Program. Critical Components are composed of Alighting & Landings, Avionics Upgrades, Engine Power & Propulsion, Hydraulic's, and Structural/Pressurization Engineering Change Proposals. The C-2 Greyhound AIC-14A Internal Communications System (ICS) Operational Safety and Improvement Program (16-10) provides for improvement and redesign of the of the C-2A's AN/AIC-14A C-2645C ICS. The C-2 Critical Brake Upgrade OSIP (7-14) provides funding for air vehicle modifications to improve operational ground controllability of C-2A aircraft.

Item Schedule		ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
024-94 C-2A SLEP - 1	P3A		-	-	403.718	-	-	14.068	-	-	14.616	-	-	3.974	-	-	0.000	-	-	3.974
011-07 Critical Components - 2	P3A		-	-	8.662	-	-	1.844	-	-	1.686	-	-	0.769	-	-	0.000	-	-	0.769
007-14 C-2 Critical Brake Upgrade - 3	P3A		-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000
Inactive OSIPS - 4	P3A		-	-	7.100	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000
Total Gross/Weapon System Cost					419.480			15.912			16.302			4.743			-			4.743

UNCLASSIFIED

Exhibit P-40, Budget Item Justification Sheet: PB 2013 Navy **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 1506N : Aircraft Procurement, Navy / BA 5 : Modification of Aircraft / BSA 1 : Modification Of Aircraft	P-1 Line Item Nomenclature: 0556 - C-2A
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ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:
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Item Nomenclature*	Exhibits	ID CD	FY 2014			FY 2015			FY 2016			FY 2017			To Complete			Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
024-94 C-2A SLEP - 1	P3A		-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	436.376
011-07 Critical Components - 2	P3A		-	-	0.902	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	13.863
007-14 C-2 Critical Brake Upgrade - 3	P3A		-	-	3.949	-	-	4.774	-	-	4.571	-	-	4.677	-	-	2.475	-	-	20.446
Inactive OSIPS - 4	P3A		-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	7.100
Total Gross/Weapon System Cost					4.851			4.774			4.571			4.677			2.475			477.785

*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.

Justification:

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0556 - C-2A	Modification Nomenclature (<i>Modification Title, Modification Number</i>): 024-94 C-2A SLEP - 1

Models of Systems Affected: C-2A(R) Aircraft	Type Modification: Mission Performance Enhancements	Related RDT&E PEs:
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	403.718	14.068	14.616	3.974	0.000	3.974	0.000	0.000	0.000	0.000	0.000	436.376
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	403.718	14.068	14.616	3.974	0.000	3.974	0.000	0.000	0.000	0.000	0.000	436.376
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	403.718	14.068	14.616	3.974	0.000	3.974	0.000	0.000	0.000	0.000	0.000	436.376

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The C-2A(R) Block Upgrade/Service Life Extension Program extends the Navy's Carrier Onboard Delivery capability beyond current projected service life. Efforts funded in this Operational Safety and Improvement Program (OSIP) include Structural Enhancements, Aircraft Rewiring, L-Probe Kit, CAINS I I, ARC-210 Radios, Trim Actuators, Outer Wing Panel Enhancements, and NP-2000 (8 bladed propeller).

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES:

Development and Operational Testing (DT and OT) have been completed for the Structures and Rewire efforts included in this OSIP. Aircraft Rewire effort experienced technical difficulties during initial validation process and program was restructured resulting in a 2 year slip. Procurement of Rewire kits commenced in FY06. NP2000 has also experienced delays due to test article issues related to the program. It has also experienced a two year slip and has been restructured. DT and OT for NP2000 completed in 1st Qtr FY 2008.

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0556 - C-2A	Modification Nomenclature (<i>Modification Title, Modification Number</i>): 024-94 C-2A SLEP - 1

Models of Systems Affected: C-2A(R) Aircraft	Type Modification: Mission Performance Enhancements	Related RDT&E PEs:
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
024-94 C-2A SLEP												
A Kits												
Recurring												
1.1.1) ARC-210 - NonOrganic	35	2.954	-	-	-	-	-	-	-	-	-	-
1.1.2) CAINS II (AFC-156) - NonOrganic	36	2.322	-	-	-	-	-	-	-	-	-	-
1.1.3) Interim AFC - NonOrganic	5	0.281	-	-	-	-	-	-	-	-	-	-
1.1.4) Interim AFC - DERF - NonOrganic	2	0.138	-	-	-	-	-	-	-	-	-	-
1.1.5) L-Probe (AFC-161) - NonOrganic	36	0.259	-	-	-	-	-	-	-	-	-	-
1.1.6) NP2000 - NonOrganic	10	1.264	8	0.631	1	0.075	-	-	-	-	-	-
1.1.7) NP2000 Val/Ver - Organic ⁽¹⁾	1	0.000	-	-	-	-	-	-	-	-	-	-
1.1.8) OWP Conversion (AYC-A) - Organic	19	3.104	-	-	-	-	-	-	-	-	-	-
1.1.9) OWP Enhancement (AFC-378) - NonOrganic	70	6.064	-	-	-	-	-	-	-	-	-	-
1.1.10) OWP Enhancement (AFC-Y) - Organic	4	10.785	-	-	-	-	-	-	-	-	-	-
1.1.11) Rewire (AFC-162) - NonOrganic	26	21.032	5	3.023	1	0.653	-	-	-	-	-	-
1.1.12) Rewire (AFC-162) Val/Ver/old design - Organic ⁽²⁾	5	0.000	-	-	-	-	-	-	-	-	-	-
1.1.13) Rewire (AFC-162) - DERF - Organic	2	1.700	-	-	-	-	-	-	-	-	-	-
1.1.14) Structure (AFC-171) - DERF - NonOrganic	1	0.414	-	-	-	-	-	-	-	-	-	-
1.1.15) Structure Kit (AFC-171) - NonOrganic	33	9.120	-	-	-	-	-	-	-	-	-	-
1.1.16) Trim Actuator - NonOrganic	70	0.184	-	-	-	-	-	-	-	-	-	-
<i>Subtotal Recurring</i>		59.621		3.654		0.728		0.000		0.000		0.000
NonRecurring												
1.2.1) Installation Kits N/R - Organic	6	45.278	-	-	-	-	-	-	-	-	-	-
<i>Subtotal NonRecurring</i>		45.278		0.000		0.000		0.000		0.000		0.000
B Kits												
Recurring												
2.1.1) Installation Equipment - CAINS II B Kits - Organic	50	6.105	-	-	-	-	-	-	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0556 - C-2A	Modification Nomenclature (<i>Modification Title, Modification Number</i>): 024-94 C-2A SLEP - 1

Models of Systems Affected: C-2A(R) Aircraft	Type Modification: Mission Performance Enhancements	Related RDT&E PEs:
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
<i>Subtotal Recurring</i>		6.105		0.000		0.000		0.000		0.000		0.000
NonRecurring												
2.2.1) Installation Equipment N/R - Organic	-	4.244	-	-	-	-	-	-	-	-	-	-
<i>Subtotal NonRecurring</i>		4.244		0.000		0.000		0.000		0.000		0.000
<i>Total, 024-94 C-2A SLEP</i>	411	115.248	13	3.654	2	0.728	-	-	-	-	-	-
<i>Total, All Modifications</i>		115.248		3.654		0.728		0.000		0.000		0.000
Support												
3.1) Data	-	16.668	-	-	-	-	-	-	-	-	-	-
3.2) Engineering Change Orders	-	0.000	-	-	-	-	-	-	-	-	-	-
3.3) Training Equipment	-	8.960	-	0.364	-	-	-	-	-	-	-	-
3.4) Support Equipment	-	4.785	-	-	-	-	-	-	-	-	-	-
3.5) Total ILS	-	7.071	-	0.370	-	0.129	-	0.317	-	-	-	0.317
3.6) Other Support	-	148.890	-	2.635	-	0.582	-	1.086	-	-	-	1.086
3.7) Interim Contractor Support	-	0.000	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		186.374		3.369		0.711		1.403		0.000		1.403
<i>Procurement Cost (Procurement + Support)</i>		301.622		7.023		1.439		1.403		0.000		1.403
<i>Total Installation Cost</i>		102.096		7.045		13.177		2.571		0.000		2.571
Total Cost (Procurement + Support + Installation)		403.718		14.068		14.616		3.974		0.000		3.974

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
024-94 C-2A SLEP												
A Kits												
Recurring												
1.1.1) ARC-210 - NonOrganic	-	-	-	-	-	-	-	-	-	-	35	2.954
1.1.2) CAINS II (AFC-156) - NonOrganic	-	-	-	-	-	-	-	-	-	-	36	2.322
1.1.3) Interim AFC - NonOrganic	-	-	-	-	-	-	-	-	-	-	5	0.281

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Exhibit P-3A, Individual Modification: PB 2013 Navy								Date: February 2012				
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0556 - C-2A				Modification Nomenclature (<i>Modification Title, Modification Number</i>): 024-94 C-2A SLEP - 1				
Models of Systems Affected: C-2A(R) Aircraft			Type Modification: Mission Performance Enhancements				Related RDT&E PEs:					
Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
1.1.4) Interim AFC - DERF - NonOrganic	-	-	-	-	-	-	-	-	-	-	2	0.138
1.1.5) L-Probe (AFC-161) - NonOrganic	-	-	-	-	-	-	-	-	-	-	36	0.259
1.1.6) NP2000 - NonOrganic	-	-	-	-	-	-	-	-	-	-	19	1.970
1.1.7) NP2000 Val/Ver - Organic ⁽¹⁾	-	-	-	-	-	-	-	-	-	-	1	0.000
1.1.8) OWP Conversion (AYC-A) - Organic	-	-	-	-	-	-	-	-	-	-	19	3.104
1.1.9) OWP Enhancement (AFC-378) - NonOrganic	-	-	-	-	-	-	-	-	-	-	70	6.064
1.1.10) OWP Enhancement (AFC-Y) - Organic	-	-	-	-	-	-	-	-	-	-	4	10.785
1.1.11) Rewire (AFC-162) - NonOrganic	-	-	-	-	-	-	-	-	-	-	32	24.708
1.1.12) Rewire (AFC-162) Val/Ver/old design - Organic ⁽²⁾	-	-	-	-	-	-	-	-	-	-	5	0.000
1.1.13) Rewire (AFC-162) - DERF - Organic	-	-	-	-	-	-	-	-	-	-	2	1.700
1.1.14) Structure (AFC-171) - DERF - NonOrganic	-	-	-	-	-	-	-	-	-	-	1	0.414
1.1.15) Structure Kit (AFC-171) - NonOrganic	-	-	-	-	-	-	-	-	-	-	33	9.120
1.1.16) Trim Actuator - NonOrganic	-	-	-	-	-	-	-	-	-	-	70	0.184
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		64.003
NonRecurring												
1.2.1) Installation Kits N/R - Organic	-	-	-	-	-	-	-	-	-	-	6	45.278
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		45.278
B Kits												
Recurring												
2.1.1) Installation Equipment - CAINS II B Kits - Organic	-	-	-	-	-	-	-	-	-	-	50	6.105
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		6.105
NonRecurring												
2.2.1) Installation Equipment N/R - Organic	-	-	-	-	-	-	-	-	-	-	-	4.244
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		4.244
<i>Total, 024-94 C-2A SLEP</i>	-	-	-	-	-	-	-	-	-	-	426	119.630
<i>Total, All Modifications</i>		0.000		0.000		0.000		0.000		0.000		119.630
Support												

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0556 - C-2A	Modification Nomenclature (<i>Modification Title, Modification Number</i>): 024-94 C-2A SLEP - 1

Models of Systems Affected: C-2A(R) Aircraft	Type Modification: Mission Performance Enhancements	Related RDT&E PEs:
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
3.1) Data	-	-	-	-	-	-	-	-	-	-	-	16.668
3.2) Engineering Change Orders	-	-	-	-	-	-	-	-	-	-	-	-
3.3) Training Equipment	-	-	-	-	-	-	-	-	-	-	-	9.324
3.4) Support Equipment	-	-	-	-	-	-	-	-	-	-	-	4.785
3.5) Total ILS	-	-	-	-	-	-	-	-	-	-	-	7.887
3.6) Other Support	-	-	-	-	-	-	-	-	-	-	-	153.193
3.7) Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	-
Total Support Cost		0.000		0.000		0.000		0.000		0.000		191.857
Procurement Cost (Procurement + Support)		0.000		0.000		0.000		0.000		0.000		311.487
Total Installation Cost		0.000		0.000		0.000		0.000		0.000		124.889
Total Cost (Procurement + Support + Installation)		0.000		0.000		0.000		0.000		0.000		436.376

Remarks:

- (1)Prior year - Prototype Kit/ Kit was Validation & Verification Kit
- (2)Prior Year Kits - 2 Kits purchased in prior years were installed yet no longer reflect current design and could not be used
- Prior year kits - 3 kits were used for Prototype, Validation and Verification

Manufacturer Information: 024-94 C-2A SLEP

Manufacturer Name: NP2000	Manufacturer Location: Not Specified
Administrative Leadtime (in Months): 1	Production Leadtime (in Months): 12

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates	Oct 2010	Oct 2011					
Delivery Dates	Oct 2011	Oct 2012					

Manufacturer Name: Rewire (AFC-162)	Manufacturer Location: Not Specified
Administrative Leadtime (in Months): 1	Production Leadtime (in Months): 14

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates	Oct 2010	Oct 2011					
Delivery Dates	Dec 2011	Dec 2012					

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0556 - C-2A
Models of Systems Affected: C-2A(R) Aircraft		Modification Nomenclature (<i>Modification Title, Modification Number</i>): 024-94 C-2A SLEP - 1
Type Modification: Mission Performance Enhancements		Related RDT&E PEs:

Installation: 024-94 C-2A SLEP			Method of Implementation: [none specified]				Installation Name: ARC-210					
Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	35	2.312	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	35	2.312	-	-	-	-	-	-	-	-	-	-

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	35	2.312
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	35	2.312

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0556 - C-2A
Modification Nomenclature (Modification Title, Modification Number): 024-94 C-2A SLEP - 1		

Models of Systems Affected: C-2A(R) Aircraft	Type Modification: Mission Performance Enhancements	Related RDT&E PEs:
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Installation: 024-94 C-2A SLEP	Method of Implementation: [none specified]	Installation Name: ARC-210
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Installation Schedule																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	35
Out	35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	35

Installation: 024-94 C-2A SLEP	Method of Implementation: [none specified]	Installation Name: CAINS II (AFC-156)
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	36	2.150	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	36	2.150	-	-	-	-	-	-	-	-	-	-

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	36	2.150
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0556 - C-2A
Models of Systems Affected: C-2A(R) Aircraft		Modification Nomenclature (Modification Title, Modification Number): 024-94 C-2A SLEP - 1
Type Modification: Mission Performance Enhancements		Related RDT&E PEs:

Installation: 024-94 C-2A SLEP		Method of Implementation: [none specified]					Installation Name: CAINS II (AFC-156)					
Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	36	2.150

Installation Schedule																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	36	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	36
Out	36	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	36

Installation: 024-94 C-2A SLEP		Method of Implementation: [none specified]					Installation Name: Interim AFC					
Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	5	0.978	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	5	0.978	-	-	-	-	-	-	-	-	-	-

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0556 - C-2A
Models of Systems Affected: C-2A(R) Aircraft		Modification Nomenclature (Modification Title, Modification Number): 024-94 C-2A SLEP - 1
Type Modification: Mission Performance Enhancements		Related RDT&E PEs:

Installation: 024-94 C-2A SLEP		Method of Implementation: [none specified]						Installation Name: Interim AFC					
Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
All Prior Years	-	-	-	-	-	-	-	-	-	-	5	0.978	
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-	
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-	
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-	
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-	
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-	
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-	
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-	
To Complete	-	-	-	-	-	-	-	-	-	-	-	-	
Total	-	-	-	-	-	-	-	-	-	-	5	0.978	

Installation Schedule																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5
Out	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5

Installation: 024-94 C-2A SLEP		Method of Implementation: [none specified]						Installation Name: Interim AFC - DERF					
Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
All Prior Years	2	0.362	-	-	-	-	-	-	-	-	-	-	
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-	
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-	
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-	
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-	
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-	
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-	

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0556 - C-2A
Models of Systems Affected: C-2A(R) Aircraft		Modification Nomenclature (Modification Title, Modification Number): 024-94 C-2A SLEP - 1
Type Modification: Mission Performance Enhancements		Related RDT&E PEs:

Installation: 024-94 C-2A SLEP	Method of Implementation: [none specified]	Installation Name: Interim AFC - DERF
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	2	0.362	-	-	-	-	-	-	-	-	-	-

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	2	0.362
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	2	0.362

Installation Schedule																															
APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot	
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4			
In	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
Out	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2

Installation: 024-94 C-2A SLEP	Method of Implementation: [none specified]	Installation Name: L-Probe (AFC-161)
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	36	0.280	-	-	-	-	-	-	-	-	-	-

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0556 - C-2A
Models of Systems Affected: C-2A(R) Aircraft		Modification Nomenclature (<i>Modification Title, Modification Number</i>): 024-94 C-2A SLEP - 1
Type Modification: Mission Performance Enhancements		Related RDT&E PEs:

Installation: 024-94 C-2A SLEP		Method of Implementation: [none specified]				Installation Name: L-Probe (AFC-161)						
Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	36	0.280	-	-	-	-	-	-	-	-	-	-

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>
All Prior Years	-	-	-	-	-	-	-	-	-	-	36	0.280
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	36	0.280

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0556 - C-2A
Models of Systems Affected: C-2A(R) Aircraft		Modification Nomenclature (Modification Title, Modification Number): 024-94 C-2A SLEP - 1
Type Modification: Mission Performance Enhancements		Related RDT&E PEs:

Installation: 024-94 C-2A SLEP	Method of Implementation: [none specified]	Installation Name: L-Probe (AFC-161)
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Installation Schedule

	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot	
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4			
In	36	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	36
Out	36	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	36

Installation: 024-94 C-2A SLEP	Method of Implementation: Concurrent with PMI Drive in Mod	Installation Name: NP2000
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>
All Prior Years	8	1.273	2	0.450	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	8	1.855	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	1	0.239	0	0.000	1	0.239
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	8	1.273	2	0.450	8	1.855	1	0.239	0	0.000	1	0.239

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>
All Prior Years	-	-	-	-	-	-	-	-	-	-	10	1.723
FY 2011	-	-	-	-	-	-	-	-	-	-	8	1.855
FY 2012	-	-	-	-	-	-	-	-	-	-	1	0.239
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0556 - C-2A
Models of Systems Affected: C-2A(R) Aircraft		Modification Nomenclature (<i>Modification Title, Modification Number</i>): 024-94 C-2A SLEP - 1
Type Modification: Mission Performance Enhancements		Related RDT&E PEs:

Installation: 024-94 C-2A SLEP	Method of Implementation: Concurrent with PMI Drive in Mod	Installation Name: NP2000
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Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	19	3.817

Installation Schedule																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	8	1	-	1	-	2	2	2	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19	
Out	8	-	1	-	1	2	2	2	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19	

Installation: 024-94 C-2A SLEP	Method of Implementation: [none specified]	Installation Name: OWP Enhancement (AFC-378)
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	70	14.498	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	70	14.498	-	-	-	-	-	-	-	-	-	-

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0556 - C-2A
Models of Systems Affected: C-2A(R) Aircraft		Modification Nomenclature (Modification Title, Modification Number): 024-94 C-2A SLEP - 1
Type Modification: Mission Performance Enhancements		Related RDT&E PEs:

Installation: 024-94 C-2A SLEP	Method of Implementation: [none specified]	Installation Name: OWP Enhancement (AFC-378)
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Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	70	14.498
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	70	14.498

Installation Schedule																														
APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	70	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	70	
Out	70	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	70	

Installation: 024-94 C-2A SLEP	Method of Implementation: Concurrent with PMI & Field Mod Team	Installation Name: Rewire (AFC-162)
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	23	39.079	3	6.595	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	5	11.322	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	1	2.332	0	0.000	1	2.332
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0556 - C-2A
Models of Systems Affected: C-2A(R) Aircraft		Modification Nomenclature (Modification Title, Modification Number): 024-94 C-2A SLEP - 1
Type Modification: Mission Performance Enhancements		Related RDT&E PEs:

Installation: 024-94 C-2A SLEP	Method of Implementation: Concurrent with PMI & Field Mod Team	Installation Name: Rewire (AFC-162)
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	23	39.079	3	6.595	5	11.322	1	2.332	0	0.000	1	2.332

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	26	45.674
FY 2011	-	-	-	-	-	-	-	-	-	-	5	11.322
FY 2012	-	-	-	-	-	-	-	-	-	-	1	2.332
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	32	59.328

Installation Schedule																														
APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	23	1	1	1	-	2	1	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	32		
Out	22	-	2	1	1	-	-	-	2	1	1	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	32		

Installation: 024-94 C-2A SLEP	Method of Implementation: [none specified]	Installation Name: Structure (AFC-171) - DERF
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	1	2.143	-	-	-	-	-	-	-	-	-	-

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0556 - C-2A	Modification Nomenclature (<i>Modification Title, Modification Number</i>): 024-94 C-2A SLEP - 1
Models of Systems Affected: C-2A(R) Aircraft	Type Modification: Mission Performance Enhancements	Related RDT&E PEs:

Installation: 024-94 C-2A SLEP	Method of Implementation: [none specified]	Installation Name: Structure (AFC-171) - DERF
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	1	2.143	-	-	-	-	-	-	-	-	-	-

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	1	2.143
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	1	2.143

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0556 - C-2A
Models of Systems Affected: C-2A(R) Aircraft		Modification Nomenclature (<i>Modification Title, Modification Number</i>): 024-94 C-2A SLEP - 1
Type Modification: Mission Performance Enhancements		Related RDT&E PEs:

Installation: 024-94 C-2A SLEP	Method of Implementation: [none specified]	Installation Name: Structure (AFC-171) - DERF
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Installation Schedule

	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Out	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Installation: 024-94 C-2A SLEP	Method of Implementation: [none specified]	Installation Name: Structure Kit (AFC-171)
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>
All Prior Years	33	38.178	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	33	38.178	-	-	-	-	-	-	-	-	-	-

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>
All Prior Years	-	-	-	-	-	-	-	-	-	-	33	38.178
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0556 - C-2A
Models of Systems Affected: C-2A(R) Aircraft		Modification Nomenclature (Modification Title, Modification Number): 024-94 C-2A SLEP - 1
Type Modification: Mission Performance Enhancements		Related RDT&E PEs:

Installation: 024-94 C-2A SLEP	Method of Implementation: [none specified]	Installation Name: Structure Kit (AFC-171)
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Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	33	38.178

Installation Schedule																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	33	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	33
Out	33	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	33

Installation: 024-94 C-2A SLEP	Method of Implementation: [none specified]	Installation Name: Trim Actuator
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	70	0.843	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	70	0.843	-	-	-	-	-	-	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0556 - C-2A	Modification Nomenclature (Modification Title, Modification Number): 024-94 C-2A SLEP - 1
Models of Systems Affected: C-2A(R) Aircraft	Type Modification: Mission Performance Enhancements	Related RDT&E PEs:

Installation: 024-94 C-2A SLEP	Method of Implementation: [none specified]	Installation Name: Trim Actuator
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Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	70	0.843
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	70	0.843

Installation Schedule																														
APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	70	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	70	
Out	70	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	70	

Installation: 024-94 C-2A SLEP	Method of Implementation: Organic - NP2000 Val/Ver	Installation Quantity: 1
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Installation: 024-94 C-2A SLEP	Method of Implementation: Not Installed - OWP Conversion (AYC-A)	Installation Quantity: 19
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Installation: 024-94 C-2A SLEP	Method of Implementation: Not Installed - OWP Enhancement (AFC-Y)	Installation Quantity: 4
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Installation: 024-94 C-2A SLEP	Method of Implementation: Not Installed - Rewire (AFC-162) Val/Ver/old design	Installation Quantity: 5
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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0556 - C-2A	Modification Nomenclature <i>(Modification Title, Modification Number):</i> 024-94 C-2A SLEP - 1
Models of Systems Affected: C-2A(R) Aircraft	Type Modification: Mission Performance Enhancements	Related RDT&E PEs:
Installation: 024-94 C-2A SLEP	Method of Implementation: Not Installed - Rewire (AFC-162) - DERF	Installation Quantity: 2
Installation: 024-94 C-2A SLEP	Method of Implementation: Not Installed - Installation Kits N/R	Installation Quantity: 6
Installation: 024-94 C-2A SLEP	Method of Implementation: Not Installed - Installation Equipment - CAINS II B Kits	Installation Quantity: 50

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Exhibit P-3A, Individual Modification: PB 2013 Navy							Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0556 - C-2A				Modification Nomenclature <i>(Modification Title, Modification Number):</i> 011-07 Critical Components - 2				
Models of Systems Affected: C-2A(R) Aircraft			Type Modification: Mission Performance Enhancements				Related RDT&E PEs:					

Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	8.662	1.844	1.686	0.769	0.000	0.769	0.902	0.000	0.000	0.000	0.000	13.863
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	8.662	1.844	1.686	0.769	0.000	0.769	0.902	0.000	0.000	0.000	0.000	13.863
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	8.662	1.844	1.686	0.769	0.000	0.769	0.902	0.000	0.000	0.000	0.000	13.863

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The C-2A(*R) Service Life Extension Program (SLEP) extends the Navy's Carrier Onboard Delivery capability beyond current projected service life. With this longer air vehicle life, problems with other non-SLEP systems require upgrade/modifications. This Operational Safety and Improvement Program procures a portion of the Critical Components avionics, hydraulics, structural, fuel, and power/electrical and propulsion subsystems.

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Exhibit P-3A, Individual Modification: PB 2013 Navy										Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0556 - C-2A						Modification Nomenclature (<i>Modification Title, Modification Number</i>): 011-07 Critical Components - 2			
Models of Systems Affected: C-2A(R) Aircraft				Type Modification: Mission Performance Enhancements				Related RDT&E PEs:					
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
011-07 Critical Components													
A Kits													
Recurring													
1.1.1) Avionics Upgrade - NonOrganic	35	0.785	-	-	-	-	-	-	-	-	-	-	
1.1.2) Engine Power & Propulstion - NonOrganic	32	1.734	3	0.271	-	-	-	-	-	-	-	-	
1.1.3) Structural/Pressurization - NonOrganic	35	1.235	-	-	-	-	-	-	-	-	-	-	
1.1.4) Structural - Organic	7	0.062	7	0.065	7	0.068	7	0.071	-	-	7	0.071	
<i>Subtotal Recurring</i>		<i>3.816</i>		<i>0.336</i>		<i>0.068</i>		<i>0.071</i>		<i>0.000</i>		<i>0.071</i>	
NonRecurring													
1.2.1) Installation Kits N/R - Organic	8	1.637	-	-	-	-	-	-	-	-	-	-	
<i>Subtotal NonRecurring</i>		<i>1.637</i>		<i>0.000</i>		<i>0.000</i>		<i>0.000</i>		<i>0.000</i>		<i>0.000</i>	
B Kits													
Recurring													
2.1.1) Installation Equipment - Organic	-	0.470	-	-	-	-	-	-	-	-	-	-	
<i>Subtotal Recurring</i>		<i>0.470</i>		<i>0.000</i>		<i>0.000</i>		<i>0.000</i>		<i>0.000</i>		<i>0.000</i>	
<i>Total, 011-07 Critical Components</i>	<i>117</i>	<i>5.923</i>	<i>10</i>	<i>0.336</i>	<i>7</i>	<i>0.068</i>	<i>7</i>	<i>0.071</i>	<i>-</i>	<i>-</i>	<i>7</i>	<i>0.071</i>	
<i>Total, All Modifications</i>		<i>5.923</i>		<i>0.336</i>		<i>0.068</i>		<i>0.071</i>		<i>0.000</i>		<i>0.071</i>	
Support													
3.1) Data	-	0.370	-	-	-	-	-	-	-	-	-	-	
3.2) Engineering Change Orders	-	0.000	-	-	-	-	-	-	-	-	-	-	
3.3) Training Equipment	-	0.013	-	-	-	-	-	-	-	-	-	-	
3.4) Support Equipment	-	0.007	-	-	-	-	-	-	-	-	-	-	
3.5) ILS	-	0.071	-	-	-	-	-	-	-	-	-	-	
3.6) Other Support	-	1.834	-	1.491	-	1.618	-	0.698	-	-	-	0.698	
3.7) Interim Contractor Support	-	0.000	-	-	-	-	-	-	-	-	-	-	
<i>Total Support Cost</i>		<i>2.295</i>		<i>1.491</i>		<i>1.618</i>		<i>0.698</i>		<i>0.000</i>		<i>0.698</i>	
<i>Procurement Cost (Procurement + Support)</i>		<i>8.218</i>		<i>1.827</i>		<i>1.686</i>		<i>0.769</i>		<i>0.000</i>		<i>0.769</i>	

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Exhibit P-3A, Individual Modification: PB 2013 Navy										Date: February 2012				
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1					P-1 Line Item Nomenclature: 0556 - C-2A					Modification Nomenclature (<i>Modification Title, Modification Number</i>): 011-07 Critical Components - 2				
Models of Systems Affected: C-2A(R) Aircraft					Type Modification: Mission Performance Enhancements					Related RDT&E PEs:				
Financial Plan			Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
			<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>
<i>Total Installation Cost</i>				0.444		0.017		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)				8.662		1.844		1.686		0.769		0.000		0.769
Financial Plan			FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
			<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>
Procurement														
011-07 Critical Components														
A Kits														
Recurring														
1.1.1) Avionics Upgrade - NonOrganic			-	-	-	-	-	-	-	-	-	-	35	0.785
1.1.2) Engine Power & Propulsion - NonOrganic			-	-	-	-	-	-	-	-	-	-	35	2.005
1.1.3) Structural/Pressurization - NonOrganic			-	-	-	-	-	-	-	-	-	-	35	1.235
1.1.4) Structural - Organic			6	0.064	-	-	-	-	-	-	-	-	34	0.330
<i>Subtotal Recurring</i>				0.064		0.000		0.000		0.000		0.000		4.355
NonRecurring														
1.2.1) Installation Kits N/R - Organic			-	-	-	-	-	-	-	-	-	-	8	1.637
<i>Subtotal NonRecurring</i>				0.000		0.000		0.000		0.000		0.000		1.637
B Kits														
Recurring														
2.1.1) Installation Equipment - Organic			-	-	-	-	-	-	-	-	-	-	-	0.470
<i>Subtotal Recurring</i>				0.000		0.000		0.000		0.000		0.000		0.470
<i>Total, 011-07 Critical Components</i>			6	0.064	-	-	-	-	-	-	-	-	147	6.462
<i>Total, All Modifications</i>				0.064		0.000		0.000		0.000		0.000		6.462
Support														
3.1) Data			-	-	-	-	-	-	-	-	-	-	-	0.370
3.2) Engineering Change Orders			-	-	-	-	-	-	-	-	-	-	-	-
3.3) Training Equipment			-	-	-	-	-	-	-	-	-	-	-	0.013
3.4) Support Equipment			-	-	-	-	-	-	-	-	-	-	-	0.007

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0556 - C-2A	Modification Nomenclature (<i>Modification Title, Modification Number</i>): 011-07 Critical Components - 2

Models of Systems Affected: C-2A(R) Aircraft	Type Modification: Mission Performance Enhancements	Related RDT&E PEs:
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
3.5) ILS	-	-	-	-	-	-	-	-	-	-	-	0.071
3.6) Other Support	-	0.838	-	-	-	-	-	-	-	-	-	6.479
3.7) Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	-
Total Support Cost		0.838		0.000		0.000		0.000		0.000		6.940
Procurement Cost (Procurement + Support)		0.902		0.000		0.000		0.000		0.000		13.402
Total Installation Cost		0.000		0.000		0.000		0.000		0.000		0.461
Total Cost (Procurement + Support + Installation)		0.902		0.000		0.000		0.000		0.000		13.863

Remarks:

Manufacturer Information: 011-07 Critical Components

Manufacturer Name: Engine Power & Propulsion				Manufacturer Location: Not Specified			
Administrative Leadtime (in Months): 4				Production Leadtime (in Months): 9			
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates	Jan 2011						
Delivery Dates	Sep 2011						

Installation: 011-07 Critical Components			Method of Implementation: [none specified]				Installation Name: Avionics Upgrade					
Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	35	0.087	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0556 - C-2A
Models of Systems Affected: C-2A(R) Aircraft		Modification Nomenclature (<i>Modification Title, Modification Number</i>): 011-07 Critical Components - 2
Type Modification: Mission Performance Enhancements		Related RDT&E PEs:

Installation: 011-07 Critical Components		Method of Implementation: [none specified]				Installation Name: Avionics Upgrade						
Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	35	0.087	-	-	-	-	-	-	-	-	-	-

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	35	0.087
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	35	0.087

Installation Schedule																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	35
Out	35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	35

Installation: 011-07 Critical Components		Method of Implementation: Field Mod Team				Installation Name: Engine Power & Propulsion						
Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	30	0.053	2	0.000	-	-	-	-	-	-	-	-
FY 2011	-	-	3	0.017	-	-	-	-	-	-	-	-

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0556 - C-2A
Models of Systems Affected: C-2A(R) Aircraft		Modification Nomenclature (<i>Modification Title, Modification Number</i>): 011-07 Critical Components - 2
Type Modification: Mission Performance Enhancements		Related RDT&E PEs:

Installation: 011-07 Critical Components	Method of Implementation: Field Mod Team	Installation Name: Engine Power & Propulsion
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	30	0.053	5	0.017	-	-	-	-	-	-	-	-

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	32	0.053
FY 2011	-	-	-	-	-	-	-	-	-	-	3	0.017
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	35	0.070

Installation Schedule																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	30	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	35
Out	30	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	35

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0556 - C-2A
Models of Systems Affected: C-2A(R) Aircraft		Modification Nomenclature (<i>Modification Title, Modification Number</i>): 011-07 Critical Components - 2
Type Modification: Mission Performance Enhancements		Related RDT&E PEs:

Installation: 011-07 Critical Components	Method of Implementation: [none specified]	Installation Name: Structural/Pressurization
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	35	0.304	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	35	0.304	-	-	-	-	-	-	-	-	-	-

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	35	0.304
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	35	0.304

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0556 - C-2A
Models of Systems Affected: C-2A(R) Aircraft		Type Modification: Mission Performance Enhancements
Related RDT&E PEs:		

Installation: 011-07 Critical Components	Method of Implementation: [none specified]	Installation Name: Structural/Pressurization
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Installation Schedule																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	35
Out	35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	35

Installation: 011-07 Critical Components	Method of Implementation: Organic - Structural	Installation Quantity: 34
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Installation: 011-07 Critical Components	Method of Implementation: Not Installed - Installation Kits N/R	Installation Quantity: 8
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UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0556 - C-2A	Modification Nomenclature <i>(Modification Title, Modification Number):</i> 007-14 C-2 Critical Brake Upgrade - 3

Models of Systems Affected: [No Model Specified] **Type Modification:** [No Modification Type Specified] **Related RDT&E PEs:**

Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	0.000	0.000	0.000	0.000	0.000	0.000	3.949	4.774	4.571	4.677	2.475	20.446
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	0.000	0.000	0.000	0.000	0.000	0.000	3.949	4.774	4.571	4.677	2.475	20.446
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	0.000	0.000	0.000	0.000	0.000	0.000	3.949	4.774	4.571	4.677	2.475	20.446

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0556 - C-2A
Modification Nomenclature (Modification Title, Modification Number): 007-14 C-2 Critical Brake Upgrade - 3		

Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
007-14 C-2 Critical Brake Upgrade												
A Kits												
Recurring												
1.1.1) Critical Brakes - Organic	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		0.000
<i>Total, 007-14 C-2 Critical Brake Upgrade</i>		-		-		-		-		-		-
<i>Total, All Modifications</i>		0.000		0.000		0.000		0.000		0.000		0.000
Support												
3.1) Data	-	0.000	-	-	-	-	-	-	-	-	-	-
3.2) Engineering Change Orders	-	0.000	-	-	-	-	-	-	-	-	-	-
3.3) ILS	-	0.000	-	-	-	-	-	-	-	-	-	-
3.4) Training Equipment	-	0.000	-	-	-	-	-	-	-	-	-	-
3.5) Support Equipment	-	0.000	-	-	-	-	-	-	-	-	-	-
3.6) Other Support	-	0.000	-	-	-	-	-	-	-	-	-	-
3.7) Interim Contractor Support	-	0.000	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
<i>Procurement Cost (Procurement + Support)</i>		0.000		0.000		0.000		0.000		0.000		0.000
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		0.000		0.000		0.000		0.000		0.000		0.000

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
007-14 C-2 Critical Brake Upgrade												
A Kits												
Recurring												
1.1.1) Critical Brakes - Organic	6	3.949	8	4.774	9	4.571	10	4.677	-	2.475	33	20.446
<i>Subtotal Recurring</i>		3.949		4.774		4.571		4.677		2.475		20.446

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0556 - C-2A	Modification Nomenclature (<i>Modification Title, Modification Number</i>): 007-14 C-2 Critical Brake Upgrade - 3

Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs:
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
<i>Total, 007-14 C-2 Critical Brake Upgrade</i>	6	3.949	8	4.774	9	4.571	10	4.677	-	2.475	33	20.446
<i>Total, All Modifications</i>		3.949		4.774		4.571		4.677		2.475		20.446
Support												
3.1) Data	-	-	-	-	-	-	-	-	-	-	-	-
3.2) Engineering Change Orders	-	-	-	-	-	-	-	-	-	-	-	-
3.3) ILS	-	-	-	-	-	-	-	-	-	-	-	-
3.4) Training Equipment	-	-	-	-	-	-	-	-	-	-	-	-
3.5) Support Equipment	-	-	-	-	-	-	-	-	-	-	-	-
3.6) Other Support	-	-	-	-	-	-	-	-	-	-	-	-
3.7) Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
<i>Procurement Cost (Procurement + Support)</i>		3.949		4.774		4.571		4.677		2.475		20.446
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		3.949		4.774		4.571		4.677		2.475		20.446

Remarks:

Manufacturer Information: 007-14 C-2 Critical Brake Upgrade

Manufacturer Name: Manufacturer Name Not Provided. Manufacturer Location: Manufacturer Location Not Provided.

Administrative Leadtime (in Months): Production Leadtime (in Months):

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates							
Delivery Dates							

Installation: 007-14 C-2 Critical Brake Upgrade **Method of Implementation:** Not Installed - Critical Brakes **Installation Quantity:** 33

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UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy							Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0556 - C-2A				Modification Nomenclature (<i>Modification Title, Modification Number</i>): Inactive OSIPS - 4				

Models of Systems Affected: [No Model Specified] **Type Modification:** [No Modification Type Specified] **Related RDT&E PEs:**

Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	7.100	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.100
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	7.100	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.100
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	7.100	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.100

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0556 - C-2A	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Inactive OSIPS - 4

Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs:
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
[Missing Data - No Procurement Cost Elements Entered Yet]												
B Kits												
Recurring												
[Missing Data - No Procurement Cost Elements Entered Yet]	-	-	0	0.000	-	-	-	-	-	-	-	-
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		0.000
<i>Total, [Missing Data - No Procurement Cost Elements Entered Yet]</i>	-	-	0	0.000	-	-	-	-	-	-	-	-
<i>Total, All Modifications</i>		0.000		0.000		0.000		0.000		0.000		0.000
Support												
3.1) Inactive OSIPs	-	7.100	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		7.100		0.000		0.000		0.000		0.000		0.000
<i>Procurement Cost (Procurement + Support)</i>		7.100		0.000		0.000		0.000		0.000		0.000
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		7.100		0.000		0.000		0.000		0.000		0.000

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
[Missing Data - No Procurement Cost Elements Entered Yet]												
B Kits												
Recurring												
[Missing Data - No Procurement Cost Elements Entered Yet]	-	-	-	-	-	-	-	-	-	-	0	0.000
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		0.000
<i>Total, [Missing Data - No Procurement Cost Elements Entered Yet]</i>	-	-	-	-	-	-	-	-	-	-	0	0.000
<i>Total, All Modifications</i>		0.000		0.000		0.000		0.000		0.000		0.000
Support												
3.1) Inactive OSIPs	-	-	-	-	-	-	-	-	-	-	-	7.100
<i>Total Support Cost</i>		0.000		0.000		0.000		0.000		0.000		7.100

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0556 - C-2A	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Inactive OSIPS - 4

Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs:										
Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>
<i>Procurement Cost (Procurement + Support)</i>		0.000		0.000		0.000		0.000		0.000		7.100
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		0.000		0.000		0.000		0.000		0.000		7.100

Remarks:

Manufacturer Information: [Missing Data - No Procurement Cost Elements Entered Yet]

Manufacturer Name: [Missing Data - No Procurement Cost Elements Entered Yet]				Manufacturer Location: [Missing Data - No Procurement Cost Elements Entered Yet]			
Administrative Leadtime (<i>in Months</i>):				Production Leadtime (<i>in Months</i>):			
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates							
Delivery Dates							

Installation: [Missing Data - No Procurement Cost Elements Entered Yet]	Method of Implementation: [Missing Data - No Procurement Cost Elements Entered Yet]	Installation Quantity: 0
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Exhibit P-40, Budget Item Justification Sheet: PB 2013 Navy **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity:
1506N : Aircraft Procurement, Navy / BA 5 : Modification of Aircraft / BSA 1 :
Modification Of Aircraft

P-1 Line Item Nomenclature:
0560 - C-130 Series

ID Code (A=Service Ready, B=Not Service Ready) : A **Program Elements for Code B Items:** **Other Related Program Elements:**

Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	299.710	17.672	71.364	60.302	16.737	77.039	77.485	28.116	28.029	27.587	306.351	933.353
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	299.710	17.672	71.364	60.302	16.737	77.039	77.485	28.116	28.029	27.587	306.351	933.353
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	299.710	17.672	71.364	60.302	16.737	77.039	77.485	28.116	28.029	27.587	306.351	933.353

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

DESCRIPTION: This item funds modifications to C/KC-130 aircraft. The Lockheed C/KC-130 aircraft is a four engine, high-wing, all metal, long range, land based monoplane capable of all weather transport of cargo or personnel and in-flight refueling. There are currently 90 aircraft in the Navy and Marine Corps inventory (42 active and 48 reserve). The expected Service Life is as follows:

T/M/S	Service Date	Service Life	Expected Life
C-130T	10/91 - 11/95	450 mos.	2028-2032
KC-130F	03/60 - 11/62	600 Mos.	2010-2012
KC-130R	09/75 - 06/78	480 mos.	2015-2018
KC-130T	04/84 - 02/96	450 mos.	2021-2033
KC-130J	09/00 - 10/26	450 mos.	2037-2063

FY12 OCO:
OSIP 019-12 - Provides \$10.0M of funding for KC-130J Propeller Reliability Improvement Program to provide thicker Prop Blades, Leading Edge Guards, and Prop Grease Seals. OSIP 020-12 - Provides \$39.425M for procurement of 8 Large Aircraft Infrared Counter Measures (LAIRCM) Kits for the KC-130J Aircraft.

FY13 OCO: Provides \$16.737M for procurement and installation of 3 Large Aircraft Infrared Counter Measures (LAIRCM) Kits for the KC-130J Aircraft as well as the installations for the 8 kits procured in FY12.

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Exhibit P-40, Budget Item Justification Sheet: PB 2013 Navy **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity:
 1506N : Aircraft Procurement, Navy / BA 5 : Modification of Aircraft / BSA 1 :
 Modification Of Aircraft

P-1 Line Item Nomenclature:
 0560 - C-130 Series

ID Code (A=Service Ready, B=Not Service Ready) : A **Program Elements for Code B Items:** **Other Related Program Elements:**

Item Schedule		ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
C-130J CNS/ATM (OSIP 010-06) - 1	P3A		-	-	49.481	-	-	17.672	-	-	8.112	-	-	0.106	-	-	0.000	-	-	0.106
C/KC-130 ISR / WEAPONS MISSION KIT (022-07) - 2	P3A		-	-	104.984	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000
Navigation Enhancements (OSIP 015-08) - 3	P3A		-	-	15.376	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000
Avionics /Obsolescence Upgrades (OSIP 008-12) - 4	P3A		-	-	0.000	-	-	0.000	-	-	19.027	-	-	19.097	-	-	0.000	-	-	19.097
KC-130J Propeller Reliability Improvement Program (OSIP 019-12) - 5	P3A		-	-	0.000	-	-	0.000	-	-	10.000	-	-	19.000	-	-	0.000	-	-	19.000
Electronic Counter Measures (OSIP 020-12) - 6	P3A		-	-	0.000	-	-	0.000	-	-	34.225	-	-	18.675	-	-	16.737	-	-	35.412
Hose Reel Reliability Improvements (OSIP 007-13) - 7	P3A		-	-	0.000	-	-	0.000	-	-	0.000	-	-	2.299	-	-	0.000	-	-	2.299
Battlefield Illumination Flare Dispensers (OSIP 008-13) - 8	P3A		-	-	0.000	-	-	0.000	-	-	0.000	-	-	1.125	-	-	0.000	-	-	1.125
New P3A Set. - 9	P3A		-	-	129.869	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000
Total Gross/Weapon System Cost					299.710			17.672			71.364			60.302			16.737			77.039

		ID CD	FY 2014			FY 2015			FY 2016			FY 2017			To Complete			Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
C-130J CNS/ATM (OSIP 010-06) - 1	P3A		-	-	0.011	-	-	0.152	-	-	0.165	-	-	0.169	-	-	187.646	-	-	263.514
C/KC-130 ISR / WEAPONS MISSION KIT (022-07) - 2	P3A		-	-	54.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	158.984
Navigation Enhancements (OSIP 015-08) - 3	P3A		-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	15.376
Avionics /Obsolescence Upgrades (OSIP 008-12) - 4	P3A		-	-	18.910	-	-	22.130	-	-	22.480	-	-	21.885	-	-	60.755	-	-	184.284
KC-130J Propeller Reliability Improvement Program (OSIP 019-12) - 5	P3A		-	-	3.200	-	-	4.450	-	-	4.000	-	-	4.100	-	-	0.000	-	-	44.750
Electronic Counter Measures (OSIP 020-12) - 6	P3A		-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	57.950	-	-	127.587
Hose Reel Reliability Improvements (OSIP 007-13) - 7	P3A		-	-	1.364	-	-	1.384	-	-	1.384	-	-	1.433	-	-	0.000	-	-	7.864

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Exhibit P-40, Budget Item Justification Sheet: PB 2013 Navy **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity:
 1506N : Aircraft Procurement, Navy / BA 5 : Modification of Aircraft / BSA 1 :
 Modification Of Aircraft

P-1 Line Item Nomenclature:
 0560 - C-130 Series

ID Code (A=Service Ready, B=Not Service Ready) : A **Program Elements for Code B Items:** **Other Related Program Elements:**

Item Nomenclature*	Exhibits	ID CD	FY 2014			FY 2015			FY 2016			FY 2017			To Complete			Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Battlefield Illumination Flare Dispensers (OSIP 008-13) - 8	P3A		-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	1.125
New P3A Set. - 9	P3A		-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	129.869
Total Gross/Weapon System Cost					77.485			28.116			28.029			27.587			306.351			933.353

*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.

Justification:

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Exhibit P-3A, Individual Modification: PB 2013 Navy							Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0560 - C-130 Series				Modification Nomenclature (<i>Modification Title, Modification Number</i>): C-130J CNS/ATM (OSIP 010-06) - 1				
Models of Systems Affected: KC-130J, KC-130T, C-130T			Type Modification: Safety				Related RDT&E PEs:					

Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	49.481	17.672	8.112	0.106	0.000	0.106	0.011	0.152	0.165	0.169	187.646	263.514
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	49.481	17.672	8.112	0.106	0.000	0.106	0.011	0.152	0.165	0.169	187.646	263.514
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	49.481	17.672	8.112	0.106	0.000	0.106	0.011	0.152	0.165	0.169	187.646	263.514

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

DESCRIPTION/JUSTIFICATION: Objective of the Communication Navigation Surveillance/Air Traffic Management (CNS/ATM) OSIP is to preserve utilization of current KC-130J capabilities world-wide by meeting International Civil Aviation Organization (ICAO) Air Traffic Management mandates through a series of commercial procurements and post-production retrofit installations. ICAO mandates enhanced Mode-S and Required Navigation Performance/Area Navigation (RNP/RNAV) capabilities in the European Flight Information Region (FIR) started in FY06, followed by the requirement of enhanced Mode-S, which is the Automatic Dependent Surveillance-Broadcast comm-link component of Mode-S, and will be required in FY07. The USMC has determined that re-joining with the C-130J Co-Operative Software and Systems Upgrade Requirements Management (COSSURM) Block Upgrade Community to be the most expedient and cost-effective means to meet CNS/ATM Mandates as well as incorporate other mission critical software changes through spiral upgrade initiatives or "Blocks". This OSIP will upgrade the KC-130J to enhanced Mode-S and RNP/RNAV through two separate initiatives. The first is Block 6.5 which includes enhanced Mode-S, which began in FY06. The second is Block 7.0 which includes the RNP/RNAV solution began in FY09. This OSIP is required in order to avoid airspace utilization limitations, ranging from usage restrictions to total airspace exclusion, as well as ensuring continuous KC-130J transport of personnel, material and aerial refueling services within and through these FIRs. Major DoD logistic hubs supporting Operation Enduring Freedom/Operation Iraqi Freedom are located in the European FIR. Future Blocks (8.1 and 9.0) are being developed which will include additional CNS/ATM requirements as mandated by the ICAO as well as address obsolescence issues and provide necessary performance enhancements to ensure future mission readiness of the KC-130J fleet.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: Lockheed Martin was tasked to deliver, by November 2005, an Engineering Change Proposal to incorporate Mode S & 8.33 KHZ into Military Baseline 5.4 Software already developed for the USAF on C-130J aircraft. The new software version was planned to be become available in FY07 as Block 5.5 but was superseded by Block 6.5 which became available in FY06. Through incorporation of Block 6.5 the USMC KC-130J aircraft will be postured to re-enter the COSSURM Community in a common configuration. This allows the USMC to step into Block 7.0 with the USAF and COSSURM which includes RNP/RNAV and the civil component of Receiver Autonomous Integrity Monitoring (RAIM). Block 8.0 will incorporate Military Embedded Global Positioning System Inertial Navigation System with Selective Availability Anti Spoofing Module and the military component of RAIM.

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0560 - C-130 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): C-130J CNS/ATM (OSIP 010-06) - 1
Models of Systems Affected: KC-130J, KC-130T, C-130T	Type Modification: Safety	Related RDT&E PEs:

Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
C-130J CNS/ATM (OSIP 010-06)												
A Kits												
Recurring												
1.1.1) Block 7.0 Kits (44) - NonOrganic	-	-	8	6.400	6	4.800	-	-	-	-	-	-
1.1.2) Block 8.1 Kits (54) - Organic	-	-	-	-	-	-	-	-	-	-	-	-
1.1.3) Block 9.0 Kits (79) - Organic	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal Recurring		0.000		6.400		4.800		0.000		0.000		0.000
B Kits												
Recurring												
2.1.1) Mode (S) Block 6.5 - Organic	-	13.984	-	-	-	-	-	-	-	-	-	-
2.1.2) Mode (S) Equip C/KC-130T - Organic	48	8.313	-	-	-	-	-	-	-	-	-	-
Subtotal Recurring		22.297		0.000		0.000		0.000		0.000		0.000
NonRecurring												
2.2.1) Mode (S) Block 6.5 GFE - Organic	-	1.700	-	-	-	-	-	-	-	-	-	-
2.2.3) USMC Nat'l Integ Block 8.1 - Organic	-	-	-	6.000	-	-	-	-	-	-	-	-
2.2.4) USMC Nat'l Integ Block 9.0 - Organic	-	-	-	-	-	-	-	-	-	-	-	-
2.2.5) NRE Contractor - Organic	-	5.937	-	-	-	-	-	-	-	-	-	-
Subtotal NonRecurring		7.637		6.000		0.000		0.000		0.000		0.000
Total, C-130J CNS/ATM (OSIP 010-06)	48	29.934	8	12.400	6	4.800	-	-	-	-	-	-
Total, All Modifications		29.934		12.400		4.800		0.000		0.000		0.000
Support												
3.1) Engineering Change Orders	-	0.000	-	-	-	-	-	-	-	-	-	-
3.2) Data	-	0.512	-	0.100	-	0.050	-	-	-	-	-	-
3.3) Training Equipment	-	-	-	2.674	-	-	-	-	-	-	-	-
3.4) Support Equipment	-	0.560	-	-	-	-	-	-	-	-	-	-
3.5) ILS	-	2.591	-	0.140	-	0.150	-	0.106	-	-	-	0.106
3.6) Other Support	-	15.884	-	0.758	-	1.912	-	-	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0560 - C-130 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): C-130J CNS/ATM (OSIP 010-06) - 1

Models of Systems Affected: KC-130J, KC-130T, C-130T	Type Modification: Safety	Related RDT&E PEs:
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
3.7) Interim Contractor Support	-	0.000	-	-	-	-	-	-	-	-	-	-
Total Support Cost		19.547		3.672		2.112		0.106		0.000		0.106
Procurement Cost (Procurement + Support)		49.481		16.072		6.912		0.106		0.000		0.106
Total Installation Cost		0.000		1.600		1.200		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		49.481		17.672		8.112		0.106		0.000		0.106

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
C-130J CNS/ATM (OSIP 010-06)												
A Kits												
Recurring												
1.1.1) Block 7.0 Kits (44) - NonOrganic	-	-	-	-	-	-	-	-	30	24.000	44	35.200
1.1.2) Block 8.1 Kits (54) - Organic	-	-	-	-	-	-	0	0.000	54	64.800	54	64.800
1.1.3) Block 9.0 Kits (79) - Organic	-	-	-	-	-	-	0	0.000	79	31.600	79	31.600
Subtotal Recurring		0.000		0.000		0.000		0.000		120.400		131.600
B Kits												
Recurring												
2.1.1) Mode (S) Block 6.5 - Organic	-	-	-	-	-	-	-	-	-	-	-	13.984
2.1.2) Mode (S) Equip C/KC-130T - Organic	-	-	-	-	-	-	-	-	-	-	48	8.313
Subtotal Recurring		0.000		0.000		0.000		0.000		0.000		22.297
NonRecurring												
2.2.1) Mode (S) Block 6.5 GFE - Organic	-	-	-	-	-	-	-	-	-	-	-	1.700
2.2.3) USMC Nat'l Integ Block 8.1 - Organic	-	-	-	-	-	-	-	-	-	-	-	6.000
2.2.4) USMC Nat'l Integ Block 9.0 - Organic	-	-	-	-	-	-	-	0.000	-	16.000	-	16.000
2.2.5) NRE Contractor - Organic	-	-	-	-	-	-	-	-	-	-	-	5.937
Subtotal NonRecurring		0.000		0.000		0.000		0.000		16.000		29.637
Total, C-130J CNS/ATM (OSIP 010-06)	-	-	-	-	-	-	-	-	163	136.400	225	183.534

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0560 - C-130 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): C-130J CNS/ATM (OSIP 010-06) - 1
Models of Systems Affected: KC-130J, KC-130T, C-130T	Type Modification: Safety	Related RDT&E PEs:

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
<i>Total, All Modifications</i>		0.000		0.000		0.000		0.000		136.400		183.534
Support												
3.1) Engineering Change Orders	-	-	-	-	-	-	-	-	-	-	-	-
3.2) Data	-	-	-	-	-	-	-	-	-	0.900	-	1.562
3.3) Training Equipment	-	-	-	-	-	-	-	-	-	10.000	-	12.674
3.4) Support Equipment	-	-	-	-	-	-	-	-	-	-	-	0.560
3.5) ILS	-	0.011	-	0.152	-	0.165	-	0.169	-	0.946	-	4.430
3.6) Other Support	-	-	-	-	-	-	-	-	-	15.000	-	33.554
3.7) Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		0.011		0.152		0.165		0.169		26.846		52.780
<i>Procurement Cost (Procurement + Support)</i>		0.011		0.152		0.165		0.169		163.246		236.314
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		24.400		27.200
Total Cost (Procurement + Support + Installation)		0.011		0.152		0.165		0.169		187.646		263.514

Remarks:

Manufacturer Information: C-130J CNS/ATM (OSIP 010-06)

Manufacturer Name: Lockheed Martin				Manufacturer Location: Marietta, GA			
Administrative Leadtime (in Months): 1				Production Leadtime (in Months): 2			

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates	Nov 2010	Nov 2010					
Delivery Dates	Jan 2011	Jan 2012					

Installation: C-130J CNS/ATM (OSIP 010-06) **Method of Implementation:** Contractor Drive-in Modifications **Installation Name:** Block 7.0 Kits (44)

Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	8	1.600	-	-	-	-	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0560 - C-130 Series
Models of Systems Affected: KC-130J, KC-130T, C-130T		Type Modification: Safety
Related RDT&E PEs:		

Installation: C-130J CNS/ATM (OSIP 010-06)	Method of Implementation: Contractor Drive-in Modifications	Installation Name: Block 7.0 Kits (44)
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
FY 2012	-	-	-	-	6	1.200	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	8	1.600	6	1.200	-	-	-	-	-	-

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	8	1.600
FY 2012	-	-	-	-	-	-	-	-	-	-	6	1.200
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	30	24.400	30	24.400
Total	-	-	-	-	-	-	-	-	30	24.400	44	27.200

Installation Schedule																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	4	4	-	-	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	30	44		
Out	-	-	4	4	-	-	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	30	44		

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0560 - C-130 Series	Modification Nomenclature <i>(Modification Title, Modification Number):</i> C-130J CNS/ATM (OSIP 010-06) - 1
Models of Systems Affected: KC-130J, KC-130T, C-130T	Type Modification: Safety	Related RDT&E PEs:
Installation: C-130J CNS/ATM (OSIP 010-06)	Method of Implementation: Not Installed - Block 8.1 Kits (54)	Installation Quantity: 54
Installation: C-130J CNS/ATM (OSIP 010-06)	Method of Implementation: Not Installed - Block 9.0 Kits (79)	Installation Quantity: 79
Installation: C-130J CNS/ATM (OSIP 010-06)	Method of Implementation: Not Installed - Mode (S) Equip C/ KC-130T	Installation Quantity: 48

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0560 - C-130 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): C/KC-130 ISR / WEAPONS MISSION KIT (022-07) - 2

Models of Systems Affected: C/KC-130T/J	Type Modification: Performance Enhancement	Related RDT&E PEs:
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	104.984	0.000	0.000	0.000	0.000	0.000	54.000	0.000	0.000	0.000	0.000	158.984
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	104.984	0.000	0.000	0.000	0.000	0.000	54.000	0.000	0.000	0.000	0.000	158.984
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	104.984	0.000	0.000	0.000	0.000	0.000	54.000	0.000	0.000	0.000	0.000	158.984

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

DESCRIPTION/JUSTIFICATION: The objective of this effort is to integrate an Intelligence, Surveillance & Reconnaissance (ISR) Weapon System Kit into the KC-130J aircraft which provides an armed capability to provide intra-theatre suppressive fire support for ground troops as well as intelligence and reconnaissance capability for theatre commanders. The new KC-130J is a force multiplier. The J tanker is capable of refueling both fixed wing and rotary wing aircraft, as well as conducting rapid ground refueling. KC-130Js have been continuously deployed in support of world-wide combat operations providing multi-mission, tactical aerial refueling, and fixed-wing assault support. This added capability will provide the Marine Air-Ground Task Force Commander increased capability for real time intelligence gathering and an armed capability for targets of opportunity and suppressive fire-support. The ISR/Weapon System Kit will consist of a ISR pod, rapid fire 30mm cannon, wing mounted air-to-ground missiles and air-to-ground precision guided munitions delivery via the aft cargo door. The system will be configured as a Roll-On/Roll-Off capability to allow for rapid deployment. The program will leverage off of current technology/fielded systems to provide rapid integration of this new capability. Future capabilities will include door modifications to allow the 30mm cannon to be able to fire with the door in the closed position, capability to launch precision guided munitions from within the aircraft while pressurized and moving wing mounted munitions from the 330 wing-station to the 430 wing-station.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: The KC-130J ISR/Weapons Mission Kit configuration provides Intelligence, Surveillance & Reconnaissance (ISR) Weapon System Capability and Close Air Support capability through both wing mounted munitions and cargo door mounted Standoff Precision Guided Munitions. The first kit successfully completed test and was fielded in support of Operation Enduring Freedom in October of 2010. This OSIP provides funding to procure additional kits. Total requirement is for 9 KC-130J ISR/Weapons Mission Kits.

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Exhibit P-3A, Individual Modification: PB 2013 Navy										Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0560 - C-130 Series						Modification Nomenclature (<i>Modification Title, Modification Number</i>): C/KC-130 ISR / WEAPONS MISSION KIT (022-07) - 2			
Models of Systems Affected: C/KC-130T/J				Type Modification: Performance Enhancement				Related RDT&E PEs:					
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
C/KC-130 ISR / WEAPONS MISSION KIT (022-07)													
A Kits													
Recurring													
1.1.1) A Kit - Organic	4	52.512	-	-	-	-	-	-	-	-	-	-	
1.1.2) SOPGM A Kit - Organic	6	1.221	-	-	-	-	-	-	-	-	-	-	
<i>Subtotal Recurring</i>		53.733		0.000		0.000		0.000		0.000		0.000	
B Kits													
Recurring													
2.1.1) TSS Sensor Kit - Organic	6	21.247	-	-	-	-	-	-	-	-	-	-	
2.1.2) GFE - Organic	4	0.568	-	-	-	-	-	-	-	-	-	-	
2.1.3) SOPGM/BMS - Organic	6	9.755	-	-	-	-	-	-	-	-	-	-	
<i>Subtotal Recurring</i>		31.570		0.000		0.000		0.000		0.000		0.000	
NonRecurring													
2.2.1) Installation Equipment N/R - Organic	-	11.838	-	-	-	-	-	-	-	-	-	-	
<i>Subtotal NonRecurring</i>		11.838		0.000		0.000		0.000		0.000		0.000	
<i>Total, C/KC-130 ISR / WEAPONS MISSION KIT (022-07)</i>	26	97.141	-	-	-	-	-	-	-	-	-	-	
<i>Total, All Modifications</i>		97.141		0.000		0.000		0.000		0.000		0.000	
Support													
3.1) Engineering Change Orders	-	0.000	-	-	-	-	-	-	-	-	-	-	
3.2) Data	-	0.465	-	-	-	-	-	-	-	-	-	-	
3.3) Training Equipment	-	0.448	-	-	-	-	-	-	-	-	-	-	
3.4) Support Equipment	-	0.948	-	-	-	-	-	-	-	-	-	-	
3.5) ILS	-	1.137	-	-	-	-	-	-	-	-	-	-	
3.6) Other Support	-	4.250	-	-	-	-	-	-	-	-	-	-	
3.7) Interim Contractor Support	-	0.595	-	-	-	-	-	-	-	-	-	-	
<i>Total Support Cost</i>		7.843		0.000		0.000		0.000		0.000		0.000	
<i>Procurement Cost (Procurement + Support)</i>		104.984		0.000		0.000		0.000		0.000		0.000	

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Exhibit P-3A, Individual Modification: PB 2013 Navy										Date: February 2012				
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1					P-1 Line Item Nomenclature: 0560 - C-130 Series					Modification Nomenclature (<i>Modification Title, Modification Number</i>): C/KC-130 ISR / WEAPONS MISSION KIT (022-07) - 2				
Models of Systems Affected: C/KC-130T/J				Type Modification: Performance Enhancement				Related RDT&E PEs:						
Financial Plan			Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
			<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>
<i>Total Installation Cost</i>				0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)				104.984		0.000		0.000		0.000		0.000		0.000
Financial Plan			FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
			<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>
Procurement														
C/KC-130 ISR / WEAPONS MISSION KIT (022-07)														
A Kits														
Recurring														
1.1.1) A Kit - Organic			3	38.618	-	-	-	-	-	-	-	-	7	91.130
1.1.2) SOPGM A Kit - Organic			3	0.182	-	-	-	-	-	-	-	-	9	1.403
<i>Subtotal Recurring</i>				38.800		0.000		0.000		0.000		0.000		92.533
B Kits														
Recurring														
2.1.1) TSS Sensor Kit - Organic			3	9.720	-	-	-	-	-	-	-	-	9	30.967
2.1.2) GFE - Organic			3	0.730	-	-	-	-	-	-	-	-	7	1.298
2.1.3) SOPGM/BMS - Organic			3	3.187	-	-	-	-	-	-	-	-	9	12.942
<i>Subtotal Recurring</i>				13.637		0.000		0.000		0.000		0.000		45.207
NonRecurring														
2.2.1) Installation Equipment N/R - Organic			-	-	-	-	-	-	-	-	-	-	-	11.838
<i>Subtotal NonRecurring</i>				0.000		0.000		0.000		0.000		0.000		11.838
<i>Total, C/KC-130 ISR / WEAPONS MISSION KIT (022-07)</i>			15	52.437	-	-	-	-	-	-	-	-	41	149.578
<i>Total, All Modifications</i>				52.437		0.000		0.000		0.000		0.000		149.578
Support														
3.1) Engineering Change Orders			-	-	-	-	-	-	-	-	-	-	-	-
3.2) Data			-	-	-	-	-	-	-	-	-	-	-	0.465
3.3) Training Equipment			-	-	-	-	-	-	-	-	-	-	-	0.448
3.4) Support Equipment			-	-	-	-	-	-	-	-	-	-	-	0.948

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0560 - C-130 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): C/KC-130 ISR / WEAPONS MISSION KIT (022-07) - 2

Models of Systems Affected: C/KC-130T/J	Type Modification: Performance Enhancement	Related RDT&E PEs:
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
3.5) ILS	-	0.873	-	-	-	-	-	-	-	-	-	2.010
3.6) Other Support	-	0.690	-	-	-	-	-	-	-	-	-	4.940
3.7) Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	0.595
<i>Total Support Cost</i>		1.563		0.000		0.000		0.000		0.000		9.406
<i>Procurement Cost (Procurement + Support)</i>		54.000		0.000		0.000		0.000		0.000		158.984
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		54.000		0.000		0.000		0.000		0.000		158.984

Remarks:
Manufacturer Information: C/KC-130 ISR / WEAPONS MISSION KIT (022-07)

Manufacturer Name: Manufacturer Name Not Provided. Manufacturer Location: Manufacturer Location Not Provided.

Administrative Leadtime (in Months): Production Leadtime (in Months):

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates							
Delivery Dates							

Installation: C/KC-130 ISR / WEAPONS MISSION KIT (022-07)	Method of Implementation: Not Installed - A Kit	Installation Quantity: 7
Installation: C/KC-130 ISR / WEAPONS MISSION KIT (022-07)	Method of Implementation: Not Installed - SOPGM A Kit	Installation Quantity: 9
Installation: C/KC-130 ISR / WEAPONS MISSION KIT (022-07)	Method of Implementation: Not Installed - TSS Sensor Kit	Installation Quantity: 9
Installation: C/KC-130 ISR / WEAPONS MISSION KIT (022-07)	Method of Implementation: Not Installed - GFE	Installation Quantity: 7
Installation: C/KC-130 ISR / WEAPONS MISSION KIT (022-07)	Method of Implementation: Not Installed - SOPGM/BMS	Installation Quantity: 9

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0560 - C-130 Series	Modification Nomenclature <i>(Modification Title, Modification Number):</i> Navigation Enhancements (OSIP 015-08) - 3

Models of Systems Affected: KC-130T, C-130T			Type Modification: Performance Enhancement				Related RDT&E PEs:					
Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	15.376	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	15.376
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	15.376	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	15.376
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	15.376	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	15.376

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

DESCRIPTION/JUSTIFICATION: FY08 procures kits and equipment. Installations begin in FY09, which is a turnkey effort.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: Navigation Enhancement OSIP for the C/KC-130T fleet will encompass incorporation of a COTS Global Positioning System (GPS) navigation system to provide capability to navigate in the world-wide airspace and address compliance with Civil Communication Navigation Surveillance/Air Traffic Management requirements.

GPS Effort is using the turnkey procurement and installation strategy.

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0560 - C-130 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Navigation Enhancements (OSIP 015-08) - 3

Models of Systems Affected: KC-130T, C-130T	Type Modification: Performance Enhancement	Related RDT&E PEs:
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
Navigation Enhancements (OSIP 015-08)												
A Kits												
Recurring												
1.1.1) CT GPS - Organic	19	12.806	-	-	-	-	-	-	-	-	-	-
<i>Subtotal Recurring</i>		12.806		0.000		0.000		0.000		0.000		0.000
<i>Total, Navigation Enhancements (OSIP 015-08)</i>	19	12.806	-	-	-	-	-	-	-	-	-	-
<i>Total, All Modifications</i>		12.806		0.000		0.000		0.000		0.000		0.000
Support												
3.1) Engineering Change Orders	-	0.000	-	-	-	-	-	-	-	-	-	-
3.2) Data	-	0.319	-	-	-	-	-	-	-	-	-	-
3.3) Training Equipment	-	0.000	-	-	-	-	-	-	-	-	-	-
3.4) Support Equipment	-	0.000	-	-	-	-	-	-	-	-	-	-
3.5) ILS	-	0.165	-	-	-	-	-	-	-	-	-	-
3.6) Other Support	-	2.086	-	-	-	-	-	-	-	-	-	-
3.7) Interim Contractor Support	-	0.000	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		2.570		0.000		0.000		0.000		0.000		0.000
<i>Procurement Cost (Procurement + Support)</i>		15.376		0.000		0.000		0.000		0.000		0.000
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		15.376		0.000		0.000		0.000		0.000		0.000

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
Navigation Enhancements (OSIP 015-08)												
A Kits												
Recurring												
1.1.1) CT GPS - Organic	-	-	-	-	-	-	-	-	-	-	19	12.806

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0560 - C-130 Series	Modification Nomenclature <i>(Modification Title, Modification Number):</i> Navigation Enhancements (OSIP 015-08) - 3

Models of Systems Affected: KC-130T, C-130T	Type Modification: Performance Enhancement	Related RDT&E PEs:
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		12.806
<i>Total, Navigation Enhancements (OSIP 015-08)</i>	-	-	-	-	-	-	-	-	-	-	19	12.806
<i>Total, All Modifications</i>		0.000		0.000		0.000		0.000		0.000		12.806
Support												
3.1) Engineering Change Orders	-	-	-	-	-	-	-	-	-	-	-	-
3.2) Data	-	-	-	-	-	-	-	-	-	-	-	0.319
3.3) Training Equipment	-	-	-	-	-	-	-	-	-	-	-	-
3.4) Support Equipment	-	-	-	-	-	-	-	-	-	-	-	-
3.5) ILS	-	-	-	-	-	-	-	-	-	-	-	0.165
3.6) Other Support	-	-	-	-	-	-	-	-	-	-	-	2.086
3.7) Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		0.000		0.000		0.000		0.000		0.000		2.570
<i>Procurement Cost (Procurement + Support)</i>		0.000		0.000		0.000		0.000		0.000		15.376
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		0.000		0.000		0.000		0.000		0.000		15.376

Remarks:

Manufacturer Information: Navigation Enhancements (OSIP 015-08)

Manufacturer Name: Manufacturer Name Not Provided.	Manufacturer Location: Manufacturer Location Not Provided.
Administrative Leadtime (in Months):	Production Leadtime (in Months):

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates							
Delivery Dates							

Installation: Navigation Enhancements (OSIP 015-08)	Method of Implementation: Not Installed - CT GPS	Installation Quantity: 19
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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0560 - C-130 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Avionics /Obsolescence Upgrades (OSIP 008-12) - 4

Models of Systems Affected: C/KC-130T/J	Type Modification: Safety / Readiness Improvement	Related RDT&E PEs:
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	0.000	0.000	19.027	19.097	0.000	19.097	18.910	22.130	22.480	21.885	60.755	184.284
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	0.000	0.000	19.027	19.097	0.000	19.097	18.910	22.130	22.480	21.885	60.755	184.284
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	0.000	0.000	19.027	19.097	0.000	19.097	18.910	22.130	22.480	21.885	60.755	184.284

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

DESCRIPTION/JUSTIFICATION: Objective of the Avionics/Obsolescence Upgrades OSIP is to preserve the world-wide capabilities of the C/KC-130 aircraft by providing required capability enhancements and addressing obsolescence. The legacy C/KC-130T and KC-130F model aircraft have been in service for 21 and 45 years respectively and still retain many of their original systems which require upgrade to increase mission readiness, meet Communication, Navigation, and Surveillance/Air Traffic Management (CNS/ATM) requirements and address obsolescence issues. In addition obsolescence / Diminishing Manufacturing Sources (DMS) issues are already being realized on the KC-130J aircraft and will have to be addressed in the near future. These upgrades will include faster, more robust processing systems and integrated displays enabling compliance with CNS/ATM requirements. It will provide a growth path to Mode 5 and Joint Precision Landing systems. It will replace numerous avionics systems: radar, Tactical Air Navigation, data recorders, and gauges due to obsolescence or DMS. These upgrades will provide open-systems architecture and interfaces necessary to integrate Real-Time Information in the Cockpit. Changes will also be incorporated into existing training devices. In addition, obsolescence issues with the propeller synchrophaser and valve housing are the C/KC-130T top ten readiness degraders. Modification of these propeller control components via an Electronic Propeller Control System upgrade will mitigate this readiness degrader.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: Initially this effort will affect USN 20 C-130T aircraft. One kit will be installed and tested (validation) followed by a second aircraft (verification) and 18 production installations. All required capabilities will be provided by non-developmental systems. The required capabilities/systems are currently flying in US Navy aircraft. USMC KC-130T aircraft may require this upgrade as well dependent upon status of transition to KC-130J aircraft.

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Exhibit P-3A, Individual Modification: PB 2013 Navy								Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0560 - C-130 Series				Modification Nomenclature (<i>Modification Title, Modification Number</i>): Avionics /Obsolescence Upgrades (OSIP 008-12) - 4					
Models of Systems Affected: C/KC-130T/J			Type Modification: Safety / Readiness Improvement				Related RDT&E PEs:						
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
Avionics /Obsolescence Upgrades (OSIP 008-12)													
A Kits													
Recurring													
1.1.1) A Kits - NonOrganic													
	-	-	-	-	-	-	-	-	-	-	-	-	
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		0.000	
B Kits													
Recurring													
2.1.1) B Kits - Organic													
	-	-	-	-	-	-	-	-	-	-	-	-	
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		0.000	
NonRecurring													
2.2.1) NRE - Government - NonOrganic ⁽¹⁾													
	-	-	-	-	-	1.200	2	10.899	-	-	2	10.899	
2.2.2) NRE - Contractor - Organic													
	-	-	-	-	-	15.127	-	0.688	-	-	-	0.688	
<i>Subtotal NonRecurring</i>		0.000		0.000		16.327		11.587		0.000		11.587	
<i>Total, Avionics /Obsolescence Upgrades (OSIP 008-12)</i>		-	-	-	-	16.327	2	11.587	-	-	2	11.587	
<i>Total, All Modifications</i>		0.000		0.000		16.327		11.587		0.000		11.587	
Support													
3.1) Engineering Change Orders													
	-	0.000	-	-	-	-	-	-	-	-	-	-	
3.2) Data													
	-	-	-	-	-	0.100	-	0.442	-	-	-	0.442	
3.3) Training Equipment													
	-	-	-	-	-	0.300	-	1.100	-	-	-	1.100	
3.4) Support Equipment													
	-	-	-	-	-	-	-	-	-	-	-	-	
3.5) ILS													
	-	-	-	-	-	0.600	-	0.112	-	-	-	0.112	
3.6) Other Support													
	-	-	-	-	-	1.700	-	5.856	-	-	-	5.856	
3.7) Interim Contractor Support													
	-	0.000	-	-	-	-	-	-	-	-	-	-	
<i>Total Support Cost</i>		0.000		0.000		2.700		7.510		0.000		7.510	
<i>Procurement Cost (Procurement + Support)</i>		0.000		0.000		19.027		19.097		0.000		19.097	
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000	
Total Cost (Procurement + Support + Installation)		0.000		0.000		19.027		19.097		0.000		19.097	

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Exhibit P-3A, Individual Modification: PB 2013 Navy									Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0560 - C-130 Series					Modification Nomenclature (<i>Modification Title, Modification Number</i>): Avionics /Obsolescence Upgrades (OSIP 008-12) - 4			
Models of Systems Affected: C/KC-130T/J			Type Modification: Safety / Readiness Improvement				Related RDT&E PEs:					
Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
Avionics /Obsolescence Upgrades (OSIP 008-12)												
A Kits												
Recurring												
1.1.1) A Kits - NonOrganic												
	-	-	3	1.762	4	2.396	3	1.832	8	5.032	18	11.022
<i>Subtotal Recurring</i>		0.000		1.762		2.396		1.832		5.032		11.022
B Kits												
Recurring												
2.1.1) B Kits - Organic												
	-	-	3	8.586	4	14.596	3	11.166	8	30.632	18	64.980
<i>Subtotal Recurring</i>		0.000		8.586		14.596		11.166		30.632		64.980
NonRecurring												
2.2.1) NRE - Government - NonOrganic ⁽¹⁾												
	-	2.832	-	-	-	-	-	-	-	-	2	14.931
2.2.2) NRE - Contractor - Organic												
	-	7.608	-	2.836	-	-	-	-	-	-	-	26.259
<i>Subtotal NonRecurring</i>		10.440		2.836		0.000		0.000		0.000		41.190
<i>Total, Avionics /Obsolescence Upgrades (OSIP 008-12)</i>		-	10.440	6	13.184	8	16.992	6	12.998	16	35.664	117.192
<i>Total, All Modifications</i>			10.440		13.184		16.992		12.998		35.664	117.192
Support												
3.1) Engineering Change Orders												
	-	-	-	-	-	-	-	-	-	-	-	-
3.2) Data												
	-	-	-	1.543	-	-	-	-	-	0.200	-	2.285
3.3) Training Equipment												
	-	3.898	-	2.260	-	-	-	3.332	-	3.800	-	14.690
3.4) Support Equipment												
	-	-	-	-	-	-	-	0.000	-	0.200	-	0.200
3.5) ILS												
	-	-	-	0.160	-	0.200	-	0.200	-	0.400	-	1.672
3.6) Other Support												
	-	3.012	-	3.551	-	0.373	-	0.341	-	1.391	-	16.224
3.7) Interim Contractor Support												
	-	-	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		6.910		7.514		0.573		3.873		5.991		35.071
<i>Procurement Cost (Procurement + Support)</i>		17.350		20.698		17.565		16.871		41.655		152.263
<i>Total Installation Cost</i>		1.560		1.432		4.915		5.014		19.100		32.021
Total Cost (Procurement + Support + Installation)		18.910		22.130		22.480		21.885		60.755		184.284

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0560 - C-130 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Avionics /Obsolescence Upgrades (OSIP 008-12) - 4

Models of Systems Affected: C/KC-130T/J	Type Modification: Safety / Readiness Improvement	Related RDT&E PEs:
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Remarks:
(1)The cost for the Validation kit (FY14) and Verification Kit (FY15) is embedded in NRE cost in the year prior respectively.

Manufacturer Information: Avionics /Obsolescence Upgrades (OSIP 008-12)

Manufacturer Name: TBD				Manufacturer Location: TBD			
Administrative Leadtime (<i>in Months</i>): 1				Production Leadtime (<i>in Months</i>): 12			
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates			Oct 2012	Oct 2013			
Delivery Dates			Oct 2013	Oct 2014			

Installation: Avionics /Obsolescence Upgrades (OSIP 008-12)	Method of Implementation: Contractor Drive-In Modifications	Installation Name: Avionics/Obsolescence Upgrades
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	-	-

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	1	1.560	1	1.432	-	-	-	-	-	-	2	2.992

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0560 - C-130 Series
		Modification Nomenclature (<i>Modification Title, Modification Number</i>): Avionics /Obsolescence Upgrades (OSIP 008-12) - 4

Models of Systems Affected: C/KC-130T/J	Type Modification: Safety / Readiness Improvement	Related RDT&E PEs:
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Installation: Avionics /Obsolescence Upgrades (OSIP 008-12)	Method of Implementation: Contractor Drive-In Modifications	Installation Name: Avionics/Obsolescence Upgrades
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Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	3	4.915	-	-	-	-	3	4.915
FY 2016	-	-	-	-	-	-	4	5.014	-	-	4	5.014
FY 2017	-	-	-	-	-	-	-	-	3	5.200	3	5.200
To Complete	-	-	-	-	-	-	-	-	8	13.900	8	13.900
Total	1	1.560	1	1.432	3	4.915	4	5.014	11	19.100	20	32.021

Installation Schedule																														
APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-	-	1	1	1	-	2	2	-	-	11	20
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-	-	1	1	1	-	2	2	-	11	20

Installation: Avionics /Obsolescence Upgrades (OSIP 008-12)	Method of Implementation: Not Installed - B Kits	Installation Quantity: 18
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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0560 - C-130 Series	Modification Nomenclature <i>(Modification Title, Modification Number):</i> KC-130J Propeller Reliability Improvement Program (OSIP 019-12) - 5

Models of Systems Affected: KC-130J	Type Modification: Reliability	Related RDT&E PEs:
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	0.000	0.000	10.000	19.000	0.000	19.000	3.200	4.450	4.000	4.100	0.000	44.750
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	0.000	0.000	10.000	19.000	0.000	19.000	3.200	4.450	4.000	4.100	0.000	44.750
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	0.000	0.000	10.000	19.000	0.000	19.000	3.200	4.450	4.000	4.100	0.000	44.750

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

DESCRIPTION/JUSTIFICATION: Operations supporting Operation Enduring Freedom are taking a severe toll on the KC-130J Dowty propellers. The austere operating environment in Afghanistan contributes to an excessive amount of foreign object debris damage to the prop blades. Dust intrusion has also been documented as a significant contributor to an increase in prop grease leaks. These issues are top readiness degraders which ultimately will lead to decreased mission availability if left unaddressed. This OSIP will be utilized for a forced retrofit for new prop blades with a thicker poly coating as well as a more robust leading edge guard. In addition, it will introduce a new prop seal kit that will greatly reduce dust intrusion. This OSIP is for equipment modification that is operationally required to provide increased prop reliability and operational readiness for forward deployed squadrons and is a direct result of operations supporting OEF. This effort has not been funded in prior years. This effort does not constitute a program acceleration.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: The Original Equipment Manufacturer has developed the improved prop blades with the thicker poly coating and leading edge guards as well as the improved seal kits to address prop damage from operating in austere environments. NAVAIR will procure the improved prop blades and seals and provide them to the fleet for forced retrofit.

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Exhibit P-3A, Individual Modification: PB 2013 Navy										Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1					P-1 Line Item Nomenclature: 0560 - C-130 Series					Modification Nomenclature (<i>Modification Title, Modification Number</i>): KC-130J Propeller Reliability Improvement Program (OSIP 019-12) - 5			
Models of Systems Affected: KC-130J				Type Modification: Reliability						Related RDT&E PEs:			
Financial Plan		Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
		Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement													
KC-130J Propeller Reliability Improvement Program (OSIP 019-12)													
B Kits													
Recurring													
2.1.1) B Kits - Organic													
	-	-	-	-	48	10.000	72	19.000	-	-	72	19.000	
Subtotal Recurring			0.000		0.000		10.000		19.000		0.000		19.000
Total, KC-130J Propeller Reliability Improvement Program (OSIP 019-12)		-	-	-	-	48	10.000	72	19.000	-	-	72	19.000
Total, All Modifications			0.000		0.000		10.000		19.000		0.000		19.000
Support													
3.1) Engineering Change Order													
3.2) Data													
3.3) Training Equipment													
3.4) Support Equipment													
3.5) ILS													
3.6) Other Support													
3.7) Interim Contractor Support													
Total Support Cost			0.000		0.000		0.000		0.000		0.000		0.000
Procurement Cost (Procurement + Support)			0.000		0.000		10.000		19.000		0.000		19.000
Total Installation Cost			0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)			0.000		0.000		10.000		19.000		0.000		19.000
Financial Plan		FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
		Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement													
KC-130J Propeller Reliability Improvement Program (OSIP 019-12)													
B Kits													
Recurring													
2.1.1) B Kits - Organic													
	15	3.200	22	4.450	15	4.000	15	4.100	-	-	187	44.750	

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Exhibit P-3A, Individual Modification: PB 2013 Navy										Date: February 2012				
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1					P-1 Line Item Nomenclature: 0560 - C-130 Series					Modification Nomenclature (Modification Title, Modification Number): KC-130J Propeller Reliability Improvement Program (OSIP 019-12) - 5				
Models of Systems Affected: KC-130J				Type Modification: Reliability						Related RDT&E PEs:				
Financial Plan		FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total		
		<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	
<i>Subtotal Recurring</i>			3.200		4.450		4.000		4.100		0.000		44.750	
<i>Total, KC-130J Propeller Reliability Improvement Program (OSIP 019-12)</i>		15	3.200	22	4.450	15	4.000	15	4.100	-	-	187	44.750	
<i>Total, All Modifications</i>			3.200		4.450		4.000		4.100		0.000		44.750	
Support														
3.1) Engineering Change Order		-	-	-	-	-	-	-	-	-	-	-	-	
3.2) Data		-	-	-	-	-	-	-	-	-	-	-	-	
3.3) Training Equipment		-	-	-	-	-	-	-	-	-	-	-	-	
3.4) Support Equipment		-	-	-	-	-	-	-	-	-	-	-	-	
3.5) ILS		-	-	-	-	-	-	-	-	-	-	-	-	
3.6) Other Support		-	-	-	-	-	-	-	-	-	-	-	-	
3.7) Interim Contractor Support		-	-	-	-	-	-	-	-	-	-	-	-	
<i>Total Support Cost</i>			0.000		0.000		0.000		0.000		0.000		0.000	
<i>Procurement Cost (Procurement + Support)</i>			3.200		4.450		4.000		4.100		0.000		44.750	
<i>Total Installation Cost</i>			0.000		0.000		0.000		0.000		0.000		0.000	
Total Cost (Procurement + Support + Installation)			3.200		4.450		4.000		4.100		0.000		44.750	
Remarks:														
Manufacturer Information: KC-130J Propeller Reliability Improvement Program (OSIP 019-12)														
Manufacturer Name: Manufacturer Name Not Provided.							Manufacturer Location: Manufacturer Location Not Provided.							
Administrative Leadtime (in Months):							Production Leadtime (in Months):							
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017							
Contract Dates														
Delivery Dates														
Installation: KC-130J Propeller Reliability Improvement Program (OSIP 019-12)				Method of Implementation: Not Installed - B Kits				Installation Quantity: 187						

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0560 - C-130 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Electronic Counter Measures (OSIP 020-12 - 6

Models of Systems Affected: C/KC-130T/J	Type Modification: Safety	Related RDT&E PEs:
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	0.000	0.000	34.225	18.675	16.737	35.412	0.000	0.000	0.000	0.000	57.950	127.587
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	0.000	0.000	34.225	18.675	16.737	35.412	0.000	0.000	0.000	0.000	57.950	127.587
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	0.000	0.000	34.225	18.675	16.737	35.412	0.000	0.000	0.000	0.000	57.950	127.587

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

DESCRIPTION/JUSTIFICATION: This OSIP provides funding for the addition of Large Aircraft Infrared Counter Measures (LAIRCM) capability to the KC-130J Aircraft which will increase survivability while allowing the aircraft to operate under expanded threat environments thereby increasing combat effectiveness. Operations in support of Operation Enduring Freedom will require potential exposure to threat envelopes that the KC-130J aircraft is not currently equipped to operate in with its current Electronic Counter Measures suite, particularly with the introduction of the Harvest HAWK capability. The addition of LAIRCM to the KC-130J will ensure that the aircraft is fully deployable in any threat environment to provide aerial refueling, airlift, cargo, rapid ground refueling and Intelligence, Surveillance & Reconnaissance and Close Air Support support for the Marine Air-Ground Task Force Commander. This OSIP will also cover improvements to existing C/KC-130T/J aircraft survivability equipment by upgrading or replacing Defensive Electronic Counter Measures (DECM) components to maintain the most current threat adaptive, reprogrammable, computer controlled threat defeating systems or by modifying aircraft in the inventory without DECM/LAIRCM for the inclusion of this capability.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: The USMC is leveraging off of development and testing performed by the USAF to provide LAIRCM for its C-130J and HC/MC-130J fleets. This provides a common solution among United States Government (USG) C-130J aircraft. Kits will be procured using existing USAF Contracts to decrease administrative leadtime. Modification of aircraft will be performed as a Drive-In Modification.

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Exhibit P-3A, Individual Modification: PB 2013 Navy										Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1					P-1 Line Item Nomenclature: 0560 - C-130 Series					Modification Nomenclature (<i>Modification Title, Modification Number</i>): Electronic Counter Measures (OSIP 020-12 - 6			
Models of Systems Affected: C/KC-130T/J				Type Modification: Safety				Related RDT&E PEs:					
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
Electronic Counter Measures (OSIP 020-12)													
A Kits													
Recurring													
1.1.1) LAIRCM A Kit - NonOrganic													
	-	-	-	-	8	3.600	4	1.836	3	1.415	7	3.251	
<i>Subtotal Recurring</i>		0.000		0.000		3.600		1.836		1.415		3.251	
B Kits													
Recurring													
2.1.1) LAIRCM B Kit - Organic													
	-	-	-	-	8	20.800	4	10.608	3	7.995	7	18.603	
<i>Subtotal Recurring</i>		0.000		0.000		20.800		10.608		7.995		18.603	
NonRecurring													
2.2.1) NRE - Government - Organic													
	-	-	-	-	-	3.200	-	-	-	-	-	-	
2.2.2) NRE Contractor - Organic													
	-	-	-	-	-	3.200	-	-	-	-	-	-	
<i>Subtotal NonRecurring</i>		0.000		0.000		6.400		0.000		0.000		0.000	
<i>Total, Electronic Counter Measures (OSIP 020-12)</i>		-	-	-	-	16	30.800	8	12.444	6	9.410	14	21.854
<i>Total, All Modifications</i>		0.000		0.000		30.800		12.444		9.410		21.854	
Support													
3.1) Engineering Change Orders													
	-	0.000	-	-	-	-	-	-	-	-	-	-	
3.2) Data													
	-	0.000	-	-	-	-	-	-	-	-	-	-	
3.3) Training Equipment													
	-	-	-	-	-	0.825	-	0.825	-	-	-	0.825	
3.4) Support Equipment													
	-	-	-	-	-	0.500	-	0.500	-	-	-	0.500	
3.5) ILS													
	-	-	-	-	-	0.200	-	0.275	-	-	-	0.275	
3.6) Other Support													
	-	-	-	-	-	1.900	-	1.979	-	-	-	1.979	
3.7) Interim Contractor Support													
	-	0.000	-	-	-	-	-	-	-	-	-	-	
<i>Total Support Cost</i>		0.000		0.000		3.425		3.579		0.000		3.579	
<i>Procurement Cost (Procurement + Support)</i>		0.000		0.000		34.225		16.023		9.410		25.433	
<i>Total Installation Cost</i>		0.000		0.000		0.000		2.652		7.327		9.979	
Total Cost (Procurement + Support + Installation)		0.000		0.000		34.225		18.675		16.737		35.412	

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Exhibit P-3A, Individual Modification: PB 2013 Navy									Date: February 2012				
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0560 - C-130 Series					Modification Nomenclature (<i>Modification Title, Modification Number</i>): Electronic Counter Measures (OSIP 020-12 - 6				
Models of Systems Affected: C/KC-130T/J			Type Modification: Safety					Related RDT&E PEs:					
Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
Electronic Counter Measures (OSIP 020-12)													
A Kits													
Recurring													
1.1.1) LAIRCM A Kit - NonOrganic													
	-	-	-	-	-	-	-	-	29	13.050	44	19.901	
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		13.050		19.901	
B Kits													
Recurring													
2.1.1) LAIRCM B Kit - Organic													
	-	-	-	-	-	-	-	-	10	26.000	25	65.403	
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		26.000		65.403	
NonRecurring													
2.2.1) NRE - Government - Organic													
	-	-	-	-	-	-	-	-	-	-	-	3.200	
2.2.2) NRE Contractor - Organic													
	-	-	-	-	-	-	-	-	-	-	-	3.200	
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		6.400	
<i>Total, Electronic Counter Measures (OSIP 020-12)</i>		-		-		-		-	39	39.050	69	91.704	
<i>Total, All Modifications</i>		0.000		0.000		0.000		0.000		39.050		91.704	
Support													
3.1) Engineering Change Orders													
	-	-	-	-	-	-	-	-	-	-	-	-	
3.2) Data													
	-	-	-	-	-	-	-	-	-	-	-	-	
3.3) Training Equipment													
	-	-	-	-	-	-	-	-	-	-	-	1.650	
3.4) Support Equipment													
	-	-	-	-	-	-	-	-	-	-	-	1.000	
3.5) ILS													
	-	-	-	-	-	-	-	-	-	-	-	0.475	
3.6) Other Support													
	-	-	-	-	-	-	-	-	-	-	-	3.879	
3.7) Interim Contractor Support													
	-	-	-	-	-	-	-	-	-	-	-	-	
<i>Total Support Cost</i>		0.000		0.000		0.000		0.000		0.000		7.004	
<i>Procurement Cost (Procurement + Support)</i>		0.000		0.000		0.000		0.000		39.050		98.708	
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		18.900		28.879	
Total Cost (Procurement + Support + Installation)		0.000		0.000		0.000		0.000		57.950		127.587	

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0560 - C-130 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Electronic Counter Measures (OSIP 020-12 - 6

Models of Systems Affected: C/KC-130T/J	Type Modification: Safety	Related RDT&E PEs:
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Remarks:

Manufacturer Information: Electronic Counter Measures (OSIP 020-12)

Manufacturer Name: TBD	Manufacturer Location: TBD
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Administrative Leadtime (<i>in Months</i>): 2	Production Leadtime (<i>in Months</i>): 9
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Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates		Dec 2011	Dec 2012				
Delivery Dates		Oct 2012	Sep 2013				

Installation: Electronic Counter Measures (OSIP 020-12)	Method of Implementation: Contractor Drive-In Modification	Installation Name: LAIRCM A Kit
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	0	0.000	8	5.300	8	5.300
FY 2013	-	-	-	-	-	-	4	2.652	0	2.027	4	4.679
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	4	2.652	8	7.327	12	9.979

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	8	5.300
FY 2013	3	0.000	-	-	-	-	-	-	-	-	7	4.679
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0560 - C-130 Series
		Modification Nomenclature (<i>Modification Title, Modification Number</i>): Electronic Counter Measures (OSIP 020-12 - 6

Models of Systems Affected: C/KC-130T/J	Type Modification: Safety	Related RDT&E PEs:
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Installation: Electronic Counter Measures (OSIP 020-12)	Method of Implementation: Contractor Drive-In Modification	Installation Name: LAIRCM A Kit
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Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	29	18.900	29	18.900
Total	3	0.000	-	-	-	-	-	-	29	18.900	44	28.879

Installation Schedule																														
APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	-	-	-	-	2	3	3	4	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	29	44
Out	-	-	-	-	-	-	-	-	-	2	3	3	4	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	29	44

Installation: Electronic Counter Measures (OSIP 020-12)	Method of Implementation: Not Installed - LAIRCM B Kit	Installation Quantity: 25
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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0560 - C-130 Series	Modification Nomenclature <i>(Modification Title, Modification Number):</i> Hose Reel Reliability Improvements (OSIP 007-13) - 7

Models of Systems Affected: KC-130T/J			Type Modification: Reliability / Safety				Related RDT&E PEs:					
Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	0.000	0.000	0.000	2.299	0.000	2.299	1.364	1.384	1.384	1.433	0.000	7.864
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	0.000	0.000	0.000	2.299	0.000	2.299	1.364	1.384	1.384	1.433	0.000	7.864
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	0.000	0.000	0.000	2.299	0.000	2.299	1.364	1.384	1.384	1.433	0.000	7.864
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

DESCRIPTION/JUSTIFICATION: The KC-130 aircraft is an all metal, high-wing, long-range, land-based monoplane. It's primary mission is aerial refueling as well as cargo and troop carrier operations. Aerial refueling missions utilize wing mounted refueling pods for refueling high speed and low speed aircraft. The Hose Reel Reliability Improvement program will address the #3 KC-130 readiness degrader by installing a cycle counter to help establish scheduled maintenance/overhaul schedules vice fly to failure replacement while standardizing the configuration of Hose Reels in the KC-130 Fleet. This program will increase Hose Reel reliability as well as increase overall aerial refueling readiness. In addition, it will improve aerial refueling safety, particularly for MV-22 and Joint Strike Fighter. These efforts will also mitigate risk of catastrophic failure which could lead to loss of aircraft and crew.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: The cycle counter being installed in the KC-130J Hose Reel is a Commercial Off the Shelf item that will allow Hose Reel deployment cycles to be counted and will assist in establishing routine maintenance cycles vice fly to failure. Updating the Hose Reels to a -109 configuration will occur simultaneously with the counter installation which will allow for refueling of the MV-22 and the Joint Strike Fighter. This effort will be done organically.

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0560 - C-130 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Hose Reel Reliability Improvements (OSIP 007-13) - 7

Models of Systems Affected: KC-130T/J	Type Modification: Reliability / Safety	Related RDT&E PEs:
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
Hose Reel Reliability Improvements (OSIP 007-13)												
B Kits												
Recurring												
2.1.1) B Kit - Organic	-	-	-	-	-	-	40	1.313	-	-	40	1.313
<i>Subtotal Recurring</i>		0.000		0.000		0.000		1.313		0.000		1.313
<i>Total, Hose Reel Reliability Improvements (OSIP 007-13)</i>	-	-	-	-	-	-	40	1.313	-	-	40	1.313
<i>Total, All Modifications</i>		0.000		0.000		0.000		1.313		0.000		1.313
Support												
3.1) Engineering Change Orders	-	0.000	-	-	-	-	-	-	-	-	-	-
3.2) Data	-	-	-	-	-	-	-	0.038	-	-	-	0.038
3.3) Training Equipment	-	0.000	-	-	-	-	-	-	-	-	-	-
3.4) Support Equipment	-	0.000	-	-	-	-	-	-	-	-	-	-
3.5) ILS	-	-	-	-	-	-	-	0.673	-	-	-	0.673
3.6) Other Support	-	-	-	-	-	-	-	0.275	-	-	-	0.275
3.7) Interim Contractor Support	-	0.000	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		0.000		0.000		0.000		0.986		0.000		0.986
<i>Procurement Cost (Procurement + Support)</i>		0.000		0.000		0.000		2.299		0.000		2.299
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		0.000		0.000		0.000		2.299		0.000		2.299

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
Hose Reel Reliability Improvements (OSIP 007-13)												
B Kits												
Recurring												
2.1.1) B Kit - Organic	40	1.312	40	1.312	40	1.312	40	1.312	-	-	200	6.561

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0560 - C-130 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Hose Reel Reliability Improvements (OSIP 007-13) - 7

Models of Systems Affected: KC-130T/J	Type Modification: Reliability / Safety	Related RDT&E PEs:
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
<i>Subtotal Recurring</i>		1.312		1.312		1.312		1.312		0.000		6.561
<i>Total, Hose Reel Reliability Improvements (OSIP 007-13)</i>	40	1.312	40	1.312	40	1.312	40	1.312	-	-	200	6.561
<i>Total, All Modifications</i>		1.312		1.312		1.312		1.312		0.000		6.561
Support												
3.1) Engineering Change Orders	-	-	-	-	-	-	-	-	-	-	-	-
3.2) Data	-	-	-	-	-	-	-	-	-	-	-	0.038
3.3) Training Equipment	-	-	-	-	-	-	-	-	-	-	-	-
3.4) Support Equipment	-	-	-	-	-	-	-	-	-	-	-	-
3.5) ILS	-	0.052	-	0.072	-	0.072	-	0.121	-	-	-	0.990
3.6) Other Support	-	-	-	-	-	-	-	-	-	-	-	0.275
3.7) Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		0.052		0.072		0.072		0.121		0.000		1.303
<i>Procurement Cost (Procurement + Support)</i>		1.364		1.384		1.384		1.433		0.000		7.864
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		1.364		1.384		1.384		1.433		0.000		7.864

Remarks:

Manufacturer Information: Hose Reel Reliability Improvements (OSIP 007-13)

Manufacturer Name: Manufacturer Name Not Provided.	Manufacturer Location: Manufacturer Location Not Provided.
Administrative Leadtime (in Months):	Production Leadtime (in Months):

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates							
Delivery Dates							

Installation: Hose Reel Reliability Improvements (OSIP 007-13)	Method of Implementation: Not Installed - B Kit	Installation Quantity: 200
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UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0560 - C-130 Series	Modification Nomenclature <i>(Modification Title, Modification Number):</i> Battlefield Illumination Flare Dispensers (OSIP 008-13) - 8

Models of Systems Affected: KC-130T/J	Type Modification: Mission Readiness / Reliability	Related RDT&E PEs:
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	0.000	0.000	0.000	1.125	0.000	1.125	0.000	0.000	0.000	0.000	0.000	1.125
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	0.000	0.000	0.000	1.125	0.000	1.125	0.000	0.000	0.000	0.000	0.000	1.125
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	0.000	0.000	0.000	1.125	0.000	1.125	0.000	0.000	0.000	0.000	0.000	1.125

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

DESCRIPTION/JUSTIFICATION: The KC-130 provides both overt and covert Battlefield Illumination through the use of aircraft parachute flares delivered from a launcher carried on the rear cargo ramp. This mission is a Core Plus Mission Essential Task in accordance with the KC-130 Training & Readiness manual (Marine Combat Training 1.3.4.3), and is routinely conducted in support of theater operations. The Vietnam era flare dispensers are constructed of heavy-gauge aluminum and are strengthened to support the weight of the cargo door, but have deteriorated over decades of use and are in desperate need of replacement as they have reached the end of their useful lifespan. This OSIP provides funding to manufacture replacement Battlefield Illumination Flare Dispensers for delivery to the fleet. Three dispensers are required per squadron in order to support three-site operations and training.

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0560 - C-130 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Battlefield Illumination Flare Dispensers (OSIP 008-13) - 8

Models of Systems Affected: KC-130T/J	Type Modification: Mission Readiness / Reliability	Related RDT&E PEs:
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
Battlefield Illumination Flare Dispensers (OSIP 008-13)												
B Kits												
Recurring												
2.1.1) B Kit - Organic	-	-	-	-	-	-	15	1.125	-	-	15	1.125
<i>Subtotal Recurring</i>		0.000		0.000		0.000		1.125		0.000		1.125
<i>Total, Battlefield Illumination Flare Dispensers (OSIP 008-13)</i>	-	-	-	-	-	-	15	1.125	-	-	15	1.125
<i>Total, All Modifications</i>		0.000		0.000		0.000		1.125		0.000		1.125
Support												
3.1) Economic Change Orders	-	0.000	-	-	-	-	-	-	-	-	-	-
3.2) Data	-	0.000	-	-	-	-	-	-	-	-	-	-
3.3) Training Equipment	-	0.000	-	-	-	-	-	-	-	-	-	-
3.4) Support Equipment	-	0.000	-	-	-	-	-	-	-	-	-	-
3.5) ILS	-	0.000	-	-	-	-	-	-	-	-	-	-
3.6) Other Support	-	0.000	-	-	-	-	-	-	-	-	-	-
3.7) Interim Contractor Support	-	0.000	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
<i>Procurement Cost (Procurement + Support)</i>		0.000		0.000		0.000		1.125		0.000		1.125
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		0.000		0.000		0.000		1.125		0.000		1.125

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
Battlefield Illumination Flare Dispensers (OSIP 008-13)												
B Kits												
Recurring												
2.1.1) B Kit - Organic	-	-	-	-	-	-	-	-	-	-	15	1.125

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Exhibit P-3A, Individual Modification: PB 2013 Navy								Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0560 - C-130 Series				Modification Nomenclature (<i>Modification Title, Modification Number</i>): Battlefield Illumination Flare Dispensers (OSIP 008-13) - 8					
Models of Systems Affected: KC-130T/J			Type Modification: Mission Readiness / Reliability				Related RDT&E PEs:						
Financial Plan		FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
		<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>
<i>Subtotal Recurring</i>			0.000		0.000		0.000		0.000		0.000		1.125
<i>Total, Battlefield Illumination Flare Dispensers (OSIP 008-13)</i>		-	-	-	-	-	-	-	-	-	-	15	1.125
<i>Total, All Modifications</i>			0.000		0.000		0.000		0.000		0.000		1.125
Support													
3.1) Economic Change Orders		-	-	-	-	-	-	-	-	-	-	-	-
3.2) Data		-	-	-	-	-	-	-	-	-	-	-	-
3.3) Training Equipment		-	-	-	-	-	-	-	-	-	-	-	-
3.4) Support Equipment		-	-	-	-	-	-	-	-	-	-	-	-
3.5) ILS		-	-	-	-	-	-	-	-	-	-	-	-
3.6) Other Support		-	-	-	-	-	-	-	-	-	-	-	-
3.7) Interim Contractor Support		-	-	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>			0.000		0.000		0.000		0.000		0.000		0.000
<i>Procurement Cost (Procurement + Support)</i>			0.000		0.000		0.000		0.000		0.000		1.125
<i>Total Installation Cost</i>			0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)			0.000		0.000		0.000		0.000		0.000		1.125
Remarks:													
Manufacturer Information: Battlefield Illumination Flare Dispensers (OSIP 008-13)													
Manufacturer Name: Manufacturer Name Not Provided.							Manufacturer Location: Manufacturer Location Not Provided.						
Administrative Leadtime (<i>in Months</i>):							Production Leadtime (<i>in Months</i>):						
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017						
Contract Dates													
Delivery Dates													
Installation: Battlefield Illumination Flare Dispensers (OSIP 008-13)			Method of Implementation: Not Installed - B Kit					Installation Quantity: 15					

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy							Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0560 - C-130 Series				Modification Nomenclature (<i>Modification Title, Modification Number</i>): New P3A Set. - 9				

Models of Systems Affected: [No Model Specified] **Type Modification:** [No Modification Type Specified] **Related RDT&E PEs:**

Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	129.869	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	129.869
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	129.869	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	129.869
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	129.869	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	129.869

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0560 - C-130 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): New P3A Set. - 9

Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs:
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
New P3A Set.												
A Kits												
Recurring												
1.1.1) Inactive OSIPs - Organic	-	129.869	-	-	-	-	-	-	-	-	-	-
<i>Subtotal Recurring</i>		129.869		0.000		0.000		0.000		0.000		0.000
<i>Total, New P3A Set.</i>	-	129.869	-	-	-	-	-	-	-	-	-	-
<i>Total, All Modifications</i>		129.869		0.000		0.000		0.000		0.000		0.000
Support												
3.1) New Cost Element.	-	0.000	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
<i>Procurement Cost (Procurement + Support)</i>		129.869		0.000		0.000		0.000		0.000		0.000
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		129.869		0.000		0.000		0.000		0.000		0.000

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
New P3A Set.												
A Kits												
Recurring												
1.1.1) Inactive OSIPs - Organic	-	-	-	-	-	-	-	-	-	-	-	129.869
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		129.869
<i>Total, New P3A Set.</i>	-	-	-	-	-	-	-	-	-	-	-	129.869
<i>Total, All Modifications</i>		0.000		0.000		0.000		0.000		0.000		129.869
Support												
3.1) New Cost Element.	-	-	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0560 - C-130 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): New P3A Set. - 9

Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs:
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
<i>Procurement Cost (Procurement + Support)</i>		0.000		0.000		0.000		0.000		0.000		129.869
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		0.000		0.000		0.000		0.000		0.000		129.869

Remarks:

Manufacturer Information: New P3A Set.

Manufacturer Name: Manufacturer Name Not Provided. Manufacturer Location: Manufacturer Location Not Provided.

Administrative Leadtime (*in Months*): Production Leadtime (*in Months*):

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates							
Delivery Dates							

Installation: New P3A Set. **Method of Implementation:** No Quantities Associated with Install **Installation Quantity:** 0

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UNCLASSIFIED

Exhibit P-40, Budget Item Justification Sheet: PB 2013 Navy **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity:
1506N : Aircraft Procurement, Navy / BA 5 : Modification of Aircraft / BSA 1 :
Modification Of Aircraft

P-1 Line Item Nomenclature:
0561 - Flt Elect Wrfr Supt Grp (FEWSG)

ID Code (A=Service Ready, B=Not Service Ready) : A **Program Elements for Code B Items:** **Other Related Program Elements:**

Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	78.570	16.601	1.773	0.670	-	0.670	0.667	0.677	0.685	0.701	7.648	107.992
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	78.570	16.601	1.773	0.670	-	0.670	0.667	0.677	0.685	0.701	7.648	107.992
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	78.570	16.601	1.773	0.670	-	0.670	0.667	0.677	0.685	0.701	7.648	107.992

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

This line item funds modifications to avionics equipment used for Fleet Operational Forces and Adversary Air Electronic Warfare (EW) training exercises. The overall goal is to accurately simulate the known and postulated electronic warfare characteristics and tactics of various radar and jammer threats for fleet training. OSIP 119-83 FEWSG equipment, AN/ALQ-167, AN/AST-4/6/9(V), AN/DLQ-3, AN/ULQ-21/24, & ALE-43 had been installed and/or carried aboard the EA-6B, F-4, F-14, EP-3J, EC-24A and KC-135 aircraft, prior to deactivation.

Current equipment, AN/ALQ-167 pod variants and their internal avionics, AN/ULQ-21/24, as well as AN/AST-6 are installed and/or carried aboard the F/A-18, Lear Jet, Kfir (F-21), Hawker/Hunter (F-58), Gulfstream (G-1), F-16 and F-5 aircraft. AN/AST-4 was replaced by AN/AST-6. AN/AST-6(V) will be phased out of service and replaced by AN/AST-9 by FY11. ALE-43 pods have been transitioned from fleet training use to tactical use. No new ALE-43 nor AST-6 pods or pod modifications are being funded via this OSIP. \$3.922M Below Threshold Reprogramming received in FY 08 and FY 10 - 12 funding will procure 34 AN/ALQ-167 Digital Radio Frequency Memory pod variants to address Adversary Air requirements per Naval Strike Air Warfare Center (NSAWC) Urgent Operational Need Statement (UNONS).

Item Schedule		ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
AN/AST-4/6/9(V), AN/ULQ-21/24, ALE-43, AN/ALQ-167 (OSIP 119-83) - 1	P3A		-	-	78.570	-	-	16.601	-	-	1.773	-	-	0.670	-	-	0.000	-	-	0.670
Total Gross/Weapon System Cost					78.570			16.601			1.773			0.670			-			0.670

UNCLASSIFIED

Exhibit P-40, Budget Item Justification Sheet: PB 2013 Navy	Date: February 2012
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Appropriation / Budget Activity / Budget Sub Activity: 1506N : Aircraft Procurement, Navy / BA 5 : Modification of Aircraft / BSA 1 : Modification Of Aircraft	P-1 Line Item Nomenclature: 0561 - Flt Elect Wrfr Supt Grp (FEWSG)
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ID Code (A=Service Ready, B=Not Service Ready) : A				Program Elements for Code B Items:									Other Related Program Elements:							
Item Nomenclature*	Exhibits	ID CD	FY 2014			FY 2015			FY 2016			FY 2017			To Complete			Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
AN/AST-4/6/9(V), AN/ ULQ-21/24, ALE-43, AN/ ALQ-167 (OSIP 119-83) - 1	P3A		-	-	0.667	-	-	0.677	-	-	0.685	-	-	0.701	-	-	7.648	-	-	107.992
Total Gross/Weapon System Cost					0.667			0.677			0.685			0.701			7.648			107.992

*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.

Justification:

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0561 - Flt Elect Wrfr Supt Grp (FEWSG)	Modification Nomenclature (<i>Modification Title, Modification Number</i>): AN/AST-4/6/9(V), AN/ULQ-21/24, ALE-43, AN/ALQ-167 (OSIP 119-83) - 1

Models of Systems Affected: NOT APPLICABLE	Type Modification: RELIABILITY, MAINTAINABILITY, CAPABILITY	Related RDT&E PEs:
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	78.570	16.601	1.773	0.670	0.000	0.670	0.667	0.677	0.685	0.701	7.648	107.992
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	78.570	16.601	1.773	0.670	0.000	0.670	0.667	0.677	0.685	0.701	7.648	107.992
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	78.570	16.601	1.773	0.670	0.000	0.670	0.667	0.677	0.685	0.701	7.648	107.992

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

DESCRIPTION/JUSTIFICATION: The AN/ALQ-167 pods electronically simulate threat airborne radar jamming systems. The AN/ALQ-167 pod components can also be installed internally in aircraft. When these components are used in this type of configuration, they are nomenclatured AN/DLQ-3 and AN/ULQ-21/24. AN/AST-4 was replaced by AN/AST-6. The AN/AST-6(V) pod electronically simulates several types of threat anti-ship missile seeker and air-to-air missile systems. Original variants of these podded devices were first introduced into the fleet in 1980 and proved exceptionally useful in readiness exercises and for tactical contingencies. Subsequent variants were developed to meet the technology advances of the threat systems. The tactical contingency pods were removed from fleet service in FY2002 and returned to the pod depot for component reuse. This program provides for the procurement and continued support of additional quantities of these pods or conversion of older pod variants and/or contingency pods to newer variants for use by Fleet Area Control and Surveillance Facility in support of operational fleet training and for Top Gun/Adversary Squadrons in support of adversary air exercises.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: The objective for the AN/ALQ-167 was 186 pods. Prior to the tactical contingency pod divestiture, inventory was 146. The AN/ALQ-167 pods avionics are being upgraded to provide increased performance/advanced capability using Digital Radio Frequency Memory (DRFM) technology. Internal installations of the DRFM avionics are planned for Adversary Squadron F-5 aircraft in FY 10 -12. Remaining quantities are for pod carriage capability aboard F-18, F-16, Kfir, Hawker/Hunter and Gulfstream I aircraft. Current pod inventory is 41 with a goal of converting one pod per year to DRFM configuration. There are 20 AN/AST-6(V) production assets. AN/AST-6(V) will be phased out of service and replaced by 30 AN/AST-9 production assets by FY 2011. ALE-43 pods have been transitioned from fleet training use to tactical use. No new AST-6 or ALE-43 pods or pod modifications are being funded via this OSIP.

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy								Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0561 - Flt Elect Wrfr Supt Grp (FEWSG)				Modification Nomenclature (<i>Modification Title, Modification Number</i>): AN/AST-4/6/9(V), AN/ULQ-21/24, ALE-43, AN/ALQ-167 (OSIP 119-83) - 1					
Models of Systems Affected: NOT APPLICABLE				Type Modification: RELIABILITY, MAINTAINABILITY, CAPABILITY				Related RDT&E PEs:					
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
AN/AST-4/6/9(V), AN/ULQ-21/24, ALE-43, AN/ALQ-167 (OSIP 119-83)													
B Kits													
Recurring													
2.1.1) Install Equipment (B Kits) - Organic ⁽¹⁾													
	1,030	60.485	12	14.841	3	0.793	1	0.415	-	-	1	0.415	
<i>Subtotal Recurring</i>		60.485	14.841	0.793	0.415	0.000	0.415						
NonRecurring													
2.2.1) Install Equipment N/R - Organic													
	-	1.074	-	0.620	-	0.302	-	0.050	-	-	-	0.050	
2.2.2) Training Equipment - Organic													
	3	4.724	-	0.036	-	0.025	-	0.025	-	-	-	0.025	
2.2.3) Support Equipment - Organic													
	-	5.448	-	0.031	-	0.035	-	-	-	-	-	-	
<i>Subtotal NonRecurring</i>		11.246	0.687	0.362	0.075	0.000	0.075						
<i>Total, AN/AST-4/6/9(V), AN/ULQ-21/24, ALE-43, AN/ALQ-167 (OSIP 119-83)</i>													
	1,033	71.731	12	15.528	3	1.155	1	0.490	-	-	1	0.490	
<i>Total, All Modifications</i>		71.731	15.528	1.155	0.490	0.000	0.490						
Support													
3.1) Engineering Change Orders													
	-	2.928	-	-	-	-	-	-	-	-	-	-	
3.2) Data													
	-	0.325	-	0.036	-	0.025	-	0.025	-	-	-	0.025	
3.3) ILS													
	-	1.285	-	0.184	-	0.208	-	0.073	-	-	-	0.073	
3.4) Other Support													
	-	2.301	-	0.853	-	0.385	-	0.082	-	-	-	0.082	
3.5) Interim Contractor Support													
	-	0.000	-	-	-	-	-	-	-	-	-	-	
<i>Total Support Cost</i>		6.839	1.073	0.618	0.180	0.000	0.180						
<i>Procurement Cost (Procurement + Support)</i>		78.570	16.601	1.773	0.670	0.000	0.670						
<i>Total Installation Cost</i>		0.000	0.000	0.000	0.000	0.000	0.000						
Total Cost (Procurement + Support + Installation)		78.570	16.601	1.773	0.670	0.000	0.670						

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy									Date: February 2012				
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0561 - Flt Elect Wrfr Supt Grp (FEWSG)					Modification Nomenclature (<i>Modification Title, Modification Number</i>): AN/AST-4/6/9(V), AN/ULQ-21/24, ALE-43, AN/ALQ-167 (OSIP 119-83) - 1				
Models of Systems Affected: NOT APPLICABLE				Type Modification: RELIABILITY, MAINTAINABILITY, CAPABILITY					Related RDT&E PEs:				
Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
AN/AST-4/6/9(V), AN/ULQ-21/24, ALE-43, AN/ALQ-167 (OSIP 119-83)													
B Kits													
Recurring													
2.1.1) Install Equipment (B Kits) - Organic ⁽¹⁾	1	0.425	1	0.429	1	0.434	1	0.440	4	5.767	1,054	84.029	
<i>Subtotal Recurring</i>		0.425		0.429		0.434		0.440		5.767		84.029	
NonRecurring													
2.2.1) Install Equipment N/R - Organic	-	0.051	-	0.052	-	0.050	-	0.085	-	0.319	-	2.603	
2.2.2) Training Equipment - Organic	-	0.025	-	0.026	-	0.035	-	-	-	0.004	3	4.900	
2.2.3) Support Equipment - Organic	-	-	-	-	-	-	-	-	-	0.004	-	5.518	
<i>Subtotal NonRecurring</i>		0.076		0.078		0.085		0.085		0.327		13.021	
<i>Total, AN/AST-4/6/9(V), AN/ULQ-21/24, ALE-43, AN/ALQ-167 (OSIP 119-83)</i>	1	0.501	1	0.507	1	0.519	1	0.525	4	6.094	1,057	97.050	
<i>Total, All Modifications</i>		0.501		0.507		0.519		0.525		6.094		97.050	
Support													
3.1) Engineering Change Orders	-	-	-	-	-	-	-	-	-	-	-	2.928	
3.2) Data	-	0.025	-	0.026	-	0.024	-	-	-	0.004	-	0.490	
3.3) ILS	-	0.069	-	0.069	-	0.067	-	0.051	-	0.263	-	2.269	
3.4) Other Support	-	0.072	-	0.075	-	0.075	-	0.125	-	1.287	-	5.255	
3.5) Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	-	
<i>Total Support Cost</i>		0.166		0.170		0.166		0.176		1.554		10.942	
<i>Procurement Cost (Procurement + Support)</i>		0.667		0.677		0.685		0.701		7.648		107.992	
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000	
Total Cost (Procurement + Support + Installation)		0.667		0.677		0.685		0.701		7.648		107.992	
Remarks: ⁽¹⁾ Notes:													

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy					Date: February 2012		
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1			P-1 Line Item Nomenclature: 0561 - Flt Elect Wrfr Supt Grp (FEWSG)			Modification Nomenclature (<i>Modification Title, Modification Number</i>): AN/AST-4/6/9(V), AN/ULQ-21/24, ALE-43, AN/ALQ-167 (OSIP 119-83) - 1	
Models of Systems Affected: NOT APPLICABLE		Type Modification: RELIABILITY, MAINTAINABILITY, CAPABILITY		Related RDT&E PEs:			
<p>1. Total Qty is inclusive of pod systems/variants that were procured, deployed and retired and no longer in inventory. Additionally, the yearly quantity of two has been in many cases, modification of pods vice new production, therefore total quantity shown does not reflect current inventory.</p> <p>2. FY10 - 12 Install Equipment (B Kits) funding addresses an the updated ALQ-167 Pod that provides enhanced threat simulation capabilities. This new pod unit cost has increased significantly. FY 10 - 12 funding will procure 34 AN/ALQ-167 DRFM pod variants to address Adversary Air Warfare Center Urgent Operational Need Statement.</p> <p>3. Installation costs will be determined by the Engineering Change Proposal.</p>							
Manufacturer Information: AN/AST-4/6/9(V), AN/ULQ-21/24, ALE-43, AN/ALQ-167 (OSIP 119-83)							
Manufacturer Name: Manufacturer Name Not Provided.				Manufacturer Location: Manufacturer Location Not Provided.			
Administrative Leadtime (<i>in Months</i>):				Production Leadtime (<i>in Months</i>):			
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates							
Delivery Dates							
Installation: AN/AST-4/6/9(V), AN/ULQ-21/24, ALE-43, AN/ALQ-167 (OSIP 119-83)							
			Method of Implementation: Not Installed - Install Equipment (B Kits)			Installation Quantity: 1054	
Installation: AN/AST-4/6/9(V), AN/ULQ-21/24, ALE-43, AN/ALQ-167 (OSIP 119-83)							
			Method of Implementation: Not Installed - Training Equipment			Installation Quantity: 3	

UNCLASSIFIED

Exhibit P-40, Budget Item Justification Sheet: PB 2013 Navy **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 1506N : Aircraft Procurement, Navy / BA 5 : Modification of Aircraft / BSA 1 : Modification Of Aircraft	P-1 Line Item Nomenclature: 0562 - Cargo/Transport Acft Series
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ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	192.209	16.000	34.743	26.311	-	26.311	16.317	16.614	16.822	17.135	89.730	425.881
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	192.209	16.000	34.743	26.311	-	26.311	16.317	16.614	16.822	17.135	89.730	425.881
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	192.209	16.000	34.743	26.311	-	26.311	16.317	16.614	16.822	17.135	89.730	425.881

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

This line item funds modifications to the following cargo and transport aircraft: C-9B, C-40A, C-20A/D/G, C-37A/B, UC-35C/D, RC-12F/M, UC-12B/F/M/W, NC-12B and C/EC/RC-26D.

The Skytrain II, C-40A Clipper, C-20A/D Gulfstream III, C-20G Gulfstream IV, C-37A Gulfstream V, C-37 B Gulfstream 550, UC-35C Cessna Ultra, UC-35D Cessna Encore are commercial twin jet transport aircraft that provide time-critical medium lift logistic support for the fleet combatant commanders. C-9 is capable of carrying up to 32,000 pounds of cargo and personnel for over 3,300 nautical miles at a maximum speed of 430+ knots. C-40 can accommodate 121 passengers, or 8 pallets of cargo, or a combination configuration of 3 pallets and 70 passengers with a range of 3,400 nautical miles. C-20D/G is capable of high-speed transport of 13 passengers or cargo over a range of 4,100 nautical miles at 437 knots. C-20A/D and C-37 provide worldwide executive transport to SECNAV, CNO, CMC, and Fleet Commanders. C-35 provides transport for high priority passenger/cargo missions with time, place or mission sensitive requirements. C-35 can accommodate six passengers or 1,200 pounds of cargo with a range of 1,300 nautical miles at 234 knots. The C-12 King Air and C-26 Metro variants are commercial twin turbo-prop aircraft that provide shorter-range light lift passenger/cargo transport and range control missions. C-12 is capable of carrying six passengers or maximum cargo capacity of 2,850 pounds, 1,075 nautical miles at 225 knots. C-26 is capable of carrying 19 passengers 1,300 nautical miles at 234 knots.

OCO FY2012 -

OSIP 023-12 upgrades C-20G with Aircraft Survivability Equipment (ASE).

OSIP 024-12 upgrades UC-35D with ASE.

OSIP 025-12 upgrades UC-12W aircraft with an additional ALE-47 Forward Firing Dispenser and Extended Range (ER) Tanks.

OCO FY2013 -

OSIP 023-12 upgrades C-20G with ASE.

UNCLASSIFIED

Exhibit P-40, Budget Item Justification Sheet: PB 2013 Navy **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity:
1506N : Aircraft Procurement, Navy / BA 5 : Modification of Aircraft / BSA 1 :
Modification Of Aircraft

P-1 Line Item Nomenclature:
0562 - Cargo/Transport Acft Series

ID Code (A=Service Ready, B=Not Service Ready) : A **Program Elements for Code B Items:** **Other Related Program Elements:**

Item Schedule		ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
FEDERAL AVIATION ADMINISTRATION (FAA) CONFIGURATION UPDATES (OSIP 071-86) - 1	P3A		-	-	20.896	-	-	0.025	-	-	0.025	-	-	0.025	-	-	0.000	-	-	0.025
COMMUNICATION, NAVIGATION AND SURVEILLANCE - AIR TRAFFIC MANAGEMENT (CNS-ATM) (OSIP 012-04) - 2	P3A		-	-	113.865	-	-	15.975	-	-	16.438	-	-	16.286	-	-	0.000	-	-	16.286
FEDERAL AVIATION ADMINISTRATION(FAA)REG SPECIAL FEDERAL AVIATION REGULATIONS (SFAR) 88 (OSIP 010-10) - 3	P3A		-	-	2.700	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000
C-20G AIRCRAFT SURVIVABILITY EQUIPMENT (ASE) (OSIP 023-12) - 4	P3A		-	-	0.000	-	-	0.000	-	-	6.000	-	-	10.000	-	-	0.000	-	-	10.000
UC-35D AIRCRAFT SURVIVABILITY EQUIPMENT (ASE) (OSIP 024-12) - 5	P3A		-	-	0.000	-	-	0.000	-	-	3.900	-	-	0.000	-	-	0.000	-	-	0.000
UC-12W CAPABILITY IMPROVEMENTS (OSIP 025-12) - 6	P3A		-	-	0.000	-	-	0.000	-	-	8.380	-	-	0.000	-	-	0.000	-	-	0.000
Inactive OSIPs - 7	P3A		-	-	54.748	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000
Total Gross/Weapon System Cost					192.209			16.000			34.743			26.311			-			26.311

Item Nomenclature*	Exhibits	ID CD	FY 2014			FY 2015			FY 2016			FY 2017			To Complete			Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
FEDERAL AVIATION ADMINISTRATION (FAA) CONFIGURATION UPDATES (OSIP 071-86) - 1	P3A		-	-	0.025	-	-	0.025	-	-	0.025	-	-	0.025	-	-	0.000	-	-	21.071
COMMUNICATION, NAVIGATION AND SURVEILLANCE - AIR TRAFFIC MANAGEMENT (CNS-ATM) (OSIP 012-04) - 2	P3A		-	-	16.292	-	-	16.589	-	-	16.797	-	-	17.110	-	-	89.730	-	-	319.082

UNCLASSIFIED

Exhibit P-40, Budget Item Justification Sheet: PB 2013 Navy **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity:
1506N : Aircraft Procurement, Navy / BA 5 : Modification of Aircraft / BSA 1 :
Modification Of Aircraft

P-1 Line Item Nomenclature:
0562 - Cargo/Transport Acft Series

ID Code (A=Service Ready, B=Not Service Ready) : A **Program Elements for Code B Items:** **Other Related Program Elements:**

Item Nomenclature*	Exhibits	ID CD	FY 2014			FY 2015			FY 2016			FY 2017			To Complete			Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
FEDERAL AVIATION ADMINISTRATION(FAA)REG SPECIAL FEDERAL AVIATION REGULATIONS (SFAR) 88 (OSIP 010-10) - 3	P3A		-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	2.700
C-20G AIRCRAFT SURVIVABILITY EQUIPMENT (ASE) (OSIP 023-12) - 4	P3A		-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	16.000
UC-35D AIRCRAFT SURVIVABILITY EQUIPMENT (ASE) (OSIP 024-12) - 5	P3A		-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	3.900
UC-12W CAPABILITY IMPROVEMENTS (OSIP 025-12) - 6	P3A		-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	8.380
Inactive OSIPs - 7	P3A		-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	54.748
Total Gross/Weapon System Cost					16.317			16.614			16.822			17.135			89.730			425.881

*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.

Justification:
{tab}

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0562 - Cargo/Transport Acft Series	Modification Nomenclature <i>(Modification Title, Modification Number):</i> FEDERAL AVIATION ADMINISTRATION (FAA) CONFIGURATION UPDATES (OSIP 071-86) - 1

Models of Systems Affected: CARGO TRANSPORT A C SERIES CARGO TRANSPORT A C SERIES CARGO TRANSPORT A C SERIES CARGO TRANSPORT AC	Type Modification: SAFETY/RELIABILITY	Related RDT&E PEs:
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	20.896	0.025	0.025	0.025	0.000	0.025	0.025	0.025	0.025	0.025	0.000	21.071
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	20.896	0.025	0.025	0.025	0.000	0.025	0.025	0.025	0.025	0.025	0.000	21.071
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	20.896	0.025	0.025	0.025	0.000	0.025	0.025	0.025	0.025	0.025	0.000	21.071

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

Federal Aviation Regulations require manufacturers of commercial aircraft and associated systems/subsystems to investigate discrepant conditions, failures, and potential safety problems reported by all operators. The results of these investigations with recommended corrective action are reviewed/authorized by FAA designated representatives and provided to all operators as service bulletins. Each service bulletin is a complete technical directive that provides corrective change information or detailed modification instructions. To ensure safe, reliable, FAA/Navy certified aircraft and to provide a program that will assure continued life extension at minimum cost, the Navy must maintain configuration and integrity compatible with FAA certified commercial models by incorporation of applicable service bulletins. The incorporation of certain service bulletins also serves to preclude extensive repairs/repetitive inspections. Crew equipment requirements in accordance with FAA directives and/or Navy requirements will be incorporated to ensure maximum safety in case of emergency. Specific examples of systems that will require modification to conform to FAA Service Bulletins and Directives include Brakes, Landing Gear Systems, Flight Controls, Engine Modifications, Propeller Modifications, Airframe Modifications, Hydraulics, Electrical/Mechanical Systems & Components, Fuel Systems, Software Modifications/Upgrades, Fire Detection Systems, Interior Environmental Systems, Pressurization Systems, Oxygen Systems, Pilot-Static Systems and Smoke/Fire Detection Systems. Modifications budgeted in this OSIP include the incorporation of Service Bulletins/Directives requirements into the C-9B, C-40A, C-20A, C-20D, C-20G, C-37A, C-37B, C-26D, EC-26D, RC-26D, UC-35C, UC-35D, UC-12B, UC-12F, UC-12M, UC-12W, RC-12F, RC-12M, and NC-12B aircraft.

Development Status/Major Development Milestones: Service Bulletins are reviewed for possible incorporation on an as required basis. Prototype verification has been previously accomplished and approved by the FAA.

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0562 - Cargo/Transport Acft Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): FEDERAL AVIATION ADMINISTRATION (FAA) CONFIGURATION UPDATES (OSIP 071-86) - 1

Models of Systems Affected: CARGO TRANSPORT A C SERIES CARGO TRANSPORT A C SERIES CARGO TRANSPORT A C SERIES CARGO TRANSPORT AC	Type Modification: SAFETY/RELIABILITY	Related RDT&E PEs:
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
FEDERAL AVIATION ADMINISTRATION (FAA) CONFIGURATION UPDATES (OSIP 071-86)												
A Kits												
Recurring												
1.1.1) Tech Directive Implementation - Organic	-	0.050	-	0.025	-	0.025	-	0.025	-	-	-	0.025
1.1.2) C-12 Propellers - NonOrganic	74	0.990	-	-	-	-	-	-	-	-	-	-
1.1.3) C-20 - NonOrganic	298	0.961	-	-	-	-	-	-	-	-	-	-
1.1.4) C-26 - NonOrganic	11	0.376	-	-	-	-	-	-	-	-	-	-
1.1.5) C-9 - NonOrganic	282	5.244	-	-	-	-	-	-	-	-	-	-
1.1.6) C-9 Engines - NonOrganic	13	0.185	-	-	-	-	-	-	-	-	-	-
1.1.7) C-9 Hush Kits - NonOrganic	1	1.200	-	-	-	-	-	-	-	-	-	-
<i>Subtotal Recurring</i>		9.006		0.025		0.025		0.025		0.000		0.025
NonRecurring												
1.2.1) Installation Kits N/R - Organic	-	2.702	-	-	-	-	-	-	-	-	-	-
<i>Subtotal NonRecurring</i>		2.702		0.000		0.000		0.000		0.000		0.000
<i>Total, FEDERAL AVIATION ADMINISTRATION (FAA) CONFIGURATION UPDATES (OSIP 071-86)</i>	679	11.708	-	0.025	-	0.025	-	0.025	-	-	-	0.025
<i>Total, All Modifications</i>		11.708		0.025		0.025		0.025		0.000		0.025
Support												
3.1) Engineering Change Orders	-	0.360	-	-	-	-	-	-	-	-	-	-
3.2) Data	-	0.293	-	-	-	-	-	-	-	-	-	-
3.3) Training Equipment	-	0.206	-	-	-	-	-	-	-	-	-	-
3.4) Support Equipment	-	0.000	-	-	-	-	-	-	-	-	-	-
3.5) ILS	-	0.016	-	-	-	-	-	-	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0562 - Cargo/Transport Acft Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): FEDERAL AVIATION ADMINISTRATION (FAA) CONFIGURATION UPDATES (OSIP 071-86) - 1

Models of Systems Affected: CARGO TRANSPORT A C SERIES CARGO TRANSPORT A C SERIES CARGO TRANSPORT A C SERIES CARGO TRANSPORT AC	Type Modification: SAFETY/RELIABILITY	Related RDT&E PEs:
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
3.6) Other Support	-	0.542	-	-	-	-	-	-	-	-	-	-
3.7) Interim Contractor Support	-	0.207	-	-	-	-	-	-	-	-	-	-
Total Support Cost		1.624		0.000		0.000		0.000		0.000		0.000
<i>Procurement Cost (Procurement + Support)</i>		<i>13.332</i>		<i>0.025</i>		<i>0.025</i>		<i>0.025</i>		<i>0.000</i>		<i>0.025</i>
<i>Total Installation Cost</i>		<i>7.564</i>		<i>0.000</i>		<i>0.000</i>		<i>0.000</i>		<i>0.000</i>		<i>0.000</i>
Total Cost (Procurement + Support + Installation)		20.896		0.025		0.025		0.025		0.000		0.025

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
FEDERAL AVIATION ADMINISTRATION (FAA) CONFIGURATION UPDATES (OSIP 071-86)												
A Kits												
Recurring												
1.1.1) Tech Directive Implementation - Organic	-	0.025	-	0.025	-	0.025	-	0.025	-	-	-	0.225
1.1.2) C-12 Propellers - NonOrganic	-	-	-	-	-	-	-	-	-	-	74	0.990
1.1.3) C-20 - NonOrganic	-	-	-	-	-	-	-	-	-	-	298	0.961
1.1.4) C-26 - NonOrganic	-	-	-	-	-	-	-	-	-	-	11	0.376
1.1.5) C-9 - NonOrganic	-	-	-	-	-	-	-	-	-	-	282	5.244
1.1.6) C-9 Engines - NonOrganic	-	-	-	-	-	-	-	-	-	-	13	0.185
1.1.7) C-9 Hush Kits - NonOrganic	-	-	-	-	-	-	-	-	-	-	1	1.200
<i>Subtotal Recurring</i>		<i>0.025</i>		<i>0.025</i>		<i>0.025</i>		<i>0.025</i>		<i>0.000</i>		<i>9.181</i>
NonRecurring												
1.2.1) Installation Kits N/R - Organic	-	-	-	-	-	-	-	-	-	-	-	2.702

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0562 - Cargo/Transport Acft Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): FEDERAL AVIATION ADMINISTRATION (FAA) CONFIGURATION UPDATES (OSIP 071-86) - 1

Models of Systems Affected: CARGO TRANSPORT A C SERIES CARGO TRANSPORT A C SERIES CARGO TRANSPORT A C SERIES CARGO TRANSPORT AC	Type Modification: SAFETY/RELIABILITY	Related RDT&E PEs:
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		2.702
<i>Total, FEDERAL AVIATION ADMINISTRATION (FAA) CONFIGURATION UPDATES (OSIP 071-86)</i>	-	0.025	-	0.025	-	0.025	-	0.025	-	-	679	11.883
<i>Total, All Modifications</i>		0.025		0.025		0.025		0.025		0.000		11.883
Support												
3.1) Engineering Change Orders	-	-	-	-	-	-	-	-	-	-	-	0.360
3.2) Data	-	-	-	-	-	-	-	-	-	-	-	0.293
3.3) Training Equipment	-	-	-	-	-	-	-	-	-	-	-	0.206
3.4) Support Equipment	-	-	-	-	-	-	-	-	-	-	-	-
3.5) ILS	-	-	-	-	-	-	-	-	-	-	-	0.016
3.6) Other Support	-	-	-	-	-	-	-	-	-	-	-	0.542
3.7) Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	0.207
<i>Total Support Cost</i>		0.000		0.000		0.000		0.000		0.000		1.624
<i>Procurement Cost (Procurement + Support)</i>		0.025		0.025		0.025		0.025		0.000		13.507
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		7.564
Total Cost (Procurement + Support + Installation)		0.025		0.025		0.025		0.025		0.000		21.071

Remarks:

Manufacturer Information: FEDERAL AVIATION ADMINISTRATION (FAA) CONFIGURATION UPDATES (OSIP 071-86)

Manufacturer Name: Manufacturer Name Not Provided.	Manufacturer Location: Manufacturer Location Not Provided.
Administrative Leadtime (in Months):	Production Leadtime (in Months):

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates							
Delivery Dates							

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0562 - Cargo/Transport Acft Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): FEDERAL AVIATION ADMINISTRATION (FAA) CONFIGURATION UPDATES (OSIP 071-86) - 1
Models of Systems Affected: CARGO TRANSPORT A C SERIES CARGO TRANSPORT A C SERIES CARGO TRANSPORT A C SERIES CARGO TRANSPORT AC	Type Modification: SAFETY/RELIABILITY	Related RDT&E PEs:

Installation: FEDERAL AVIATION ADMINISTRATION (FAA) CONFIGURATION UPDATES (OSIP 071-86)	Method of Implementation: Depot Contractor	Installation Name: FAA Installs
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	679	7.564	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	679	7.564	-	-	-	-	-	-	-	-	-	-

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	679	7.564
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0562 - Cargo/Transport Acft Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): FEDERAL AVIATION ADMINISTRATION (FAA) CONFIGURATION UPDATES (OSIP 071-86) - 1
Models of Systems Affected: CARGO TRANSPORT A C SERIES CARGO TRANSPORT A C SERIES CARGO TRANSPORT A C SERIES CARGO TRANSPORT AC	Type Modification: SAFETY/RELIABILITY	Related RDT&E PEs:

Installation: FEDERAL AVIATION ADMINISTRATION (FAA) CONFIGURATION UPDATES (OSIP 071-86)	Method of Implementation: Depot Contractor	Installation Name: FAA Installs
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Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	679	7.564

Installation Schedule																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	679	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	679
Out	679	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	679

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0562 - Cargo/Transport Acft Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): COMMUNICATION, NAVIGATION AND SURVEILLANCE - AIR TRAFFIC MANAGEMENT (CNS-ATM) (OSIP 012-04) - 2

Models of Systems Affected: CARGO TRANSPORT AC SERIES	Type Modification: SAFETY/RELIABILITY	Related RDT&E PEs:
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	113.865	15.975	16.438	16.286	0.000	16.286	16.292	16.589	16.797	17.110	89.730	319.082
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	113.865	15.975	16.438	16.286	0.000	16.286	16.292	16.589	16.797	17.110	89.730	319.082
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	113.865	15.975	16.438	16.286	0.000	16.286	16.292	16.589	16.797	17.110	89.730	319.082
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

World-wide airspace congestion and communication bandwidth saturation has led the International Civil Aviation Organization (ICAO) to restructure the world-wide airspace structure to improve safety through a series of equipment and performance mandates implemented by regional authorities. The Type/Models/Series cited below will be required to comply with Communication, Navigation and Surveillance - Air Traffic Management (CNS-ATM) mandates to retain the Navy's capability to operate these aircraft worldwide. Failure to comply with these time-phased mandates will result in being denied access to high-volume airspace (routing and altitudes) and airfields, and result in circuitous routing and sub optimal altitudes. Required modifications to meet these CNS-ATM mandates are being implemented on post production aircraft as capabilities listed in the third paragraph.

To minimize the impact of successive modifications and maximize aircraft availability, a block upgrade approach has been taken during this budget submit. C-20D, C-12 and C-26 expenditures in FY09 and prior years comprise part of Block 1 as noted below by an *. Block upgrades have been prioritized and phased to meet regional mandates' just in time' to ensure that commercial CNS-ATM solutions are available off the shelf to minimize non-reoccurring engineering associated with FAA supplemental type certification. In order to incorporate CNS-ATM mandates several older aircraft (C-20D, C-35C, all C-26 and C-12) required the installation of a digital flight management and communication system.

CNS-ATM capabilities associated with each Block Upgrade are listed below:

C-9B: Block 1 - Enhanced Surveillance (EHS) + Flight Management System (FMS) upgrade, Correct Q Switching, Traffic Alert and Collision Avoidance System (TCAS 7.1), Enhanced Ground Proximity Warning System (EGPWS); Block 2 - Required Navigation Performance (RNP) upgrade and Ground Landing System (GLS). No Block 3

C-40A: Block 1 - EHS, Aircraft Communications Addressing and Reporting System (ACARS), Controller Pilot Data Link Communication (CPDLC) and GLS, TCAS 7.1; Block 2 - Trajectory based ops+ KIV Installs + Flight bags; Block 3 - Performance Based Services, Weather Integration, ADS-B In/Out + L5 GPS Installs

C-37A: Block 1 - EHS upgrade, TCAS 7.1; Block 2- Airframe Service Change (ASC) 183, 186, 187, 188; Trajectory based ops+ KIV Installs; Block 3 - Performance Based Services, Weather Integration, ADS-B In/Out + L5 GPS Installs

C-37B: Cert Delta + Runway Awareness and Advisory System (RAAS), TCAS 7.1; Block 2 - ASC 83, 84, 61, 908; Trajectory based ops+ KIV Installs; Block 3 - Performance Based Services, Weather Integration, ADS-B In/Out + L5 GPS Installs

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0562 - Cargo/Transport Acft Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): COMMUNICATION, NAVIGATION AND SURVEILLANCE - AIR TRAFFIC MANAGEMENT (CNS-ATM) (OSIP 012-04) - 2
Models of Systems Affected: CARGO TRANSPORT AC SERIES	Type Modification: SAFETY/RELIABILITY	Related RDT&E PEs:
<p>C-35C: Block 1 - 2nd FMS, Mode S upgrade, Emergency Locator Transmitter (ELT), Install Emergency Standby Instrument System (ESIS) + Instrument Panel Display + Wide Area Augmentation System (WAAS); Block 2 - Install FMS upgrade & RNP, Trajectory based ops+ KIV Installs; Block 3 - Performance Based Services, Weather Integration, ADS-B In/Out + L5 GPS Installs</p> <p>C-35D: Block 1 - 2nd FMS and Mode S upgrade; Block 2 - Install FMS upgrade, WAAS & RNP, Trajectory based ops+ KIV Installs; Block 3 - Performance Based Services, Weather Integration, ADS-B In/Out + L5 GPS Installs</p> <p>C-26 EC/RC/UC-26D: Block 1 - Terrain Awareness and Warning System (TAWS)* and TCAS-II*: RNP-1, Flight Management System, and Pro-Line 21 Upgrade; Block 2 - Install FMS upgrade, WAAS & RNP, Trajectory based ops+ KIV Installs; Block 3-Performance Based Services; Weather Integration</p> <p>C-20A: Block 1 - Mode S, ELT, TAWS upgrade, and CPDLC, TCAS 7.1; Block 2 - Data Loader Upgrade; No Block 3.</p> <p>C-20D: Block 1 - Avionics Upgrade* High Frequency (HF) Radio Upgrade*, Mode S, ELT, TAWS upgrade, TCAS 7.1, APX119 Transponder; Block 2 - FMS 6.1 upgrade, WAAS & RNP, Trajectory based ops+ KIV + L5 GPS Installs; Block 3 - Performance Based Services; Weather Integration</p> <p>C-20G: Block 1 - Mode S and TAWS upgrade, Avionics Upgrade, TCAS 7.1, APX119 Transponder; Block 2 - ASC 476, 477, 478 & 479; Trajectory based ops+ KIV + L5 GPS Installs, WAAS & RNP Upgrade; Block 3 - Performance Based Services; Weather Integration</p> <p>C-12B: Block 1 - Protected Instrument Landing System (P-ILS)*, ELT, 8.33 KHz VHF Channel Spacing*, TCAS 7.1; Block 2 - ProLine 21 Upgrade. No Block 3.</p> <p>C-12F: Block 1 - Pro-Line 21 Upgrade, Satellite Communications (SATCOM), Reduced Vertical Separation Minima (RVSM), ELT and Mode S upgrade, TCAS 7.1; Block 2 -Install FMS upgrade, WAAS & RNP, KIV + VDL2 CMU installs; Block 3 - Performance Based Services + Flight bags + Trajectory based ops + L5 GPS Installs + FANS 1/A w/ CPDLC + ADS-C), Weather Integration, Mode 5 upgrade</p> <p>C-12M: Block 1 - Pro-Line 21 Upgrade, 8.33 KHz VHF Channel Spacing* TCAS 7.1, Block 2- Install FMS upgrade, WAAS & RNP; KIV + VDL2 Communication Management Unit (CMU) installs; Block 3 Performance Based Services + Flight bags + Trajectory based ops+ Future Air Navigation System (FANS) 1/A w/ CPDLC+ Aircraft Dependent Surveillance-Contract (ADS-C), Weather Integration, Mode 5 upgrade</p> <p>UC-12W: Block 2- Install GLS & WAAS, Trajectory based ops+ KIV Installs, TCAS 7.1, Pro-Line 21 upgrade; Block 3 - Performance Based Services, Weather Integration, ADS-B In/Out + L5 GPS Installs</p>		

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0562 - Cargo/Transport Acft Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): COMMUNICATION, NAVIGATION AND SURVEILLANCE - AIR TRAFFIC MANAGEMENT (CNS-ATM) (OSIP 012-04) - 2

Models of Systems Affected: CARGO TRANSPORT AC SERIES	Type Modification: SAFETY/RELIABILITY	Related RDT&E PEs:
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
COMMUNICATION, NAVIGATION AND SURVEILLANCE - AIR TRAFFIC MANAGEMENT (CNS-ATM) (OSIP 012-04)												
A Kits												
Recurring												
1.1.1) 8.33KHZ (C-12) - NonOrganic ⁽¹⁾	16	0.685	-	-	-	-	-	-	-	-	-	-
1.1.2) Avionics Upgrade (C-20D) - NonOrganic	2	2.419	-	-	-	-	-	-	-	-	-	-
1.1.3) Block 1 (C-37) - NonOrganic	4	0.650	-	-	-	-	-	-	-	-	-	-
1.1.4) Block 1 (UC-35) - NonOrganic	6	0.640	-	-	-	-	-	-	-	-	-	-
1.1.5) Block 1 (C-26) - NonOrganic	10	1.486	-	-	-	-	-	-	-	-	-	-
1.1.6) Block 1 (C-20) - NonOrganic	6	0.270	-	-	-	-	-	-	-	-	-	-
1.1.7) Block 1 (C-12) - NonOrganic	26	7.547	-	-	-	-	-	-	-	-	-	-
1.1.8) Block 2 (C-40/C-9) - NonOrganic	-	-	8	0.400	9	0.450	-	-	-	-	-	-
1.1.9) Block 2 (C-37) - NonOrganic	2	0.500	3	0.225	3	0.225	1	0.075	-	-	1	0.075
1.1.10) Block 2 (UC-35) - NonOrganic	-	-	5	0.125	2	0.080	2	0.080	-	-	2	0.080
1.1.11) Block 2 (C-26) - NonOrganic	-	-	2	0.150	5	0.375	1	0.100	-	-	1	0.100
1.1.12) Block 2 (C-20) - NonOrganic	4	0.600	5	0.750	3	0.300	4	0.400	-	-	4	0.400
1.1.13) Block 2 (C-12) - NonOrganic	-	-	12	0.660	14	0.770	22	0.880	-	-	22	0.880
1.1.14) Block 3 (C-40/C-9) - NonOrganic	-	-	-	-	-	-	-	-	-	-	-	-
1.1.15) Block 3 (C-37) - NonOrganic	-	-	-	-	-	-	-	-	-	-	-	-
1.1.16) Block 3 (UC-35) - NonOrganic	-	-	-	-	-	-	-	-	-	-	-	-
1.1.17) Block 3 (C-26) - NonOrganic	-	-	-	-	-	-	-	-	-	-	-	-
1.1.18) Block 3 (C-20) - NonOrganic	-	-	-	-	-	-	-	-	-	-	-	-
1.1.19) Block 3 (C-12) - NonOrganic	-	-	-	-	-	-	-	-	-	-	-	-
1.1.20) Data Link (C-26) - NonOrganic	7	0.602	-	-	-	-	-	-	-	-	-	-

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0562 - Cargo/Transport Acft Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): COMMUNICATION, NAVIGATION AND SURVEILLANCE - AIR TRAFFIC MANAGEMENT (CNS-ATM) (OSIP 012-04) - 2

Models of Systems Affected: CARGO TRANSPORT AC SERIES	Type Modification: SAFETY/RELIABILITY	Related RDT&E PEs:
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
1.1.21) HF Radio Upgrade (C-20A) - NonOrganic	2	0.684	-	-	-	-	-	-	-	-	-	-
1.1.22) P-ILS (C-12) - NonOrganic	42	0.481	-	-	-	-	-	-	-	-	-	-
<i>Subtotal Recurring</i>		16.564		2.310		2.200		1.535		0.000		1.535
NonRecurring												
1.2.1) Instalation Kits N/R - Organic	-	27.918	-	1.088	-	0.228	-	0.853	-	-	-	0.853
<i>Subtotal NonRecurring</i>		27.918		1.088		0.228		0.853		0.000		0.853
B Kits												
Recurring												
2.1.1) Avionics Upgrade C-20D - Organic	-	0.085	-	-	-	-	-	-	-	-	-	-
2.1.2) Block 1 - Organic	65	30.228	-	-	-	-	-	-	-	-	-	-
2.1.3) Block 1 (C-40/C-9) - NonOrganic ⁽²⁾	2	1.890	-	-	-	-	-	-	-	-	-	-
2.1.4) Block 2 - Organic	6	1.300	35	7.545	36	8.573	30	7.309	-	-	30	7.309
2.1.5) Block 2 (C-40/C-9) - NonOrganic	10	1.630	-	-	-	-	-	-	-	-	-	-
2.1.6) Block 3 - Organic	-	-	-	-	-	-	-	-	-	-	-	-
2.1.7) HF Radio Upgrade C-20A - Organic	1	0.500	-	-	-	-	-	-	-	-	-	-
<i>Subtotal Recurring</i>		35.633		7.545		8.573		7.309		0.000		7.309
NonRecurring												
2.2.1) Installation Equipment N/R - Organic	-	2.192	-	0.408	-	0.075	-	0.325	-	-	-	0.325
<i>Subtotal NonRecurring</i>		2.192		0.408		0.075		0.325		0.000		0.325
<i>Total, COMMUNICATION, NAVIGATION AND SURVEILLANCE - AIR TRAFFIC MANAGEMENT (CNS-ATM) (OSIP 012-04)</i>	211	82.307	70	11.351	72	11.076	60	10.022	-	-	60	10.022
<i>Total, All Modifications</i>		82.307		11.351		11.076		10.022		0.000		10.022
Support												
3.1) Engineering Change Orders	-	0.160	-	-	-	-	-	-	-	-	-	-
3.2) Data	-	4.217	-	0.364	-	0.244	-	0.393	-	-	-	0.393

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0562 - Cargo/Transport Acft Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): COMMUNICATION, NAVIGATION AND SURVEILLANCE - AIR TRAFFIC MANAGEMENT (CNS-ATM) (OSIP 012-04) - 2

Models of Systems Affected: CARGO TRANSPORT AC SERIES	Type Modification: SAFETY/RELIABILITY	Related RDT&E PEs:
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
3.3) Training Equipment	-	1.155	-	0.195	-	0.198	-	0.340	-	-	-	0.340
3.4) Support Equipment	-	0.356	-	-	-	-	-	0.224	-	-	-	0.224
3.5) ILS	-	2.041	-	0.180	-	0.100	-	0.384	-	-	-	0.384
3.6) Other Support	-	3.940	-	0.325	-	0.215	-	0.583	-	-	-	0.583
3.7) Interim Contractor Support	-	0.000	-	-	-	-	-	-	-	-	-	-
Total Support Cost		11.869		1.064		0.757		1.924		0.000		1.924
Procurement Cost (Procurement + Support)		94.176		12.415		11.833		11.946		0.000		11.946
Total Installation Cost		19.689		3.560		4.605		4.340		0.000		4.340
Total Cost (Procurement + Support + Installation)		113.865		15.975		16.438		16.286		0.000		16.286

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
COMMUNICATION, NAVIGATION AND SURVEILLANCE - AIR TRAFFIC MANAGEMENT (CNS-ATM) (OSIP 012-04)												
A Kits												
Recurring												
1.1.1) 8.33KHZ (C-12) - NonOrganic ⁽¹⁾	-	-	-	-	-	-	-	-	-	-	16	0.685
1.1.2) Avionics Upgrade (C-20D) - NonOrganic	-	-	-	-	-	-	-	-	-	-	2	2.419
1.1.3) Block 1 (C-37) - NonOrganic	-	-	-	-	-	-	-	-	-	-	4	0.650
1.1.4) Block 1 (UC-35) - NonOrganic	-	-	-	-	-	-	-	-	-	-	6	0.640
1.1.5) Block 1 (C-26) - NonOrganic	-	-	-	-	-	-	-	-	-	-	10	1.486
1.1.6) Block 1 (C-20) - NonOrganic	-	-	-	-	-	-	-	-	-	-	6	0.270
1.1.7) Block 1 (C-12) - NonOrganic	-	-	-	-	-	-	-	-	-	-	26	7.547
1.1.8) Block 2 (C-40/C-9) - NonOrganic	2	0.090	7	0.315	-	-	-	-	-	-	26	1.255

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0562 - Cargo/Transport Acft Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): COMMUNICATION, NAVIGATION AND SURVEILLANCE - AIR TRAFFIC MANAGEMENT (CNS-ATM) (OSIP 012-04) - 2

Models of Systems Affected: CARGO TRANSPORT AC SERIES	Type Modification: SAFETY/RELIABILITY	Related RDT&E PEs:
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
1.1.9) Block 2 (C-37) - NonOrganic	-	-	-	-	-	-	-	-	-	-	9	1.025
1.1.10) Block 2 (UC-35) - NonOrganic	4	0.160	6	0.240	-	-	-	-	-	-	19	0.685
1.1.11) Block 2 (C-26) - NonOrganic	3	0.300	3	0.300	-	-	-	-	-	-	14	1.225
1.1.12) Block 2 (C-20) - NonOrganic	-	-	-	-	-	-	-	-	-	-	16	2.050
1.1.13) Block 2 (C-12) - NonOrganic	4	0.180	-	-	-	-	-	-	-	-	52	2.490
1.1.14) Block 3 (C-40/C-9) - NonOrganic	-	-	-	-	9	0.540	3	0.180	18	1.260	30	1.980
1.1.15) Block 3 (C-37) - NonOrganic	2	0.200	2	0.200	2	0.300	2	0.300	4	1.600	12	2.600
1.1.16) Block 3 (UC-35) - NonOrganic	-	-	-	-	3	0.450	3	0.450	18	5.700	24	6.600
1.1.17) Block 3 (C-26) - NonOrganic	-	-	-	-	-	-	0	0.000	7	1.050	7	1.050
1.1.18) Block 3 (C-20) - NonOrganic	-	-	1	0.050	-	-	6	0.300	6	0.480	13	0.830
1.1.19) Block 3 (C-12) - NonOrganic	3	0.300	6	0.600	-	-	-	-	17	2.300	26	3.200
1.1.20) Data Link (C-26) - NonOrganic	-	-	-	-	-	-	-	-	-	-	7	0.602
1.1.21) HF Radio Upgrade (C-20A) - NonOrganic	-	-	-	-	-	-	-	-	-	-	2	0.684
1.1.22) P-ILS (C-12) - NonOrganic	-	-	-	-	-	-	-	-	-	-	42	0.481
<i>Subtotal Recurring</i>		1.230		1.705		1.290		1.230		12.390		40.454
<i>NonRecurring</i>												
1.2.1) Instalation Kits N/R - Organic	-	2.214	-	0.200	-	1.700	-	2.200	-	9.500	-	45.901
<i>Subtotal NonRecurring</i>		2.214		0.200		1.700		2.200		9.500		45.901
B Kits												
<i>Recurring</i>												
2.1.1) Avionics Upgrade C-20D - Organic	-	-	-	-	-	-	-	-	-	-	-	0.085
2.1.2) Block 1 - Organic	-	-	-	-	-	-	-	-	-	-	65	30.228
2.1.3) Block 1 (C-40/C-9) - NonOrganic ⁽²⁾	-	-	-	-	-	-	-	-	-	-	2	1.890
2.1.4) Block 2 - Organic	13	4.891	16	5.505	-	-	-	-	-	-	136	35.123
2.1.5) Block 2 (C-40/C-9) - NonOrganic	-	-	-	-	-	-	-	-	-	-	10	1.630

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0562 - Cargo/Transport Acft Series	Modification Nomenclature <i>(Modification Title, Modification Number):</i> COMMUNICATION, NAVIGATION AND SURVEILLANCE - AIR TRAFFIC MANAGEMENT (CNS-ATM) (OSIP 012-04) - 2

Models of Systems Affected: CARGO TRANSPORT AC SERIES	Type Modification: SAFETY/RELIABILITY	Related RDT&E PEs:
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
2.1.6) Block 3 - Organic	5	2.400	9	4.285	14	7.278	14	6.300	70	33.300	112	53.563
2.1.7) HF Radio Upgrade C-20A - Organic	-	-	-	-	-	-	-	-	-	-	1	0.500
<i>Subtotal Recurring</i>		7.291		9.790		7.278		6.300		33.300		123.019
NonRecurring												
2.2.1) Installation Equipment N/R - Organic	-	0.631	-	0.150	-	-	-	0.300	-	1.775	-	5.856
<i>Subtotal NonRecurring</i>		0.631		0.150		0.000		0.300		1.775		5.856
<i>Total, COMMUNICATION, NAVIGATION AND SURVEILLANCE - AIR TRAFFIC MANAGEMENT (CNS-ATM) (OSIP 012-04)</i>	36	11.366	50	11.845	28	10.268	28	10.030	140	56.965	695	215.230
<i>Total, All Modifications</i>		11.366		11.845		10.268		10.030		56.965		215.230
Support												
3.1) Engineering Change Orders	-	-	-	-	-	-	-	-	-	-	-	0.160
3.2) Data	-	0.325	-	0.263	-	0.288	-	0.380	-	2.075	-	8.549
3.3) Training Equipment	-	0.475	-	0.150	-	0.800	-	0.609	-	2.650	-	6.572
3.4) Support Equipment	-	0.410	-	0.060	-	0.186	-	0.200	-	0.475	-	1.911
3.5) ILS	-	0.800	-	0.127	-	0.600	-	0.550	-	1.825	-	6.607
3.6) Other Support	-	0.674	-	0.550	-	0.701	-	0.795	-	1.480	-	9.263
3.7) Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		2.684		1.150		2.575		2.534		8.505		33.062
<i>Procurement Cost (Procurement + Support)</i>		14.050		12.995		12.843		12.564		65.470		248.292
<i>Total Installation Cost</i>		2.242		3.594		3.954		4.546		24.260		70.790
Total Cost (Procurement + Support + Installation)		16.292		16.589		16.797		17.110		89.730		319.082

Remarks:

(1)Note: Prior Year (FY2004) Qty of 16 8.33khz radios were installed concurrently with the 42 P-ILS systems.

(2)Note: Prior Year (FY2006) 8 Kits were installed at the organizational level. No installation cost to be incurred.

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Exhibit P-3A, Individual Modification: PB 2013 Navy							Date: February 2012						
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0562 - Cargo/Transport Acft Series				Modification Nomenclature (<i>Modification Title, Modification Number</i>): COMMUNICATION, NAVIGATION AND SURVEILLANCE - AIR TRAFFIC MANAGEMENT (CNS-ATM) (OSIP 012-04) - 2					
Models of Systems Affected: CARGO TRANSPORT AC SERIES			Type Modification: SAFETY/RELIABILITY				Related RDT&E PEs:						
Manufacturer Information: COMMUNICATION, NAVIGATION AND SURVEILLANCE - AIR TRAFFIC MANAGEMENT (CNS-ATM) (OSIP 012-04)													
Manufacturer Name: Various						Manufacturer Location: Various							
Administrative Leadtime (<i>in Months</i>): 3						Production Leadtime (<i>in Months</i>): 1							
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017						
Contract Dates	Dec 2010	Dec 2011	Dec 2012	Dec 2013	Dec 2014	Dec 2015	Dec 2016						
Delivery Dates	Jan 2011	Jan 2012	Jan 2013	Jan 2014	Jan 2015	Jan 2016	Jan 2017						
Installation: COMMUNICATION, NAVIGATION AND SURVEILLANCE - AIR TRAFFIC MANAGEMENT (CNS-ATM) (OSIP 012-04)													
Method of Implementation: Depot Contractor						Installation Name: CNS/ATM C-12							
Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	
All Prior Years	84	8.344	-	-	-	-	-	-	-	-	-	-	
FY 2011	-	-	12	1.150	-	-	-	-	-	-	-	-	
FY 2012	-	-	-	-	14	1.350	-	-	-	-	-	-	
FY 2013	-	-	-	-	-	-	22	2.850	0	0.000	22	2.850	
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-	
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-	
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-	
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-	
To Complete	-	-	-	-	-	-	-	-	-	-	-	-	
Total	84	8.344	12	1.150	14	1.350	22	2.850	0	0.000	22	2.850	
Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total		
	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	
All Prior Years	-	-	-	-	-	-	-	-	-	-	84	8.344	
FY 2011	-	-	-	-	-	-	-	-	-	-	12	1.150	

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0562 - Cargo/Transport Acft Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): COMMUNICATION, NAVIGATION AND SURVEILLANCE - AIR TRAFFIC MANAGEMENT (CNS-ATM) (OSIP 012-04) - 2

Models of Systems Affected: CARGO TRANSPORT AC SERIES	Type Modification: SAFETY/RELIABILITY	Related RDT&E PEs:
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Installation: COMMUNICATION, NAVIGATION AND SURVEILLANCE - AIR TRAFFIC MANAGEMENT (CNS-ATM) (OSIP 012-04)	Method of Implementation: Depot Contractor	Installation Name: CNS/ATM C-12
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Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
FY 2012	-	-	-	-	-	-	-	-	-	-	14	1.350
FY 2013	-	-	-	-	-	-	-	-	-	-	22	2.850
FY 2014	7	0.562	-	-	-	-	-	-	-	-	7	0.562
FY 2015	-	-	6	0.724	-	-	-	-	-	-	6	0.724
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	17	4.000	17	4.000
Total	7	0.562	6	0.724	-	-	-	-	17	4.000	162	18.980

Installation Schedule		FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
	APY	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	84	-	4	4	4	-	5	5	4	-	7	7	8	-	2	2	3	-	2	2	2	-	-	-	-	-	-	-	-	17	162
Out	84	-	4	4	4	-	5	5	4	-	7	7	8	-	2	2	3	-	2	2	2	-	-	-	-	-	-	-	-	17	162

Installation: COMMUNICATION, NAVIGATION AND SURVEILLANCE - AIR TRAFFIC MANAGEMENT (CNS-ATM) (OSIP 012-04)	Method of Implementation: Depot Contractor	Installation Name: CNS/ATM C-20
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	14	2.110	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	5	0.750	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	3	0.600	-	-	-	-	-	-

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0562 - Cargo/Transport Acft Series	Modification Nomenclature <i>(Modification Title, Modification Number):</i> COMMUNICATION, NAVIGATION AND SURVEILLANCE - AIR TRAFFIC MANAGEMENT (CNS-ATM) (OSIP 012-04) - 2

Models of Systems Affected: CARGO TRANSPORT AC SERIES	Type Modification: SAFETY/RELIABILITY	Related RDT&E PEs:
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Installation: COMMUNICATION, NAVIGATION AND SURVEILLANCE - AIR TRAFFIC MANAGEMENT (CNS-ATM) (OSIP 012-04)	Method of Implementation: Depot Contractor	Installation Name: CNS/ATM C-20
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
FY 2013	-	-	-	-	-	-	4	0.800	0	0.000	4	0.800
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	14	2.110	5	0.750	3	0.600	4	0.800	0	0.000	4	0.800

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	14	2.110
FY 2011	-	-	-	-	-	-	-	-	-	-	5	0.750
FY 2012	-	-	-	-	-	-	-	-	-	-	3	0.600
FY 2013	-	-	-	-	-	-	-	-	-	-	4	0.800
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	1	0.200	-	-	-	-	-	-	1	0.200
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	6	1.200	-	-	6	1.200
To Complete	-	-	-	-	-	-	-	-	6	1.800	6	1.800
Total	-	-	1	0.200	-	-	6	1.200	6	1.800	39	7.460

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0562 - Cargo/Transport Acft Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): COMMUNICATION, NAVIGATION AND SURVEILLANCE - AIR TRAFFIC MANAGEMENT (CNS-ATM) (OSIP 012-04) - 2

Models of Systems Affected: CARGO TRANSPORT AC SERIES	Type Modification: SAFETY/RELIABILITY	Related RDT&E PEs:
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Installation: COMMUNICATION, NAVIGATION AND SURVEILLANCE - AIR TRAFFIC MANAGEMENT (CNS-ATM) (OSIP 012-04)	Method of Implementation: Depot Contractor	Installation Name: CNS/ATM C-20
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Installation Schedule																																		
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot			
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4					
In	14	-	1	2	2	-	1	1	1	-	1	2	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	2	2	2	6	39
Out	14	-	1	2	2	-	1	1	1	-	1	2	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	2	2	2	6	39

Installation: COMMUNICATION, NAVIGATION AND SURVEILLANCE - AIR TRAFFIC MANAGEMENT (CNS-ATM) (OSIP 012-04)	Method of Implementation: Depot Contractor	Installation Name: CNS/ATM C-37
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>
All Prior Years	6	0.600	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	3	0.750	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	3	0.750	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	1	0.250	0	0.000	1	0.250
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	6	0.600	3	0.750	3	0.750	1	0.250	0	0.000	1	0.250

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0562 - Cargo/Transport Acft Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): COMMUNICATION, NAVIGATION AND SURVEILLANCE - AIR TRAFFIC MANAGEMENT (CNS-ATM) (OSIP 012-04) - 2
Models of Systems Affected: CARGO TRANSPORT AC SERIES	Type Modification: SAFETY/RELIABILITY	Related RDT&E PEs:

Installation: COMMUNICATION, NAVIGATION AND SURVEILLANCE - AIR TRAFFIC MANAGEMENT (CNS-ATM) (OSIP 012-04)	Method of Implementation: Depot Contractor	Installation Name: CNS/ATM C-37
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Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	6	0.600
FY 2011	-	-	-	-	-	-	-	-	-	-	3	0.750
FY 2012	-	-	-	-	-	-	-	-	-	-	3	0.750
FY 2013	-	-	-	-	-	-	-	-	-	-	1	0.250
FY 2014	2	0.300	-	-	-	-	-	-	-	-	2	0.300
FY 2015	-	-	2	0.300	-	-	-	-	-	-	2	0.300
FY 2016	-	-	-	-	2	0.600	-	-	-	-	2	0.600
FY 2017	-	-	-	-	-	-	2	0.600	-	-	2	0.600
To Complete	-	-	-	-	-	-	-	-	4	1.600	4	1.600
Total	2	0.300	2	0.300	2	0.600	2	0.600	4	1.600	25	5.750

Installation Schedule																															
APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot	
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4			
In	6	-	1	1	1	-	1	1	1	-	1	-	-	-	1	1	-	-	1	1	-	-	1	1	-	-	1	1	-	4	25
Out	6	-	1	1	1	-	1	1	1	-	1	-	-	-	1	1	-	-	1	1	-	-	1	1	-	-	1	1	-	4	25

Installation: COMMUNICATION, NAVIGATION AND SURVEILLANCE - AIR TRAFFIC MANAGEMENT (CNS-ATM) (OSIP 012-04)	Method of Implementation: Depot Contractor	Installation Name: CNS/ATM UC-35
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	6	2.792	-	-	-	-	-	-	-	-	-	-

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0562 - Cargo/Transport Acft Series	Modification Nomenclature <i>(Modification Title, Modification Number):</i> COMMUNICATION, NAVIGATION AND SURVEILLANCE - AIR TRAFFIC MANAGEMENT (CNS-ATM) (OSIP 012-04) - 2

Models of Systems Affected: CARGO TRANSPORT AC SERIES	Type Modification: SAFETY/RELIABILITY	Related RDT&E PEs:
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Installation: COMMUNICATION, NAVIGATION AND SURVEILLANCE - AIR TRAFFIC MANAGEMENT (CNS-ATM) (OSIP 012-04)	Method of Implementation: Depot Contractor	Installation Name: CNS/ATM UC-35
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
FY 2011	-	-	5	0.250	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	2	0.750	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	2	0.240	0	0.000	2	0.240
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	6	2.792	5	0.250	2	0.750	2	0.240	0	0.000	2	0.240

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	6	2.792
FY 2011	-	-	-	-	-	-	-	-	-	-	5	0.250
FY 2012	-	-	-	-	-	-	-	-	-	-	2	0.750
FY 2013	-	-	-	-	-	-	-	-	-	-	2	0.240
FY 2014	4	0.480	-	-	-	-	-	-	-	-	4	0.480
FY 2015	-	-	6	0.720	-	-	-	-	-	-	6	0.720
FY 2016	-	-	-	-	3	2.004	-	-	-	-	3	2.004
FY 2017	-	-	-	-	-	-	3	2.296	-	-	3	2.296
To Complete	-	-	-	-	-	-	-	-	18	12.000	18	12.000
Total	4	0.480	6	0.720	3	2.004	3	2.296	18	12.000	49	21.532

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0562 - Cargo/Transport Acft Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): COMMUNICATION, NAVIGATION AND SURVEILLANCE - AIR TRAFFIC MANAGEMENT (CNS-ATM) (OSIP 012-04) - 2

Models of Systems Affected: CARGO TRANSPORT AC SERIES	Type Modification: SAFETY/RELIABILITY	Related RDT&E PEs:
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Installation: COMMUNICATION, NAVIGATION AND SURVEILLANCE - AIR TRAFFIC MANAGEMENT (CNS-ATM) (OSIP 012-04)	Method of Implementation: Depot Contractor	Installation Name: CNS/ATM UC-35
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Installation Schedule																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	6	-	1	2	2	-	1	1	-	-	1	1	-	-	1	2	1	-	2	2	2	-	1	1	1	-	2	1	-	18	49
Out	6	-	1	2	2	-	1	1	-	-	1	1	-	-	1	2	1	-	2	2	2	-	1	1	1	-	2	1	-	18	49

Installation: COMMUNICATION, NAVIGATION AND SURVEILLANCE - AIR TRAFFIC MANAGEMENT (CNS-ATM) (OSIP 012-04)	Method of Implementation: Depot Contractor	Installation Name: CNS/ATM C-26
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>
All Prior Years	17	4.493	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	2	0.300	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	5	0.750	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	1	0.200	0	0.000	1	0.200
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	17	4.493	2	0.300	5	0.750	1	0.200	0	0.000	1	0.200

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0562 - Cargo/Transport Acft Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): COMMUNICATION, NAVIGATION AND SURVEILLANCE - AIR TRAFFIC MANAGEMENT (CNS-ATM) (OSIP 012-04) - 2
Models of Systems Affected: CARGO TRANSPORT AC SERIES	Type Modification: SAFETY/RELIABILITY	Related RDT&E PEs:

Installation: COMMUNICATION, NAVIGATION AND SURVEILLANCE - AIR TRAFFIC MANAGEMENT (CNS-ATM) (OSIP 012-04)	Method of Implementation: Depot Contractor	Installation Name: CNS/ATM C-26
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Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	17	4.493
FY 2011	-	-	-	-	-	-	-	-	-	-	2	0.300
FY 2012	-	-	-	-	-	-	-	-	-	-	5	0.750
FY 2013	-	-	-	-	-	-	-	-	-	-	1	0.200
FY 2014	3	0.600	-	-	-	-	-	-	-	-	3	0.600
FY 2015	-	-	3	0.600	-	-	-	-	-	-	3	0.600
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	7	1.260	7	1.260
Total	3	0.600	3	0.600	-	-	-	-	7	1.260	38	8.203

Installation Schedule																															
APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot	
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4			
In	17	-	1	1	-	-	2	2	1	-	1	-	-	-	1	1	1	-	1	1	1	-	-	-	-	-	-	-	-	7	38
Out	17	-	1	1	-	-	2	2	1	-	1	-	-	-	1	1	1	-	1	1	1	-	-	-	-	-	-	-	-	7	38

Installation: COMMUNICATION, NAVIGATION AND SURVEILLANCE - AIR TRAFFIC MANAGEMENT (CNS-ATM) (OSIP 012-04)	Method of Implementation: Depot Contractor	Installation Name: CNS/ATM C-40A/C-9
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	12	1.350	-	-	-	-	-	-	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0562 - Cargo/Transport Acft Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): COMMUNICATION, NAVIGATION AND SURVEILLANCE - AIR TRAFFIC MANAGEMENT (CNS-ATM) (OSIP 012-04) - 2

Models of Systems Affected: CARGO TRANSPORT AC SERIES	Type Modification: SAFETY/RELIABILITY	Related RDT&E PEs:
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Installation: COMMUNICATION, NAVIGATION AND SURVEILLANCE - AIR TRAFFIC MANAGEMENT (CNS-ATM) (OSIP 012-04)	Method of Implementation: Depot Contractor	Installation Name: CNS/ATM C-40A/C-9
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
FY 2011	-	-	8	0.360	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	9	0.405	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	12	1.350	8	0.360	9	0.405	-	-	-	-	-	-

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	12	1.350
FY 2011	-	-	-	-	-	-	-	-	-	-	8	0.360
FY 2012	-	-	-	-	-	-	-	-	-	-	9	0.405
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	2	0.300	-	-	-	-	-	-	-	-	2	0.300
FY 2015	-	-	7	1.050	-	-	-	-	-	-	7	1.050
FY 2016	-	-	-	-	9	1.350	-	-	-	-	9	1.350
FY 2017	-	-	-	-	-	-	3	0.450	-	-	3	0.450
To Complete	-	-	-	-	-	-	-	-	18	3.600	18	3.600
Total	2	0.300	7	1.050	9	1.350	3	0.450	18	3.600	68	8.865

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy																							Date: February 2012								
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1										P-1 Line Item Nomenclature: 0562 - Cargo/Transport Acft Series										Modification Nomenclature (<i>Modification Title, Modification Number</i>): COMMUNICATION, NAVIGATION AND SURVEILLANCE - AIR TRAFFIC MANAGEMENT (CNS-ATM) (OSIP 012-04) - 2											
Models of Systems Affected: CARGO TRANSPORT AC SERIES										Type Modification: SAFETY/RELIABILITY										Related RDT&E PEs:											
Installation: COMMUNICATION, NAVIGATION AND SURVEILLANCE - AIR TRAFFIC MANAGEMENT (CNS-ATM) (OSIP 012-04)										Method of Implementation: Depot Contractor										Installation Name: CNS/ATM C-40A/C-9											
Installation Schedule																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
In	12	-	2	4	2	-	3	3	3	-	-	-	-	-	1	1	-	-	2	3	2	-	3	3	3	-	1	1	1	18	68
Out	12	-	2	4	2	-	3	3	3	-	-	-	-	-	1	1	-	-	2	3	2	-	3	3	3	-	1	1	1	18	68
Installation: COMMUNICATION, NAVIGATION AND SURVEILLANCE - AIR TRAFFIC MANAGEMENT (CNS-ATM) (OSIP 012-04)										Method of Implementation: Not Installed - Block 1										Installation Quantity: 65											
Installation: COMMUNICATION, NAVIGATION AND SURVEILLANCE - AIR TRAFFIC MANAGEMENT (CNS-ATM) (OSIP 012-04)										Method of Implementation: Not Installed - Block 2										Installation Quantity: 136											
Installation: COMMUNICATION, NAVIGATION AND SURVEILLANCE - AIR TRAFFIC MANAGEMENT (CNS-ATM) (OSIP 012-04)										Method of Implementation: Not Installed - Block 3										Installation Quantity: 112											
Installation: COMMUNICATION, NAVIGATION AND SURVEILLANCE - AIR TRAFFIC MANAGEMENT (CNS-ATM) (OSIP 012-04)										Method of Implementation: Not Installed - HF Radio Upgrade C-20A										Installation Quantity: 1											

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0562 - Cargo/Transport Acft Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): FEDERAL AVIATION ADMINISTRATION(FAA)REG SPECIAL FEDERAL AVIATION REGULATIONS (SFAR) 88 (OSIP 010-10) - 3

Models of Systems Affected: C-9B/C-40A C-9B/ C-40A C-9B/C-40A	Type Modification: SAFETY/RELIABILITY SAFETY/ RELIABILITY SAFETY/RELIABILITY	Related RDT&E PEs:
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	2.700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.700
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	2.700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.700
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	2.700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.700
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The 1996 TWA Flight 800 accident resulted in an extensive review of aircraft by an Aerospace Industries Association/Air Transport Association (AIA/ATA) safety team. Results of this review, in addition to other center wing tank explosions (1990 Philippine Airlines 737 and 2001 Thai Airlines 737) in which the ignition source could not be identified, precipitated new FAA requirements to preclude ignition sources in fuel tanks. SFAR 88 is a FAA requirement to ensure ignition sources are not present in or near fuel tanks and fuel lines.

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Exhibit P-3A, Individual Modification: PB 2013 Navy								Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0562 - Cargo/Transport Acft Series				Modification Nomenclature (<i>Modification Title, Modification Number</i>): FEDERAL AVIATION ADMINISTRATION(FAA)REG SPECIAL FEDERAL AVIATION REGULATIONS (SFAR) 88 (OSIP 010-10) - 3					
Models of Systems Affected: C-9B/C-40A C-9B/ C-40A C-9B/C-40A				Type Modification: SAFETY/RELIABILITY SAFETY/ RELIABILITY SAFETY/RELIABILITY				Related RDT&E PEs:					
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
FEDERAL AVIATION ADMINISTRATION(FAA)REG SPECIAL FEDERAL AVIATION REGULATIONS (SFAR) 88 (OSIP 010-10)													
A Kits													
Recurring													
1.1.1) SFAR 88 - Organic													
	52	1.750	-	-	-	-	-	-	-	-	-	-	
<i>Subtotal Recurring</i>		1.750		0.000		0.000		0.000		0.000		0.000	
B Kits													
Recurring													
2.1.1) SFAR 88 - Organic													
	28	0.950	-	-	-	-	-	-	-	-	-	-	
<i>Subtotal Recurring</i>		0.950		0.000		0.000		0.000		0.000		0.000	
<i>Total, FEDERAL AVIATION ADMINISTRATION(FAA)REG SPECIAL FEDERAL AVIATION REGULATIONS (SFAR) 88 (OSIP 010-10)</i>		80	2.700	-	-	-	-	-	-	-	-	-	
<i>Total, All Modifications</i>			2.700		0.000		0.000		0.000		0.000	0.000	
Support													
3.1) Engineering Change Orders													
	-	0.000	-	-	-	-	-	-	-	-	-	-	
3.2) Data													
	-	0.000	-	-	-	-	-	-	-	-	-	-	
3.3) Training Equipment													
	-	0.000	-	-	-	-	-	-	-	-	-	-	
3.4) Support Equipment													
	-	0.000	-	-	-	-	-	-	-	-	-	-	
3.5) ILS													
	-	0.000	-	-	-	-	-	-	-	-	-	-	
3.6) Other Support													
	-	0.000	-	-	-	-	-	-	-	-	-	-	
3.7) Interim Contractor Support													
	-	0.000	-	-	-	-	-	-	-	-	-	-	
<i>Total Support Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000	
<i>Procurement Cost (Procurement + Support)</i>		2.700		0.000		0.000		0.000		0.000		0.000	
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000	
Total Cost (Procurement + Support + Installation)		2.700		0.000		0.000		0.000		0.000		0.000	

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0562 - Cargo/Transport Acft Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): FEDERAL AVIATION ADMINISTRATION(FAA)REG SPECIAL FEDERAL AVIATION REGULATIONS (SFAR) 88 (OSIP 010-10) - 3

Models of Systems Affected: C-9B/C-40A C-9B/ C-40A C-9B/C-40A	Type Modification: SAFETY/RELIABILITY SAFETY/ RELIABILITY SAFETY/RELIABILITY	Related RDT&E PEs:
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
FEDERAL AVIATION ADMINISTRATION(FAA)REG SPECIAL FEDERAL AVIATION REGULATIONS (SFAR) 88 (OSIP 010-10)												
A Kits												
Recurring												
1.1.1) SFAR 88 - Organic	-	-	-	-	-	-	-	-	-	-	52	1.750
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		1.750
B Kits												
Recurring												
2.1.1) SFAR 88 - Organic	-	-	-	-	-	-	-	-	-	-	28	0.950
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		0.950
<i>Total, FEDERAL AVIATION ADMINISTRATION(FAA)REG SPECIAL FEDERAL AVIATION REGULATIONS (SFAR) 88 (OSIP 010-10)</i>	-	-	-	-	-	-	-	-	-	-	80	2.700
<i>Total, All Modifications</i>		0.000		0.000		0.000		0.000		0.000		2.700
Support												
3.1) Engineering Change Orders	-	-	-	-	-	-	-	-	-	-	-	-
3.2) Data	-	-	-	-	-	-	-	-	-	-	-	-
3.3) Training Equipment	-	-	-	-	-	-	-	-	-	-	-	-
3.4) Support Equipment	-	-	-	-	-	-	-	-	-	-	-	-
3.5) ILS	-	-	-	-	-	-	-	-	-	-	-	-
3.6) Other Support	-	-	-	-	-	-	-	-	-	-	-	-
3.7) Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
<i>Procurement Cost (Procurement + Support)</i>		0.000		0.000		0.000		0.000		0.000		2.700
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		0.000		0.000		0.000		0.000		0.000		2.700

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Exhibit P-3A, Individual Modification: PB 2013 Navy					Date: February 2012		
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1			P-1 Line Item Nomenclature: 0562 - Cargo/Transport Acft Series			Modification Nomenclature <i>(Modification Title, Modification Number):</i> FEDERAL AVIATION ADMINISTRATION(FAA)REG SPECIAL FEDERAL AVIATION REGULATIONS (SFAR) 88 (OSIP 010-10) - 3	
Models of Systems Affected: C-9B/C-40A C-9B/ C-40A C-9B/C-40A		Type Modification: SAFETY/RELIABILITY SAFETY/ RELIABILITY SAFETY/RELIABILITY			Related RDT&E PEs:		
Remarks:							
Manufacturer Information: FEDERAL AVIATION ADMINISTRATION(FAA)REG SPECIAL FEDERAL AVIATION REGULATIONS (SFAR) 88 (OSIP 010-10)							
Manufacturer Name: Manufacturer Name Not Provided.				Manufacturer Location: Manufacturer Location Not Provided.			
Administrative Leadtime <i>(in Months)</i> :				Production Leadtime <i>(in Months)</i> :			
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates							
Delivery Dates							
Installation: FEDERAL AVIATION ADMINISTRATION(FAA)REG SPECIAL FEDERAL AVIATION REGULATIONS (SFAR) 88 (OSIP 010-10)		Method of Implementation: Organic - SFAR 88			Installation Quantity: 52		
Installation: FEDERAL AVIATION ADMINISTRATION(FAA)REG SPECIAL FEDERAL AVIATION REGULATIONS (SFAR) 88 (OSIP 010-10)		Method of Implementation: Not Installed - SFAR 88			Installation Quantity: 28		

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0562 - Cargo/Transport Acft Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): C-20G AIRCRAFT SURVIVABILITY EQUIPMENT (ASE) (OSIP 023-12) - 4

Models of Systems Affected: C-20G C-20G	Type Modification: SAFETY/RELIABILITY	Related RDT&E PEs:
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	0.000	0.000	6.000	10.000	0.000	10.000	0.000	0.000	0.000	0.000	0.000	16.000
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	0.000	0.000	6.000	10.000	0.000	10.000	0.000	0.000	0.000	0.000	0.000	16.000
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	0.000	0.000	6.000	10.000	0.000	10.000	0.000	0.000	0.000	0.000	0.000	16.000

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

Southwest Asia Marine Expeditionary Force (MEF) Commanders lack longer range lift assets capable of operating in threat Surface To Air Missile (SAM) environments of Southwest Asia (i.e. Iraq, Afghanistan). As a consequence, limited high value medium lift logistic assets (KC-130s) capable of operating in threat SAM environments, are being tasked to perform transport of personnel and material movement requirements. To fill this C-20 requirement, the Marine C-20G is being modified with an Aircraft Survivability Equipment (ASE) system to provide relief to tactical assets that are better utilized in direct support to the warfighter. The intent is to procure an Infrared Countermeasure (IRCM) ASE commercial off the shelf system which is similar to systems already flying on Army and USAF C-37 and C-20 aircraft. ASE system installation for the C-20G will expand aircraft mission capability and better protect and support the Marine Air Ground Task Force (MAGTF) command element as it conducts Expeditionary Operations when deployed in support of Operation Enduring Freedom (OEF).

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Exhibit P-3A, Individual Modification: PB 2013 Navy								Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0562 - Cargo/Transport Acft Series				Modification Nomenclature (<i>Modification Title, Modification Number</i>): C-20G AIRCRAFT SURVIVABILITY EQUIPMENT (ASE) (OSIP 023-12) - 4					
Models of Systems Affected: C-20G C-20G				Type Modification: SAFETY/RELIABILITY				Related RDT&E PEs:					
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
C-20G AIRCRAFT SURVIVABILITY EQUIPMENT (ASE) (OSIP 023-12)													
A Kits													
Recurring													
1.1.1) C-20G ASE (OCO) - NonOrganic	-	-	-	-	1	1.000	-	-	-	-	-	-	
1.1.2) C-20G ASE - NonOrganic	-	-	-	-	-	-	1	1.000	-	-	1	1.000	
<i>Subtotal Recurring</i>		0.000		0.000		1.000		1.000		0.000		1.000	
NonRecurring													
1.2.1) Installation Kits N/R (OCO) - Organic	-	-	-	-	-	3.000	-	-	-	-	-	-	
1.2.2) Installation Kits N/R - Organic	-	-	-	-	-	-	-	7.000	-	-	-	7.000	
<i>Subtotal NonRecurring</i>		0.000		0.000		3.000		7.000		0.000		7.000	
B Kits													
Recurring													
2.1.1) C-20G ASE (OCO) - Organic	-	-	-	-	1	0.500	-	-	-	-	-	-	
2.1.2) C-20G ASE - Organic	-	-	-	-	-	-	1	0.500	-	-	1	0.500	
<i>Subtotal Recurring</i>		0.000		0.000		0.500		0.500		0.000		0.500	
<i>Total, C-20G AIRCRAFT SURVIVABILITY EQUIPMENT (ASE) (OSIP 023-12)</i>	-	-	-	-	2	4.500	2	8.500	-	-	2	8.500	
<i>Total, All Modifications</i>		0.000		0.000		4.500		8.500		0.000		8.500	
Support													
3.1) Engineering Change Orders	-	0.000	-	-	-	-	-	-	-	-	-	-	
3.2) Data	-	0.000	-	-	-	-	-	-	-	-	-	-	
3.3) Training Equipment	-	0.000	-	-	-	-	-	-	-	-	-	-	
3.4) Support Equipment	-	0.000	-	-	-	-	-	-	-	-	-	-	
3.5) ILS	-	0.000	-	-	-	-	-	-	-	-	-	-	
3.6) Other Support (OCO)	-	-	-	-	-	0.500	-	-	-	-	-	-	
3.7) Other Support	-	-	-	-	-	-	-	0.500	-	-	-	0.500	
3.8) Interim Contractor Support	-	0.000	-	-	-	-	-	-	-	-	-	-	

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0562 - Cargo/Transport Acft Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): C-20G AIRCRAFT SURVIVABILITY EQUIPMENT (ASE) (OSIP 023-12) - 4

Models of Systems Affected: C-20G C-20G	Type Modification: SAFETY/RELIABILITY	Related RDT&E PEs:										
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
<i>Total Support Cost</i>		0.000		0.000		0.500		0.500		0.000		0.500
<i>Procurement Cost (Procurement + Support)</i>		0.000		0.000		5.000		9.000		0.000		9.000
<i>Total Installation Cost</i>		0.000		0.000		1.000		1.000		0.000		1.000
Total Cost (Procurement + Support + Installation)		0.000		0.000		6.000		10.000		0.000		10.000

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
C-20G AIRCRAFT SURVIVABILITY EQUIPMENT (ASE) (OSIP 023-12)												
A Kits												
Recurring												
1.1.1) C-20G ASE (OCO) - NonOrganic	-	-	-	-	-	-	-	-	-	-	1	1.000
1.1.2) C-20G ASE - NonOrganic	-	-	-	-	-	-	-	-	-	-	1	1.000
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		2.000
NonRecurring												
1.2.1) Installation Kits N/R (OCO) - Organic	-	-	-	-	-	-	-	-	-	-	-	3.000
1.2.2) Installation Kits N/R - Organic	-	-	-	-	-	-	-	-	-	-	-	7.000
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		10.000
B Kits												
Recurring												
2.1.1) C-20G ASE (OCO) - Organic	-	-	-	-	-	-	-	-	-	-	1	0.500
2.1.2) C-20G ASE - Organic	-	-	-	-	-	-	-	-	-	-	1	0.500
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		1.000
<i>Total, C-20G AIRCRAFT SURVIVABILITY EQUIPMENT (ASE) (OSIP 023-12)</i>	-	-	-	-	-	-	-	-	-	-	4	13.000
<i>Total, All Modifications</i>		0.000		0.000		0.000		0.000		0.000		13.000
Support												
3.1) Engineering Change Orders	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0562 - Cargo/Transport Acft Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): C-20G AIRCRAFT SURVIVABILITY EQUIPMENT (ASE) (OSIP 023-12) - 4

Models of Systems Affected: C-20G C-20G	Type Modification: SAFETY/RELIABILITY	Related RDT&E PEs:
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
3.2) Data	-	-	-	-	-	-	-	-	-	-	-	-
3.3) Training Equipment	-	-	-	-	-	-	-	-	-	-	-	-
3.4) Support Equipment	-	-	-	-	-	-	-	-	-	-	-	-
3.5) ILS	-	-	-	-	-	-	-	-	-	-	-	-
3.6) Other Support (OCO)	-	-	-	-	-	-	-	-	-	-	-	0.500
3.7) Other Support	-	-	-	-	-	-	-	-	-	-	-	0.500
3.8) Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	-
Total Support Cost		0.000		0.000		0.000		0.000		0.000		1.000
Procurement Cost (Procurement + Support)		0.000		0.000		0.000		0.000		0.000		14.000
Total Installation Cost		0.000		0.000		0.000		0.000		0.000		2.000
Total Cost (Procurement + Support + Installation)		0.000		0.000		0.000		0.000		0.000		16.000

Remarks:

Manufacturer Information: C-20G AIRCRAFT SURVIVABILITY EQUIPMENT (ASE) (OSIP 023-12)

Manufacturer Name: TBD	Manufacturer Location: TBD
Administrative Leadtime (in Months): 7	Production Leadtime (in Months): 1

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates		Apr 2012	Apr 2013				
Delivery Dates		May 2012	May 2013				

Installation: C-20G AIRCRAFT SURVIVABILITY EQUIPMENT (ASE) (OSIP 023-12)	Method of Implementation: Contractor Depot	Installation Name: C-20G ASE A Kits
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	1	1.000	-	-	-	-	-	-

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0562 - Cargo/Transport Acft Series
		Modification Nomenclature (Modification Title, Modification Number): C-20G AIRCRAFT SURVIVABILITY EQUIPMENT (ASE) (OSIP 023-12) - 4

Models of Systems Affected: C-20G C-20G	Type Modification: SAFETY/RELIABILITY	Related RDT&E PEs:
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Installation: C-20G AIRCRAFT SURVIVABILITY EQUIPMENT (ASE) (OSIP 023-12)	Method of Implementation: Contractor Depot	Installation Name: C-20G ASE A Kits
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
FY 2013	-	-	-	-	-	-	1	1.000	0	0.000	1	1.000
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	1	1.000	1	1.000	0	0.000	1	1.000

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	1	1.000
FY 2013	-	-	-	-	-	-	-	-	-	-	1	1.000
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	2	2.000

Installation Schedule																														
APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	-	-	-	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
Out	-	-	-	-	-	-	-	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0562 - Cargo/Transport Acft Series	Modification Nomenclature <i>(Modification Title, Modification Number):</i> C-20G AIRCRAFT SURVIVABILITY EQUIPMENT (ASE) (OSIP 023-12) - 4
Models of Systems Affected: C-20G C-20G	Type Modification: SAFETY/RELIABILITY	Related RDT&E PEs:
Installation: C-20G AIRCRAFT SURVIVABILITY EQUIPMENT (ASE) (OSIP 023-12)	Method of Implementation: Not Installed - C-20G ASE (OCO)	Installation Quantity: 1
Installation: C-20G AIRCRAFT SURVIVABILITY EQUIPMENT (ASE) (OSIP 023-12)	Method of Implementation: Not Installed - C-20G ASE	Installation Quantity: 1

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0562 - Cargo/Transport Acft Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): UC-35D AIRCRAFT SURVIVABILITY EQUIPMENT (ASE) (OSIP 024-12) - 5

Models of Systems Affected: UC-35D	Type Modification: SAFETY/RELIABILITY	Related RDT&E PEs:
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	0.000	0.000	3.900	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.900
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	0.000	0.000	3.900	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.900
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	0.000	0.000	3.900	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.900

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

Southwest Asia Marine Expeditionary Force (MEF) Commanders lack light Operational Support Aircraft (OSA) lift assets capable of operating in threat Surface To Air Missile (SAM) environments of Southwest Asia (i.e. Iraq, Afghanistan). As a consequence, limited high value medium lift logistic assets (KC-130s) capable of operating in threat SAM environments, are being tasked to perform light OSA personnel and material movement requirements. To fill this OSA requirement, the UC-35D is being modified with an Aircraft Survivability Equipment (ASE) system to provide relief to tactical assets that are better utilized in direct support to the warfighter. The ASE system consists of an AN/AAR-57 Missile Warning Receiver system with four missile electronic sensors and an AN/ALE-47 Countermeasure Dispensers System with two dispensers. This requirement was validated in the Marine Requirement Oversight Council Decision Memorandum (MROCDM) UC-35D ASE Urgent Universal Needs Statement (UUNS) 05081UA (7-22-2005) and endorsed by Headquarters Marine Corp Deputy Commander for Aviation (HQMC/DC(A)) in letter APP-34/3900, dated Jul 3, 2007. Three of seven Marine UC-35D aircraft have already been modified with an ASE system. This OSIP upgrades the remaining UC-35D aircraft with the same ASE A-Kit configuration.

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Exhibit P-3A, Individual Modification: PB 2013 Navy										Date: February 2012				
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1					P-1 Line Item Nomenclature: 0562 - Cargo/Transport Acft Series					Modification Nomenclature (<i>Modification Title, Modification Number</i>): UC-35D AIRCRAFT SURVIVABILITY EQUIPMENT (ASE) (OSIP 024-12) - 5				
Models of Systems Affected: UC-35D				Type Modification: SAFETY/RELIABILITY						Related RDT&E PEs:				
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total			
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)		
Procurement														
UC-35D AIRCRAFT SURVIVABILITY EQUIPMENT (ASE) (OSIP 024-12)														
A Kits														
Recurring														
1.1.1) UC-35D ASE (OCO) - NonOrganic														
	-	-	-	-	4	1.420	-	-	-	-	-	-		
<i>Subtotal Recurring</i>		0.000	0.000			1.420	0.000	0.000			0.000	0.000		
<i>Total, UC-35D AIRCRAFT SURVIVABILITY EQUIPMENT (ASE) (OSIP 024-12)</i>		-	-	-	-	4	1.420	-	-	-	-	-		
<i>Total, All Modifications</i>		0.000	0.000			1.420	0.000	0.000			0.000	0.000		
Support														
3.1) Engineering Change Orders														
	-	0.000	-	-	-	-	-	-	-	-	-	-		
3.2) Data														
	-	0.000	-	-	-	-	-	-	-	-	-	-		
3.3) Training Equipment														
	-	0.000	-	-	-	-	-	-	-	-	-	-		
3.4) Support Equipment														
	-	0.000	-	-	-	-	-	-	-	-	-	-		
3.5) ILS														
	-	0.000	-	-	-	-	-	-	-	-	-	-		
3.6) Other Support														
	-	0.000	-	-	-	-	-	-	-	-	-	-		
3.7) Interim Contractor Support														
	-	0.000	-	-	-	-	-	-	-	-	-	-		
<i>Total Support Cost</i>		0.000	0.000			0.000	0.000	0.000			0.000	0.000		
<i>Procurement Cost (Procurement + Support)</i>		0.000	0.000			1.420	0.000	0.000			0.000	0.000		
<i>Total Installation Cost</i>		0.000	0.000			2.480	0.000	0.000			0.000	0.000		
Total Cost (Procurement + Support + Installation)		0.000	0.000			3.900	0.000	0.000			0.000	0.000		
Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total			
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)		
Procurement														
UC-35D AIRCRAFT SURVIVABILITY EQUIPMENT (ASE) (OSIP 024-12)														
A Kits														
Recurring														

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0562 - Cargo/Transport Acft Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): UC-35D AIRCRAFT SURVIVABILITY EQUIPMENT (ASE) (OSIP 024-12) - 5

Models of Systems Affected: UC-35D		Type Modification: SAFETY/RELIABILITY				Related RDT&E PEs:						
Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
1.1.1) UC-35D ASE (OCO) - NonOrganic	-	-	-	-	-	-	-	-	-	-	4	1.420
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		1.420
<i>Total, UC-35D AIRCRAFT SURVIVABILITY EQUIPMENT (ASE) (OSIP 024-12)</i>	-	-	-	-	-	-	-	-	-	-	4	1.420
<i>Total, All Modifications</i>		0.000		0.000		0.000		0.000		0.000		1.420
Support												
3.1) Engineering Change Orders	-	-	-	-	-	-	-	-	-	-	-	-
3.2) Data	-	-	-	-	-	-	-	-	-	-	-	-
3.3) Training Equipment	-	-	-	-	-	-	-	-	-	-	-	-
3.4) Support Equipment	-	-	-	-	-	-	-	-	-	-	-	-
3.5) ILS	-	-	-	-	-	-	-	-	-	-	-	-
3.6) Other Support	-	-	-	-	-	-	-	-	-	-	-	-
3.7) Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
<i>Procurement Cost (Procurement + Support)</i>		0.000		0.000		0.000		0.000		0.000		1.420
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		2.480
Total Cost (Procurement + Support + Installation)		0.000		0.000		0.000		0.000		0.000		3.900

Remarks:							
Manufacturer Information: UC-35D AIRCRAFT SURVIVABILITY EQUIPMENT (ASE) (OSIP 024-12)							
Manufacturer Name: TBD				Manufacturer Location: TBD			
Administrative Leadtime (in Months): 7				Production Leadtime (in Months): 1			
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates		Apr 2012					
Delivery Dates		May 2012					

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0562 - Cargo/Transport Acft Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): UC-35D AIRCRAFT SURVIVABILITY EQUIPMENT (ASE) (OSIP 024-12) - 5

Models of Systems Affected: UC-35D	Type Modification: SAFETY/RELIABILITY	Related RDT&E PEs:
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Installation: UC-35D AIRCRAFT SURVIVABILITY EQUIPMENT (ASE) (OSIP 024-12)	Method of Implementation: Contractor Depot	Installation Name: UC-35D ASE (OCO)
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	4	2.480	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	4	2.480	-	-	-	-	-	-

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	4	2.480
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	4	2.480

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0562 - Cargo/Transport Acft Series	Modification Nomenclature <i>(Modification Title, Modification Number):</i> UC-35D AIRCRAFT SURVIVABILITY EQUIPMENT (ASE) (OSIP 024-12) - 5

Models of Systems Affected: UC-35D	Type Modification: SAFETY/RELIABILITY	Related RDT&E PEs:
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Installation: UC-35D AIRCRAFT SURVIVABILITY EQUIPMENT (ASE) (OSIP 024-12)	Method of Implementation: Contractor Depot	Installation Name: UC-35D ASE (OCO)
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Installation Schedule																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4		
Out	-	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4		

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0562 - Cargo/Transport Acft Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): UC-12W CAPABILITY IMPROVEMENTS (OSIP 025-12) - 6

Models of Systems Affected: UC-12W	Type Modification: SAFETY/RELIABILITY	Related RDT&E PEs:
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	0.000	0.000	8.380	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.380
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	0.000	0.000	8.380	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.380
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	0.000	0.000	8.380	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.380

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

Southwest Asia Marine Expeditionary Force (MEF) Commanders lack light Operational Support Aircraft (OSA) lift assets capable of operating in threat Surface To Air Missile (SAM) environments of Southwest Asia (i.e. Iraq, Afghanistan). As a consequence, limited high value medium lift logistic assets (KC-130s) capable of operating in threat SAM environments, are being tasked to perform light OSA personnel and material movement requirements. To fill this OSA requirement, the UC-12W is being modified in order to provide relief to tactical assets that are better utilized in direct support to the warfighter. A NAVAIR PMA272 study determined the current Aircraft Survivability Equipment (ASE) system on the UC-12W is less effective against the advance Infrared (IR) missile threats now being deployed. Additionally, the limited range of the UC-12W limits the ability of the aircraft to fully support mission requirements of the MEF commander. This OSIP upgrades UC-12W aircraft with an additional ALE-47 Forward Firing Dispenser and Extended Range (ER) Tanks. The additional ALE-47 dispenser will increase the effectiveness of the ASE system against the advanced threats being deployed, allowing the UC-12W to safely support OIF operations in more areas currently requiring the use of high value tactical assets. The addition of the Extended Range Tanks increases the effective range of the UC-12W by 33% to 2,300 nm greatly increasing its ability to support OSA missions over a larger area than currently planned.

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Exhibit P-3A, Individual Modification: PB 2013 Navy								Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0562 - Cargo/Transport Acft Series				Modification Nomenclature (<i>Modification Title, Modification Number</i>): UC-12W CAPABILITY IMPROVEMENTS (OSIP 025-12) - 6					
Models of Systems Affected: UC-12W				Type Modification: SAFETY/RELIABILITY				Related RDT&E PEs:					
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
UC-12W CAPABILITY IMPROVEMENTS (OSIP 025-12)													
A Kits													
Recurring													
1.1.1) ALE-47 Dispensers (OCO) - NonOrganic	-	-	-	-	6	1.000	-	-	-	-	-	-	
1.1.2) Extended Range Tanks (OCO) - NonOrganic	-	-	-	-	3	3.000	-	-	-	-	-	-	
<i>Subtotal Recurring</i>		0.000		0.000		4.000		0.000		0.000		0.000	
NonRecurring													
1.2.1) Installation Kits N/R (OCO) - Organic	-	-	-	-	-	1.200	-	-	-	-	-	-	
<i>Subtotal NonRecurring</i>		0.000		0.000		1.200		0.000		0.000		0.000	
B Kits													
Recurring													
2.1.1) ALE-47 Dispensers (OCO) - Organic	-	-	-	-	6	0.500	-	-	-	-	-	-	
<i>Subtotal Recurring</i>		0.000		0.000		0.500		0.000		0.000		0.000	
<i>Total, UC-12W CAPABILITY IMPROVEMENTS (OSIP 025-12)</i>	-	-	-	-	15	5.700	-	-	-	-	-	-	
<i>Total, All Modifications</i>		0.000		0.000		5.700		0.000		0.000		0.000	
Support													
3.1) Engineering Change Orders	-	0.000	-	-	-	-	-	-	-	-	-	-	
3.2) Data	-	0.000	-	-	-	-	-	-	-	-	-	-	
3.3) Training Equipment	-	0.000	-	-	-	-	-	-	-	-	-	-	
3.4) Support Equipment	-	0.000	-	-	-	-	-	-	-	-	-	-	
3.5) ILS	-	0.000	-	-	-	-	-	-	-	-	-	-	
3.6) Other Support (OCO)	-	-	-	-	-	2.230	-	-	-	-	-	-	
3.7) Interim Contractor Support	-	0.000	-	-	-	-	-	-	-	-	-	-	
<i>Total Support Cost</i>		0.000		0.000		2.230		0.000		0.000		0.000	
<i>Procurement Cost (Procurement + Support)</i>		0.000		0.000		7.930		0.000		0.000		0.000	
<i>Total Installation Cost</i>		0.000		0.000		0.450		0.000		0.000		0.000	
Total Cost (Procurement + Support + Installation)		0.000		0.000		8.380		0.000		0.000		0.000	

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Exhibit P-3A, Individual Modification: PB 2013 Navy									Date: February 2012				
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0562 - Cargo/Transport Acft Series					Modification Nomenclature (<i>Modification Title, Modification Number</i>): UC-12W CAPABILITY IMPROVEMENTS (OSIP 025-12) - 6				
Models of Systems Affected: UC-12W				Type Modification: SAFETY/RELIABILITY					Related RDT&E PEs:				
Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
UC-12W CAPABILITY IMPROVEMENTS (OSIP 025-12)													
A Kits													
Recurring													
1.1.1) ALE-47 Dispensers (OCO) - NonOrganic	-	-	-	-	-	-	-	-	-	-	6	1.000	
1.1.2) Extended Range Tanks (OCO) - NonOrganic	-	-	-	-	-	-	-	-	-	-	3	3.000	
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		4.000	
NonRecurring													
1.2.1) Installation Kits N/R (OCO) - Organic	-	-	-	-	-	-	-	-	-	-	-	1.200	
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		1.200	
B Kits													
Recurring													
2.1.1) ALE-47 Dispensers (OCO) - Organic	-	-	-	-	-	-	-	-	-	-	6	0.500	
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		0.500	
<i>Total, UC-12W CAPABILITY IMPROVEMENTS (OSIP 025-12)</i>	-	-	-	-	-	-	-	-	-	-	15	5.700	
<i>Total, All Modifications</i>		0.000		0.000		0.000		0.000		0.000		5.700	
Support													
3.1) Engineering Change Orders	-	-	-	-	-	-	-	-	-	-	-	-	
3.2) Data	-	-	-	-	-	-	-	-	-	-	-	-	
3.3) Training Equipment	-	-	-	-	-	-	-	-	-	-	-	-	
3.4) Support Equipment	-	-	-	-	-	-	-	-	-	-	-	-	
3.5) ILS	-	-	-	-	-	-	-	-	-	-	-	-	
3.6) Other Support (OCO)	-	-	-	-	-	-	-	-	-	-	-	2.230	
3.7) Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	-	
<i>Total Support Cost</i>		0.000		0.000		0.000		0.000		0.000		2.230	
<i>Procurement Cost (Procurement + Support)</i>		0.000		0.000		0.000		0.000		0.000		7.930	
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.450	
Total Cost (Procurement + Support + Installation)		0.000		0.000		0.000		0.000		0.000		8.380	

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0562 - Cargo/Transport Acft Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): UC-12W CAPABILITY IMPROVEMENTS (OSIP 025-12) - 6

Models of Systems Affected: UC-12W	Type Modification: SAFETY/RELIABILITY	Related RDT&E PEs:
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Remarks:

Manufacturer Information: UC-12W CAPABILITY IMPROVEMENTS (OSIP 025-12)

Manufacturer Name: TBD	Manufacturer Location: TBD
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Administrative Leadtime (<i>in Months</i>): 3	Production Leadtime (<i>in Months</i>): 1
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Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates		Dec 2011					
Delivery Dates		Jan 2012					

Installation: UC-12W CAPABILITY IMPROVEMENTS (OSIP 025-12)	Method of Implementation: Contractor Depot	Installation Name: UC-12W A Kits
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	9	0.450	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	9	0.450	-	-	-	-	-	-

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	9	0.450
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0562 - Cargo/Transport Acft Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): UC-12W CAPABILITY IMPROVEMENTS (OSIP 025-12) - 6

Models of Systems Affected: UC-12W	Type Modification: SAFETY/RELIABILITY	Related RDT&E PEs:
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Installation: UC-12W CAPABILITY IMPROVEMENTS (OSIP 025-12)	Method of Implementation: Contractor Depot	Installation Name: UC-12W A Kits
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Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	9	0.450

Installation Schedule																															
APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot	
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4			
In	-	-	-	-	-	3	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9
Out	-	-	-	-	-	3	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9

Installation: UC-12W CAPABILITY IMPROVEMENTS (OSIP 025-12)	Method of Implementation: Not Installed - ALE-47 Dispensers (OCO)	Installation Quantity: 6
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UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy							Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0562 - Cargo/Transport Acft Series				Modification Nomenclature (<i>Modification Title, Modification Number</i>): Inactive OSIPs - 7				

Models of Systems Affected: [No Model Specified] **Type Modification:** [No Modification Type Specified] **Related RDT&E PEs:**

Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	54.748	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	54.748
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	54.748	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	54.748
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	54.748	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	54.748

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

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Exhibit P-3A, Individual Modification: PB 2013 Navy										Date: February 2012				
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1					P-1 Line Item Nomenclature: 0562 - Cargo/Transport Acft Series					Modification Nomenclature (<i>Modification Title, Modification Number</i>): Inactive OSIPs - 7				
Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]					Related RDT&E PEs:						
Financial Plan			Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
			<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>
Procurement														
[Missing Data - No Procurement Cost Elements Entered Yet]														
B Kits														
Recurring														
[Missing Data - No Procurement Cost Elements Entered Yet]			-	-	0	0.000	-	-	-	-	-	-	-	-
<i>Subtotal Recurring</i>				0.000		0.000		0.000		0.000		0.000		0.000
<i>Total, [Missing Data - No Procurement Cost Elements Entered Yet]</i>			-	-	0	0.000	-	-	-	-	-	-	-	-
<i>Total, All Modifications</i>				0.000		0.000		0.000		0.000		0.000		0.000
Support														
3.1) Inactive OSIPs			-	54.748	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>				54.748		0.000		0.000		0.000		0.000		0.000
<i>Procurement Cost (Procurement + Support)</i>				54.748		0.000		0.000		0.000		0.000		0.000
<i>Total Installation Cost</i>				0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)				54.748		0.000		0.000		0.000		0.000		0.000
Financial Plan			FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
			<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>
Procurement														
[Missing Data - No Procurement Cost Elements Entered Yet]														
B Kits														
Recurring														
[Missing Data - No Procurement Cost Elements Entered Yet]			-	-	-	-	-	-	-	-	-	-	0	0.000
<i>Subtotal Recurring</i>				0.000		0.000		0.000		0.000		0.000		0.000
<i>Total, [Missing Data - No Procurement Cost Elements Entered Yet]</i>			-	-	-	-	-	-	-	-	-	-	0	0.000
<i>Total, All Modifications</i>				0.000		0.000		0.000		0.000		0.000		0.000
Support														
3.1) Inactive OSIPs			-	-	-	-	-	-	-	-	-	-	-	54.748
<i>Total Support Cost</i>				0.000		0.000		0.000		0.000		0.000		54.748

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0562 - Cargo/Transport Acft Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Inactive OSIPs - 7

Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs:										
Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>
<i>Procurement Cost (Procurement + Support)</i>		0.000		0.000		0.000		0.000		0.000		54.748
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		0.000		0.000		0.000		0.000		0.000		54.748

Remarks:

Manufacturer Information: [Missing Data - No Procurement Cost Elements Entered Yet]

Manufacturer Name: [Missing Data - No Procurement Cost Elements Entered Yet]				Manufacturer Location: [Missing Data - No Procurement Cost Elements Entered Yet]			
Administrative Leadtime (<i>in Months</i>):				Production Leadtime (<i>in Months</i>):			
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates							
Delivery Dates							

Installation: [Missing Data - No Procurement Cost Elements Entered Yet]	Method of Implementation: [Missing Data - No Procurement Cost Elements Entered Yet]	Installation Quantity: 0
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Exhibit P-40, Budget Item Justification Sheet: PB 2013 Navy **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity:
1506N : Aircraft Procurement, Navy / BA 5 : Modification of Aircraft / BSA 1 :
Modification Of Aircraft

P-1 Line Item Nomenclature:
0564 - E-6 Series

ID Code (A=Service Ready, B=Not Service Ready) : A **Program Elements for Code B Items:** **Other Related Program Elements:**

Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	351.463	128.895	148.053	158.332	-	158.332	190.011	216.225	201.178	204.704	270.319	1,869.180
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	351.463	128.895	148.053	158.332	-	158.332	190.011	216.225	201.178	204.704	270.319	1,869.180
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	351.463	128.895	148.053	158.332	-	158.332	190.011	216.225	201.178	204.704	270.319	1,869.180

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

This line item funds modifications to E-6 "Take Charge and Move Out", TACAMO aircraft. All sixteen (16) aircraft in the TACAMO fleet will receive each modification. The E-6 TACAMO is a manned airborne communications relay platform designed to provide a survivable, reliable, endurable airborne Command and Control Communications link between the President, Secretary of Defense and U.S. strategic and non-strategic forces. E-6 Mission Support (OSIP 007-02) will replace the current DoD Common Global Positioning System with the Secure Global Positioning System (GPS) due to obsolescence. Safety Deficiencies (OSIP 008-02) addresses emerging safety issues which are vetted and prioritized through the E-6B System Safety Working Group. Tech Insertion (OSIP 003-04) addresses obsolescence, supportability, new technologies, systems updates and interoperability issues in the areas of the existing avionics hardware and software. Tech Insertion also funds programs to reduce aircraft weight to meet weight margins for planned modifications. Communications (IP/T3) Upgrade (OSIP 012-07) increases communications bandwidth to support battlestaff command and control and first responder operations. Service Life Extension Program (SLEP) (OSIP 003-07) is designed to extend the service life of the E-6B aircraft to 2040+, to include installation of the Crash Survivable Flight Incident Recorder (CSFIR) Phase 2. E-6 Block I (OSIP 008-10) installs an Open System Architecture (OSA) that will allow low cost modifications for emerging requirements, updates the Internal Communications System (ICS); replaces the Mission Computer Set with the Mission Avionics Processor System (MAPS); adds operator work stations; replaces the UHF C3 modem and addresses cooling and electrical power system requirements to meet updated equipment demands. Block I Technology Refresh addresses obsolescence, supportability, new technologies, systems updates and interoperability issues in Block I's commercial-of-the-shelf hardware and software. Block II (OSIP 013-10) installs the Multi-Role Tactical Common Data Link (MR-TCDL) to provide T3 bandwidth (44 Mb/s) to interoperate with USSTRATCOM's migration to a distributed National C2 system. Block II separately replaces obsolete MILSTAR terminals with Advanced Extremely High Frequency (AEHF) Family of Advanced Beyond-Line-of-Sight Terminals (FAB-T) to include Presidential and National Voice Conferencing (PNVC). Block Recapture (OSIP 002-12) installs a new Auxiliary Power Unit (APU) to meet mission requirements and replaces the VLF Transmit Terminal and High Power Transmit Set (HPTS) subsystem due to obsolescence.

Item Schedule		Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total			
Item Nomenclature*	Exhibits	ID CD	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
E-6 Mission Support (OSIP 007-02) - 1	P3A		-	-	13.282	-	-	0.000	-	-	1.030	-	-	1.080	-	-	0.000	-	-	1.080

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Exhibit P-40, Budget Item Justification Sheet: PB 2013 Navy **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 1506N : Aircraft Procurement, Navy / BA 5 : Modification of Aircraft / BSA 1 : Modification Of Aircraft	P-1 Line Item Nomenclature: 0564 - E-6 Series
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ID Code (A=Service Ready, B=Not Service Ready) : A **Program Elements for Code B Items:** **Other Related Program Elements:**

Item Schedule		ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Safety Deficiencies (OSIP 008-02) - 2	P3A		-	-	65.452	-	-	3.120	-	-	3.383	-	-	2.696	-	-	0.000	-	-	2.696
Tech Insertion (OSIP 003-04) - 3	P3A		-	-	56.707	-	-	19.194	-	-	23.954	-	-	20.915	-	-	0.000	-	-	20.915
SLEP (OSIP 003-07) - 4	P3A		-	-	29.381	-	-	15.250	-	-	12.030	-	-	25.324	-	-	0.000	-	-	25.324
COMMUNICATIONS (IP/T3) UPGRADE (OSIP 012-07) - 5	P3A		-	-	137.503	-	-	11.979	-	-	19.956	-	-	13.046	-	-	0.000	-	-	13.046
E-6 MISSION DEFICIENCIES IMPROVEMENTS (BLOCK I) (OSIP 008-10) - 6	P3A		-	-	41.044	-	-	79.352	-	-	71.043	-	-	44.516	-	-	0.000	-	-	44.516
BLOCK II (OSIP 013-10) - 7	P3A		-	-	8.094	-	-	0.000	-	-	13.013	-	-	35.639	-	-	0.000	-	-	35.639
BLOCK RECAPTURE (OSIP 002-12) - 8	P3A		-	-	0.000	-	-	0.000	-	-	3.644	-	-	15.116	-	-	0.000	-	-	15.116
Total Gross/Weapon System Cost					351.463			128.895			148.053			158.332			-			158.332

		ID CD	FY 2014			FY 2015			FY 2016			FY 2017			To Complete			Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
E-6 Mission Support (OSIP 007-02) - 1	P3A		-	-	2.339	-	-	7.628	-	-	1.380	-	-	0.000	-	-	0.000	-	-	26.739
Safety Deficiencies (OSIP 008-02) - 2	P3A		-	-	2.299	-	-	2.357	-	-	2.393	-	-	2.421	-	-	8.016	-	-	92.137
Tech Insertion (OSIP 003-04) - 3	P3A		-	-	12.198	-	-	17.003	-	-	11.380	-	-	17.154	-	-	101.605	-	-	280.110
SLEP (OSIP 003-07) - 4	P3A		-	-	17.024	-	-	24.457	-	-	23.873	-	-	10.237	-	-	43.559	-	-	201.135
COMMUNICATIONS (IP/T3) UPGRADE (OSIP 012-07) - 5	P3A		-	-	19.244	-	-	17.546	-	-	17.980	-	-	18.591	-	-	12.792	-	-	268.637
E-6 MISSION DEFICIENCIES IMPROVEMENTS (BLOCK I) (OSIP 008-10) - 6	P3A		-	-	62.462	-	-	59.093	-	-	51.830	-	-	54.424	-	-	28.358	-	-	492.122
BLOCK II (OSIP 013-10) - 7	P3A		-	-	55.468	-	-	63.898	-	-	70.910	-	-	73.172	-	-	57.486	-	-	377.680
BLOCK RECAPTURE (OSIP 002-12) - 8	P3A		-	-	18.977	-	-	24.243	-	-	21.432	-	-	28.705	-	-	18.503	-	-	130.620
Total Gross/Weapon System Cost					190.011			216.225			201.178			204.704			270.319			1,869.180

*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.

Justification:

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy							Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0564 - E-6 Series				Modification Nomenclature (<i>Modification Title, Modification Number</i>): E-6 Mission Support (OSIP 007-02) - 1				

Models of Systems Affected: E-6 SERIES E-6 Series **Type Modification:** E-6 Mission Support OSIP (007-02) **Related RDT&E PEs:**

Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	13.282	0.000	1.030	1.080	0.000	1.080	2.339	7.628	1.380	0.000	0.000	26.739
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	13.282	0.000	1.030	1.080	0.000	1.080	2.339	7.628	1.380	0.000	0.000	26.739
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	13.282	0.000	1.030	1.080	0.000	1.080	2.339	7.628	1.380	0.000	0.000	26.739

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

DESCRIPTION/JUSTIFICATION: The Mission Support program addresses Aircraft Systems supportability, obsolescence and system update issues. The DoD Common Global Positioning System (GPS) receiver will be replaced due to obsolescence.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: GPS receiver NRE FY14 and FY15 with purchase of 1 NRE and 15 production aircraft kits in FY15 with installations in FY15.

NOTE: Other Support is predominantly government labor.

NOTE FOR INSTALLATION SCHEDULE: Does not include quantities for 3 trainers and 1 lab.

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Exhibit P-3A, Individual Modification: PB 2013 Navy								Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0564 - E-6 Series				Modification Nomenclature (<i>Modification Title, Modification Number</i>): E-6 Mission Support (OSIP 007-02) - 1					
Models of Systems Affected: E-6 SERIES E-6 Series			Type Modification: E-6 Mission Support OSIP (007-02)				Related RDT&E PEs:						
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
E-6 Mission Support (OSIP 007-02)													
A Kits													
Recurring													
1.1.1) GPS Receiver Kit - NonOrganic													
	-	-	-	-	-	-	-	-	-	-	-	-	
1.1.2) Lab Kit - Organic													
	-	-	-	-	-	-	-	-	-	-	-	-	
<i>Subtotal Recurring</i>													
		0.000		0.000		0.000		0.000		0.000		0.000	
NonRecurring													
1.2.1) Installation Kits N/R - NonOrganic													
	-	-	-	-	-	-	-	-	-	-	-	-	
<i>Subtotal NonRecurring</i>													
		0.000		0.000		0.000		0.000		0.000		0.000	
B Kits													
Recurring													
2.1.1) GPS Receiver Equipment - Organic													
	-	-	-	-	-	-	-	-	-	-	-	-	
2.1.2) Lab Equipment - Organic													
	-	-	-	-	-	-	-	-	-	-	-	-	
<i>Subtotal Recurring</i>													
		0.000		0.000		0.000		0.000		0.000		0.000	
<i>Total, E-6 Mission Support (OSIP 007-02)</i>													
	-	-	-	-	-	-	-	-	-	-	-	-	
<i>Total, All Modifications</i>													
		0.000		0.000		0.000		0.000		0.000		0.000	
Support													
3.1) Engineering Change Orders													
	-	0.000	-	-	-	-	-	-	-	-	-	-	
3.2) Data													
	-	0.003	-	-	-	-	-	-	-	-	-	-	
3.3) Training Equipment													
	-	-	-	-	-	-	-	-	-	-	-	-	
3.4) Support Equipment													
	27	11.943	-	-	-	-	-	-	-	-	-	-	
3.5) ILS													
	-	-	-	-	-	-	-	-	-	-	-	-	
3.6) Other Support													
	-	1.336	-	-	-	1.030	-	1.080	-	-	-	1.080	
3.7) Interim Contractor Support													
	-	0.000	-	-	-	-	-	-	-	-	-	-	
<i>Total Support Cost</i>													
		13.282		0.000		1.030		1.080		0.000		1.080	
<i>Procurement Cost (Procurement + Support)</i>													
		13.282		0.000		1.030		1.080		0.000		1.080	
<i>Total Installation Cost</i>													
		0.000		0.000		0.000		0.000		0.000		0.000	
Total Cost (Procurement + Support + Installation)													
		13.282		0.000		1.030		1.080		0.000		1.080	

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Exhibit P-3A, Individual Modification: PB 2013 Navy									Date: February 2012				
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0564 - E-6 Series					Modification Nomenclature (<i>Modification Title, Modification Number</i>): E-6 Mission Support (OSIP 007-02) - 1				
Models of Systems Affected: E-6 SERIES E-6 Series			Type Modification: E-6 Mission Support OSIP (007-02)				Related RDT&E PEs:						
Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
E-6 Mission Support (OSIP 007-02)													
A Kits													
Recurring													
1.1.1) GPS Receiver Kit - NonOrganic	-	-	16	0.495	-	-	-	-	-	-	16	0.495	
1.1.2) Lab Kit - Organic	-	-	1	0.031	-	-	-	-	-	-	1	0.031	
<i>Subtotal Recurring</i>		0.000		0.526		0.000		0.000		0.000		0.526	
NonRecurring													
1.2.1) Installation Kits N/R - NonOrganic	-	0.663	-	0.803	-	-	-	-	-	-	-	1.466	
<i>Subtotal NonRecurring</i>		0.663		0.803		0.000		0.000		0.000		1.466	
B Kits													
Recurring													
2.1.1) GPS Receiver Equipment - Organic	-	-	16	2.568	-	-	-	-	-	-	16	2.568	
2.1.2) Lab Equipment - Organic	-	-	1	0.186	-	-	-	-	-	-	1	0.186	
<i>Subtotal Recurring</i>		0.000		2.754		0.000		0.000		0.000		2.754	
<i>Total, E-6 Mission Support (OSIP 007-02)</i>	-	0.663	34	4.083	-	-	-	-	-	-	34	4.746	
<i>Total, All Modifications</i>		0.663		4.083		0.000		0.000		0.000		4.746	
Support													
3.1) Engineering Change Orders	-	-	-	-	-	-	-	-	-	-	-	-	
3.2) Data	-	0.025	-	0.107	-	-	-	-	-	-	-	0.135	
3.3) Training Equipment	-	0.091	3	0.844	-	-	-	-	-	-	3	0.935	
3.4) Support Equipment	-	-	-	-	-	-	-	-	-	-	27	11.943	
3.5) ILS	-	0.093	-	0.107	-	-	-	-	-	-	-	0.200	
3.6) Other Support	-	1.467	-	2.359	-	1.380	-	-	-	-	-	8.652	
3.7) Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	-	
<i>Total Support Cost</i>		1.676		3.417		1.380		0.000		0.000		21.865	
<i>Procurement Cost (Procurement + Support)</i>		2.339		7.500		1.380		0.000		0.000		26.611	
<i>Total Installation Cost</i>		0.000		0.128		0.000		0.000		0.000		0.128	
Total Cost (Procurement + Support + Installation)		2.339		7.628		1.380		0.000		0.000		26.739	

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0564 - E-6 Series
		Modification Nomenclature (<i>Modification Title, Modification Number</i>): E-6 Mission Support (OSIP 007-02) - 1

Models of Systems Affected: E-6 SERIES E-6 Series	Type Modification: E-6 Mission Support OSIP (007-02)	Related RDT&E PEs:
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Remarks:

Manufacturer Information: E-6 Mission Support (OSIP 007-02)

Manufacturer Name: New MFG - TBD	Manufacturer Location: New MFG - TBD
Administrative Leadtime (<i>in Months</i>): 0	Production Leadtime (<i>in Months</i>): 0

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates							
Delivery Dates							

Installation: E-6 Mission Support (OSIP 007-02) **Method of Implementation:** Contractor Field Modification **Installation Name:** GPS Receiver Kit

Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	-	-

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	16	0.128	-	-	-	-	-	-	16	0.128

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0564 - E-6 Series
		Modification Nomenclature (<i>Modification Title, Modification Number</i>): E-6 Mission Support (OSIP 007-02) - 1

Models of Systems Affected: E-6 SERIES E-6 Series	Type Modification: E-6 Mission Support OSIP (007-02)	Related RDT&E PEs:
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Installation: E-6 Mission Support (OSIP 007-02)	Method of Implementation: Contractor Field Modification	Installation Name: GPS Receiver Kit
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Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	16	0.128	-	-	-	-	-	-	16	0.128

Installation Schedule																																		
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot			
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4					
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	4	4	4	-	-	-	-	-	-	-	-	-	-	-	16
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	4	4	4	-	-	-	-	-	-	-	-	-	-	-	16

Installation: E-6 Mission Support (OSIP 007-02)	Method of Implementation: Not Installed - Lab Kit	Installation Quantity: 1
Installation: E-6 Mission Support (OSIP 007-02)	Method of Implementation: Organic - GPS Receiver Equipment	Installation Quantity: 16
Installation: E-6 Mission Support (OSIP 007-02)	Method of Implementation: Not Installed - Lab Equipment	Installation Quantity: 1
Installation: E-6 Mission Support (OSIP 007-02)	Method of Implementation: Not Installed - Training Equipment	Installation Quantity: 3
Installation: E-6 Mission Support (OSIP 007-02)	Method of Implementation: Not Installed - Support Equipment	Installation Quantity: 27

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0564 - E-6 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Safety Deficiencies (OSIP 008-02) - 2

Models of Systems Affected: E-6 Series	Type Modification: Capability	Related RDT&E PEs:
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	65.452	3.120	3.383	2.696	0.000	2.696	2.299	2.357	2.393	2.421	8.016	92.137
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	65.452	3.120	3.383	2.696	0.000	2.696	2.299	2.357	2.393	2.421	8.016	92.137
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	65.452	3.120	3.383	2.696	0.000	2.696	2.299	2.357	2.393	2.421	8.016	92.137

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

DESCRIPTION JUSTIFICATION: The Safety program corrects safety deficiencies and addresses emerging safety issues in order to protect personnel and equipment. The program includes systems to meet Federal agency and Fleet requirements which are verified by the System Safety Working Group. Examples include but are not limited to Kapton wiring replacement, Fuel Quantity Indicating System installation, aircraft acoustic thermal blankets replacement, High Power Transmit Set (HPTS) installation, Digital Roll Indicator installation Communication Navigation and Surveillance (CNS) Air Traffic Management (ATM), Flight Traffic alert and Collision Avoidance System (TCAS), Crash Survivable Flight Incident Recorder (CSFIR) and other safety deficiencies that may arise. The safety program leverages available and emerging commercial technology for crew/aircraft safety.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: Aircraft Kapton Wire (A/C wheel wells only) kit buys and installs complete in FY11 (16 A/C); FQIS NRE complete in FY11 with production kit buys and installations complete in FY13 (16 A/C); Acoustic Thermal Blanket Phase 2, 1 install kit complete in FY11. HPTS Fire Port installations complete in FY11 (16 A/C).

NOTE: Other Support is predominantly government labor.

NOTE FOR INSTALLATION SCHEDULE: Does not include quantities of 13 trainers. There is no cost to install Life Rafts and Seat Pins. Only 2 aircraft require Blankets Phase 2.

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Exhibit P-3A, Individual Modification: PB 2013 Navy										Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0564 - E-6 Series						Modification Nomenclature (<i>Modification Title, Modification Number</i>): Safety Deficiencies (OSIP 008-02) - 2			
Models of Systems Affected: E-6 Series				Type Modification: Capability						Related RDT&E PEs:			
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
Safety Deficiencies (OSIP 008-02)													
A Kits													
Recurring													
1.1.1) AC Battery Kit - NonOrganic	16	0.014	-	-	-	-	-	-	-	-	-	-	
1.1.2) APU Kit - Organic	16	0.395	-	-	-	-	-	-	-	-	-	-	
1.1.5) CSFIR Kit - NonOrganic	16	4.400	-	-	-	-	-	-	-	-	-	-	
1.1.6) DRI Kit - NonOrganic	16	0.003	-	-	-	-	-	-	-	-	-	-	
1.1.7) FQIS Kit - NonOrganic	16	0.120	-	-	-	-	-	-	-	-	-	-	
1.1.8) Fuel Boost Pump Kit - Organic	16	0.756	-	-	-	-	-	-	-	-	-	-	
1.1.9) KAPTON Wire Kit - NonOrganic	16	0.529	-	-	-	-	-	-	-	-	-	-	
1.1.10) Smoke Detector Kit - NonOrganic	16	0.325	-	-	-	-	-	-	-	-	-	-	
<i>Subtotal Recurring</i>		6.542		0.000		0.000		0.000		0.000		0.000	
NonRecurring													
1.2.1) Installation Kits N/R - NonOrganic	-	17.201	-	-	-	-	-	-	-	-	-	-	
<i>Subtotal NonRecurring</i>		17.201		0.000		0.000		0.000		0.000		0.000	
B Kits													
Recurring													
2.1.1) AC Battery Equipment - Organic	16	0.666	-	-	-	-	-	-	-	-	-	-	
2.1.3) ARC-210 Filter Equipment - Organic	16	0.720	-	-	-	-	-	-	-	-	-	-	
2.1.4) Life Rafts Equipment - Organic	16	0.305	-	-	-	-	-	-	-	-	-	-	
2.1.5) HPTS Fire Port Equipment - NonOrganic	16	0.026	-	-	-	-	-	-	-	-	-	-	
2.1.6) Seat Pins Equipment - Organic	16	0.065	-	-	-	-	-	-	-	-	-	-	
2.1.7) Blankets Phase 1 Equipment - NonOrganic	5	0.320	-	-	-	-	-	-	-	-	-	-	
2.1.8) Blankets Phase 2 Equipment - NonOrganic	-	-	2	0.078	-	-	-	-	-	-	-	-	
2.1.9) CSFIR Equipment - Organic	16	2.000	-	-	-	-	-	-	-	-	-	-	
2.1.10) DRI Equipment - Organic	16	0.150	-	-	-	-	-	-	-	-	-	-	
2.1.11) Insertia Reels Equipment - Organic	16	0.425	-	-	-	-	-	-	-	-	-	-	
2.1.12) HPTS CAD Cutters Equipment - NonOrganic	16	0.130	-	-	-	-	-	-	-	-	-	-	

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Exhibit P-3A, Individual Modification: PB 2013 Navy										Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1					P-1 Line Item Nomenclature: 0564 - E-6 Series					Modification Nomenclature (<i>Modification Title, Modification Number</i>): Safety Deficiencies (OSIP 008-02) - 2			
Models of Systems Affected: E-6 Series				Type Modification: Capability				Related RDT&E PEs:					
Financial Plan		Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
		Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
2.1.13) FQIS Equipment - Organic		16	4.357	-	-	-	-	-	-	-	-	-	-
2.1.14) KAPTON Wire Fuel Pump - Organic		16	0.550	-	-	-	-	-	-	-	-	-	-
2.1.15) Smoke Detector - Organic		16	0.308	-	-	-	-	-	-	-	-	-	-
<i>Subtotal Recurring</i>			10.022		0.078		0.000		0.000		0.000		0.000
NonRecurring													
2.2.1) Installation Equipment N/R - NonOrganic		-	3.122	-	-	-	-	-	-	-	-	-	-
<i>Subtotal NonRecurring</i>			3.122		0.000		0.000		0.000		0.000		0.000
<i>Total, Safety Deficiencies (OSIP 008-02)</i>		325	36.887	2	0.078	-	-	-	-	-	-	-	-
<i>Total, All Modifications</i>			36.887		0.078		0.000		0.000		0.000		0.000
Support													
3.1) Engineering Change Orders		-	0.000	-	-	-	-	-	-	-	-	-	-
3.2) Data		-	0.658	-	0.041	-	-	-	-	-	-	-	-
3.3) Training Equipment		11	4.188	2	0.159	-	-	-	-	-	-	-	-
3.4) Support Equipment		-	-	-	0.045	3	1.207	1	0.438	-	-	1	0.438
3.5) ILS		-	0.466	-	-	-	-	-	-	-	-	-	-
3.6) Other Support		-	9.923	-	2.596	-	2.176	-	2.258	-	-	-	2.258
3.7) Interim Contractor Support		-	0.000	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>			15.235		2.841		3.383		2.696		0.000		2.696
<i>Procurement Cost (Procurement + Support)</i>			52.122		2.919		3.383		2.696		0.000		2.696
<i>Total Installation Cost</i>			13.330		0.201		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)			65.452		3.120		3.383		2.696		0.000		2.696
Financial Plan		FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
		Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement													
Safety Deficiencies (OSIP 008-02)													
A Kits													
Recurring													
1.1.1) AC Battery Kit - NonOrganic		-	-	-	-	-	-	-	-	-	-	16	0.014

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy								Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0564 - E-6 Series				Modification Nomenclature (<i>Modification Title, Modification Number</i>): Safety Deficiencies (OSIP 008-02) - 2					
Models of Systems Affected: E-6 Series				Type Modification: Capability				Related RDT&E PEs:					
Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
1.1.2) APU Kit - Organic	-	-	-	-	-	-	-	-	-	-	16	0.395	
1.1.5) CSFIR Kit - NonOrganic	-	-	-	-	-	-	-	-	-	-	16	4.400	
1.1.6) DRI Kit - NonOrganic	-	-	-	-	-	-	-	-	-	-	16	0.003	
1.1.7) FQIS Kit - NonOrganic	-	-	-	-	-	-	-	-	-	-	16	0.120	
1.1.8) Fuel Boost Pump Kit - Organic	-	-	-	-	-	-	-	-	-	-	16	0.756	
1.1.9) KAPTON Wire Kit - NonOrganic	-	-	-	-	-	-	-	-	-	-	16	0.529	
1.1.10) Smoke Detector Kit - NonOrganic	-	-	-	-	-	-	-	-	-	-	16	0.325	
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		6.542	
NonRecurring													
1.2.1) Installation Kits N/R - NonOrganic	-	-	-	-	-	-	-	-	-	-	-	17.201	
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		17.201	
B Kits													
Recurring													
2.1.1) AC Battery Equipment - Organic	-	-	-	-	-	-	-	-	-	-	16	0.666	
2.1.3) ARC-210 Filter Equipment - Organic	-	-	-	-	-	-	-	-	-	-	16	0.720	
2.1.4) Life Rafts Equipment - Organic	-	-	-	-	-	-	-	-	-	-	16	0.305	
2.1.5) HPTS Fire Port Equipment - NonOrganic	-	-	-	-	-	-	-	-	-	-	16	0.026	
2.1.6) Seat Pins Equipment - Organic	-	-	-	-	-	-	-	-	-	-	16	0.065	
2.1.7) Blankets Phase 1 Equipment - NonOrganic	-	-	-	-	-	-	-	-	-	-	5	0.320	
2.1.8) Blankets Phase 2 Equipment - NonOrganic	-	-	-	-	-	-	-	-	-	-	2	0.078	
2.1.9) CSFIR Equipment - Organic	-	-	-	-	-	-	-	-	-	-	16	2.000	
2.1.10) DRI Equipment - Organic	-	-	-	-	-	-	-	-	-	-	16	0.150	
2.1.11) Insertia Reels Equipment - Organic	-	-	-	-	-	-	-	-	-	-	16	0.425	
2.1.12) HPTS CAD Cutters Equipment - NonOrganic	-	-	-	-	-	-	-	-	-	-	16	0.130	
2.1.13) FQIS Equipment - Organic	-	-	-	-	-	-	-	-	-	-	16	4.357	
2.1.14) KAPTON Wire Fuel Pump - Organic	-	-	-	-	-	-	-	-	-	-	16	0.550	
2.1.15) Smoke Detector - Organic	-	-	-	-	-	-	-	-	-	-	16	0.308	
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		10.100	
NonRecurring													

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0564 - E-6 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Safety Deficiencies (OSIP 008-02) - 2

Models of Systems Affected: E-6 Series		Type Modification: Capability				Related RDT&E PEs:						
Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
2.2.1) Installation Equipment N/R - NonOrganic	-	-	-	-	-	-	-	-	-	-	-	3.122
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		3.122
<i>Total, Safety Deficiencies (OSIP 008-02)</i>	-	-	-	-	-	-	-	-	-	-	327	36.965
<i>Total, All Modifications</i>		0.000		0.000		0.000		0.000		0.000		36.965
Support												
3.1) Engineering Change Orders	-	-	-	-	-	-	-	-	-	-	-	-
3.2) Data	-	-	-	-	-	-	-	-	-	-	-	0.699
3.3) Training Equipment	-	-	-	-	-	-	-	-	-	-	13	4.347
3.4) Support Equipment	-	-	-	-	-	-	-	-	-	-	4	1.690
3.5) ILS	-	-	-	-	-	-	-	-	-	-	-	0.466
3.6) Other Support	-	2.299	-	2.357	-	2.393	-	2.421	-	8.016	-	34.439
3.7) Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		2.299		2.357		2.393		2.421		8.016		41.641
<i>Procurement Cost (Procurement + Support)</i>		2.299		2.357		2.393		2.421		8.016		78.606
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		13.531
Total Cost (Procurement + Support + Installation)		2.299		2.357		2.393		2.421		8.016		92.137

Remarks:

Manufacturer Information: Safety Deficiencies (OSIP 008-02)

Manufacturer Name: Various				Manufacturer Location: Various			
Administrative Leadtime (in Months): 11				Production Leadtime (in Months): 1			

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates	Aug 2011						
Delivery Dates	Sep 2011						

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0564 - E-6 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Safety Deficiencies (OSIP 008-02) - 2

Models of Systems Affected: E-6 Series	Type Modification: Capability	Related RDT&E PEs:
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Installation: Safety Deficiencies (OSIP 008-02)	Method of Implementation: [none specified]	Installation Name: AC Battery Kit
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	16	0.079	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	16	0.079	-	-	-	-	-	-	-	-	-	-

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	16	0.079
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	16	0.079

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0564 - E-6 Series
		Modification Nomenclature (<i>Modification Title, Modification Number</i>): Safety Deficiencies (OSIP 008-02) - 2

Models of Systems Affected: E-6 Series	Type Modification: Capability	Related RDT&E PEs:
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Installation: Safety Deficiencies (OSIP 008-02)	Method of Implementation: [none specified]	Installation Name: AC Battery Kit
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Installation Schedule																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16
Out	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16

Installation: Safety Deficiencies (OSIP 008-02)	Method of Implementation: Drive In	Installation Name: CSFIR Kit
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	16	9.759	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	16	9.759	-	-	-	-	-	-	-	-	-	-

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	16	9.759
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0564 - E-6 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Safety Deficiencies (OSIP 008-02) - 2

Models of Systems Affected: E-6 Series	Type Modification: Capability	Related RDT&E PEs:
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Installation: Safety Deficiencies (OSIP 008-02)	Method of Implementation: Drive In	Installation Name: CSFIR Kit
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Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	16	9.759

Installation Schedule																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16
Out	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16

Installation: Safety Deficiencies (OSIP 008-02)	Method of Implementation: Drive In	Installation Name: DRI Kit
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	16	0.157	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	16	0.157	-	-	-	-	-	-	-	-	-	-

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	16	0.157
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0564 - E-6 Series
Modification Nomenclature (Modification Title, Modification Number): Safety Deficiencies (OSIP 008-02) - 2		

Models of Systems Affected: E-6 Series	Type Modification: Capability	Related RDT&E PEs:
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Installation: Safety Deficiencies (OSIP 008-02)	Method of Implementation: Drive In	Installation Name: DRI Kit
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Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	16	0.157

Installation Schedule

APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16
Out	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16

Installation: Safety Deficiencies (OSIP 008-02)	Method of Implementation: Drive In	Installation Name: FQIS Kit
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	8	0.120	8	0.120	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	8	0.120	8	0.120	-	-	-	-	-	-	-	-

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0564 - E-6 Series
Modification Nomenclature (Modification Title, Modification Number): Safety Deficiencies (OSIP 008-02) - 2		

Models of Systems Affected: E-6 Series	Type Modification: Capability	Related RDT&E PEs:
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Installation: Safety Deficiencies (OSIP 008-02)	Method of Implementation: Drive In	Installation Name: FQIS Kit
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Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	16	0.240
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	16	0.240

Installation Schedule																															
APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot	
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4			
In	8	2	2	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16
Out	6	2	2	2	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16

Installation: Safety Deficiencies (OSIP 008-02)	Method of Implementation: Drive In	Installation Name: KAPTON Wire Kit
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	16	0.401	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0564 - E-6 Series
Modification Nomenclature (Modification Title, Modification Number): Safety Deficiencies (OSIP 008-02) - 2		

Models of Systems Affected: E-6 Series	Type Modification: Capability	Related RDT&E PEs:
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Installation: Safety Deficiencies (OSIP 008-02)	Method of Implementation: Drive In	Installation Name: KAPTON Wire Kit
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	16	0.401	-	-	-	-	-	-	-	-	-	-

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	16	0.401
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	16	0.401

Installation Schedule																															
APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot	
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4			
In	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16
Out	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16

Installation: Safety Deficiencies (OSIP 008-02)		Method of Implementation: Drive In		Installation Name: Smoke Detector Kit								
Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	16	0.837	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0564 - E-6 Series
Modification Nomenclature (Modification Title, Modification Number): Safety Deficiencies (OSIP 008-02) - 2		

Models of Systems Affected: E-6 Series	Type Modification: Capability	Related RDT&E PEs:
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Installation: Safety Deficiencies (OSIP 008-02)	Method of Implementation: Drive In	Installation Name: Smoke Detector Kit
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	16	0.837	-	-	-	-	-	-	-	-	-	-

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	16	0.837
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	16	0.837

Installation Schedule																														
APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	
Out	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0564 - E-6 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Safety Deficiencies (OSIP 008-02) - 2

Models of Systems Affected: E-6 Series	Type Modification: Capability	Related RDT&E PEs:
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Installation: Safety Deficiencies (OSIP 008-02)	Method of Implementation: Drive In	Installation Name: HPTS Fire Port Equipment
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	16	0.049	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	16	0.049	-	-	-	-	-	-	-	-	-	-

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	16	0.049
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	16	0.049

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0564 - E-6 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Safety Deficiencies (OSIP 008-02) - 2

Models of Systems Affected: E-6 Series	Type Modification: Capability	Related RDT&E PEs:
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Installation: Safety Deficiencies (OSIP 008-02)	Method of Implementation: Drive In	Installation Name: HPTS Fire Port Equipment
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Installation Schedule																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16
Out	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16

Installation: Safety Deficiencies (OSIP 008-02)	Method of Implementation: Drive In	Installation Name: Blankets Phase 1 Equipment
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	5	0.040	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	5	0.040	-	-	-	-	-	-	-	-	-	-

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	5	0.040
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0564 - E-6 Series
Modification Nomenclature (Modification Title, Modification Number): Safety Deficiencies (OSIP 008-02) - 2		

Models of Systems Affected: E-6 Series	Type Modification: Capability	Related RDT&E PEs:
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Installation: Safety Deficiencies (OSIP 008-02)	Method of Implementation: Drive In	Installation Name: Blankets Phase 1 Equipment
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Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	5	0.040

Installation Schedule																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5
Out	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5

Installation: Safety Deficiencies (OSIP 008-02)	Method of Implementation: Drive In	Installation Name: Blankets Phase 2 Equipment
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	2	0.050	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	2	0.050	-	-	-	-	-	-	-	-

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	2	0.050

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0564 - E-6 Series
Modification Nomenclature (Modification Title, Modification Number): Safety Deficiencies (OSIP 008-02) - 2		

Models of Systems Affected: E-6 Series	Type Modification: Capability	Related RDT&E PEs:
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Installation: Safety Deficiencies (OSIP 008-02)	Method of Implementation: Drive In	Installation Name: Blankets Phase 2 Equipment
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Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	2	0.050

Installation Schedule

APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
Out	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2

Installation: Safety Deficiencies (OSIP 008-02)	Method of Implementation: Drive In	Installation Name: HPTS CAD Cutters Equipment
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	16	0.106	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	16	0.106	-	-	-	-	-	-	-	-	-	-

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0564 - E-6 Series
Modification Nomenclature (Modification Title, Modification Number): Safety Deficiencies (OSIP 008-02) - 2		

Models of Systems Affected: E-6 Series	Type Modification: Capability	Related RDT&E PEs:
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Installation: Safety Deficiencies (OSIP 008-02)	Method of Implementation: Drive In	Installation Name: HPTS CAD Cutters Equipment
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Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	16	0.106
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	16	0.106

Installation Schedule																														
APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	
Out	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	

Installation: Safety Deficiencies (OSIP 008-02)	Method of Implementation: Drive In	Installation Name: Training Equipment
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	0	1.782	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	0	0.031	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0564 - E-6 Series
Modification Nomenclature (Modification Title, Modification Number): Safety Deficiencies (OSIP 008-02) - 2		

Models of Systems Affected: E-6 Series	Type Modification: Capability	Related RDT&E PEs:
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Installation: Safety Deficiencies (OSIP 008-02)	Method of Implementation: Drive In	Installation Name: Training Equipment
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	0	1.782	0	0.031	-	-	-	-	-	-	-	-

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	0	1.782
FY 2011	-	-	-	-	-	-	-	-	-	-	0	0.031
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	0	1.813

Installation Schedule																														
APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0		
Out	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0		

Installation: Safety Deficiencies (OSIP 008-02)	Method of Implementation: Organic - APU Kit	Installation Quantity: 16
Installation: Safety Deficiencies (OSIP 008-02)	Method of Implementation: Organic - Fuel Boost Pump Kit	Installation Quantity: 16
Installation: Safety Deficiencies (OSIP 008-02)	Method of Implementation: Organic - AC Battery Equipment	Installation Quantity: 16
Installation: Safety Deficiencies (OSIP 008-02)	Method of Implementation: Organic - ARC-210 Filter Equipment	Installation Quantity: 16

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0564 - E-6 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Safety Deficiencies (OSIP 008-02) - 2
Models of Systems Affected: E-6 Series	Type Modification: Capability	Related RDT&E PEs:
Installation: Safety Deficiencies (OSIP 008-02)	Method of Implementation: Organic - Life Rafts Equipment	Installation Quantity: 16
Installation: Safety Deficiencies (OSIP 008-02)	Method of Implementation: Organic - Seat Pins Equipment	Installation Quantity: 16
Installation: Safety Deficiencies (OSIP 008-02)	Method of Implementation: Organic - CSFIR Equipment	Installation Quantity: 16
Installation: Safety Deficiencies (OSIP 008-02)	Method of Implementation: Organic - DRI Equipment	Installation Quantity: 16
Installation: Safety Deficiencies (OSIP 008-02)	Method of Implementation: Organic - Insertia Reels Equipment	Installation Quantity: 16
Installation: Safety Deficiencies (OSIP 008-02)	Method of Implementation: Organic - FQIS Equipment	Installation Quantity: 16
Installation: Safety Deficiencies (OSIP 008-02)	Method of Implementation: Organic - KAPTON Wire Fuel Pump	Installation Quantity: 16
Installation: Safety Deficiencies (OSIP 008-02)	Method of Implementation: Organic - Smoke Detector	Installation Quantity: 16
Installation: Safety Deficiencies (OSIP 008-02)	Method of Implementation: Not Installed - Support Equipment	Installation Quantity: 4

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0564 - E-6 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Tech Insertion (OSIP 003-04) - 3

Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs:
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	56.707	19.194	23.954	20.915	0.000	20.915	12.198	17.003	11.380	17.154	101.605	280.110
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	56.707	19.194	23.954	20.915	0.000	20.915	12.198	17.003	11.380	17.154	101.605	280.110
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	56.707	19.194	23.954	20.915	0.000	20.915	12.198	17.003	11.380	17.154	101.605	280.110

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

DESCRIPTION/JUSTIFICATION: The E-6 aircraft has 35 individual computers dealing with communications and mission systems. Tech Insertion inserts new technologies into the E-6B platform, implements weight savings initiatives, and addresses supportability, obsolescence, systems updates, commonality and interoperability issues. Tech Insertion also funds programs to reduce aircraft weight to meet weight margins for planned modifications. Existing KG-3X crypto must be replaced with DoD standard equipment for compatibility. Various programs including, but is not limited to replacement of existing brakes, seats and other initiatives from the weight savings board will be implemented to reduce the aircraft weight to meet weight margins for planned modifications. ARC 210 installs AN/ARC-210 UHF/HF radios with internal NSA approved modern programmable crypto and replaces obsolete cryptographic devices to meet NSA directives and for compatibility with DoD and Defense Support Civil Authority (DSCA) standards. High Frequency Automatic Link Establishment (HF ALE) performance must be upgraded to support required additional data and voice through put. Keyer/Converters and components of the High Power Transmit Set (HPTS) will be replaced due to obsolescence. The Modified Miniature Receive Terminal (MMRT) will be replaced by the Compact Very Low Frequency (CVLF) receiver due to obsolescence. CONUS Future Area Navigation System (FANS) requirements must be implemented starting in FY16 to ensure E-6B access to all national airspace.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: KG-3X family crypto replacement kits will be provided by the Air Force at no cost to the Navy with installs in FY11-FY12 (15 A/C). FOC FY12 (16 A/C). Brake NRE and prototype install kit buy in FY12 with installation in FY13; production install kit buys in FY13-15 with installs in FY13-16 (15 A/C). FOC FY16 (16 A/C). ARC-210 NRE FY11-FY12 with NRE kit buy and installation in FY12; production kit buys in FY12-FY13 with installs in FY13-FY14 (16 A/C). FOC FY14 (16 A/C). HF ALE system NRE with NRE kit buy in FY15 and installation in FY16; production kit buys FY17-to beyond the FYDP with installs beyond the FYDP (15 A/C). FOC beyond the FYDP (16 A/C). Keyers NRE FY15 and NRE kit buy FY15 with installation in FY16; production kit buys FY16-FY17 with installation beyond the FYDP (15 A/C). FOC beyond the FYDP (16 A/C). HPTS NRE FY15-to beyond the FYDP with NRE kit buy and installation beyond the FYDP; production kit buys and installs beyond the FYDP (15 A/C). FOC beyond the FYDP (16 A/C). CVLF NRE FY15 with NRE kit buy in FY16 and installation in FY17; production kit buys FY17 to beyond the FYDP with installs beyond the FYDP (15 A/C). FOC beyond the FYDP (16 A/C).

NOTE: Other Support is predominantly government labor.

NOTE FOR INSTALLATION SCHEDULE: Does not include quantities for 8 Lab, 4 SIL, and 34 Trainers. KG-3X family crypto NRE and replacement kits will be provided by the Air Force at no cost to the Navy with installation of 15 aircraft in FY11-FY12. Shredder does not require an Installation Kit; installation is at no cost to the Navy. Carbon Brakes does not require Installation Equipment Kits; installed at no cost to the Navy.

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0564 - E-6 Series	Modification Nomenclature <i>(Modification Title, Modification Number):</i> Tech Insertion (OSIP 003-04) - 3
Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs:

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Exhibit P-3A, Individual Modification: PB 2013 Navy								Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0564 - E-6 Series				Modification Nomenclature (Modification Title, Modification Number): Tech Insertion (OSIP 003-04) - 3					
Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]					Related RDT&E PEs:					
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
Tech Insertion (OSIP 003-04)													
A Kits													
Recurring													
1.1.1) 85HP Motor Kit - NonOrganic	16	0.400	-	-	-	-	-	-	-	-	-	-	
1.1.2) ARC 210 Radio/Crypto - NonOrganic	-	-	-	-	10	1.722	6	1.269	-	-	6	1.269	
1.1.3) SDSU Kit - NonOrganic	16	0.160	-	-	-	-	-	-	-	-	-	-	
1.1.4) MCS Spiral 1 (UPS) Kit - NonOrganic	16	0.174	-	-	-	-	-	-	-	-	-	-	
1.1.5) Keyers Kit - NonOrganic	-	-	-	-	-	-	-	-	-	-	-	-	
1.1.6) HPTS Kit - NonOrganic	-	-	-	-	-	-	-	-	-	-	-	-	
1.1.8) CVLR Kit - NonOrganic	-	-	-	-	-	-	-	-	-	-	-	-	
1.1.9) HF ALE Kit - NonOrganic	-	-	-	-	-	-	-	-	-	-	-	-	
1.1.10) Water Tanks Kit - Organic	16	0.120	-	-	-	-	-	-	-	-	-	-	
1.1.11) Carbon Brakes Kit - Organic	-	-	-	-	6	4.242	4	3.273	-	-	4	3.273	
1.1.12) STE Kit - NonOrganic	15	0.383	-	-	-	-	-	-	-	-	-	-	
1.1.13) KG-3X - NonOrganic	-	-	1	0.000	15	0.000	-	-	-	-	-	-	
1.1.14) SIL Kit - NonOrganic	2	0.019	-	-	-	-	-	-	-	-	-	-	
1.1.15) Lab Kit - NonOrganic	2	0.017	1	0.239	-	-	-	-	-	-	-	-	
<i>Subtotal Recurring</i>		1.273		0.239		5.964		4.542		0.000		4.542	
NonRecurring													
1.2.1) Installation Kits N/R - NonOrganic	-	7.857	-	12.445	-	-	-	-	-	-	-	-	
<i>Subtotal NonRecurring</i>		7.857		12.445		0.000		0.000		0.000		0.000	
B Kits													
Recurring													
2.1.1) 85 HP Motor Equipment - Organic	16	0.385	-	-	-	-	-	-	-	-	-	-	
2.1.2) ARC 210 Radio/Crypto - Organic	-	-	-	-	10	7.626	6	4.804	-	-	6	4.804	
2.1.3) FMCS Single Board Equipment - NonOrganic	16	1.312	-	-	-	-	-	-	-	-	-	-	
2.1.4) MCS Spiral 1 (UPS) Equipment - Organic	16	1.161	-	-	-	-	-	-	-	-	-	-	
2.1.5) MCS Spiral 2 (UPS) Equipment - NonOrganic	16	1.379	-	-	-	-	-	-	-	-	-	-	

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Exhibit P-3A, Individual Modification: PB 2013 Navy								Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0564 - E-6 Series				Modification Nomenclature (<i>Modification Title, Modification Number</i>): Tech Insertion (OSIP 003-04) - 3					
Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]					Related RDT&E PEs:					
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
2.1.6) CVLR Equipment - Organic	-	-	-	-	-	-	-	-	-	-	-	-	
2.1.8) HPTS Equipment - Organic	-	-	-	-	-	-	-	-	-	-	-	-	
2.1.9) HF ALE Equipment - Organic	-	-	-	-	-	-	-	-	-	-	-	-	
2.1.10) Keyers Equipment - Organic	-	-	-	-	-	-	-	-	-	-	-	-	
2.1.11) Shredder Equipment - Organic	14	0.406	2	0.044	-	-	-	-	-	-	-	-	
2.1.12) SDSU Equipment - Organic	16	2.034	-	-	-	-	-	-	-	-	-	-	
2.1.13) STE Equipment - Organic	16	0.934	-	-	-	-	-	-	-	-	-	-	
2.1.14) Seat Assemblies Equipment - Organic	16	0.200	-	-	-	-	-	-	-	-	-	-	
2.1.15) KG-3X - Organic	-	-	1	0.000	15	0.000	-	-	-	-	-	-	
2.1.16) SIL Equipment - Organic	3	0.346	-	-	-	-	-	-	-	-	-	-	
2.1.17) Lab Equipment - Organic	3	0.134	1	0.726	-	-	-	-	-	-	-	-	
<i>Subtotal Recurring</i>		8.291		0.770		7.626		4.804		0.000		4.804	
NonRecurring													
2.2.1) Installation Equipment N/R - NonOrganic	-	9.741	-	-	-	-	-	-	-	-	-	-	
<i>Subtotal NonRecurring</i>		9.741		0.000		0.000		0.000		0.000		0.000	
<i>Total, Tech Insertion (OSIP 003-04)</i>	215	27.162	6	13.454	56	13.590	16	9.346	-	-	16	9.346	
<i>Total, All Modifications</i>		27.162		13.454		13.590		9.346		0.000		9.346	
Support													
3.1) Engineering Change Orders	-	0.000	-	-	-	-	-	-	-	-	-	-	
3.2) Data	-	0.953	-	-	-	1.201	-	0.097	-	-	-	0.097	
3.3) Training Equipment	14	3.091	-	0.363	7	4.378	1	1.491	-	-	1	1.491	
3.4) Support Equipment	7	1.000	-	-	-	-	-	-	-	-	-	-	
3.5) ILS	-	0.887	-	-	-	-	-	1.429	-	-	-	1.429	
3.6) Other Support	-	18.869	-	5.127	-	3.307	-	5.934	-	-	-	5.934	
3.7) Interim Contractor Support	-	0.000	-	-	-	-	-	-	-	-	-	-	
<i>Total Support Cost</i>		24.800		5.490		8.886		8.951		0.000		8.951	
<i>Procurement Cost (Procurement + Support)</i>		51.962		18.944		22.476		18.297		0.000		18.297	
<i>Total Installation Cost</i>		4.745		0.250		1.478		2.618		0.000		2.618	
Total Cost (Procurement + Support + Installation)		56.707		19.194		23.954		20.915		0.000		20.915	

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Exhibit P-3A, Individual Modification: PB 2013 Navy									Date: February 2012				
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0564 - E-6 Series					Modification Nomenclature (<i>Modification Title, Modification Number</i>): Tech Insertion (OSIP 003-04) - 3				
Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]				Related RDT&E PEs:						
Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
Tech Insertion (OSIP 003-04)													
A Kits													
Recurring													
1.1.1) 85HP Motor Kit - NonOrganic	-	-	-	-	-	-	-	-	-	-	-	16	0.400
1.1.2) ARC 210 Radio/Crypto - NonOrganic	-	-	-	-	-	-	-	-	-	-	-	16	2.991
1.1.3) SDSU Kit - NonOrganic	-	-	-	-	-	-	-	-	-	-	-	16	0.160
1.1.4) MCS Spiral 1 (UPS) Kit - NonOrganic	-	-	-	-	-	-	-	-	-	-	-	16	0.174
1.1.5) Keyers Kit - NonOrganic	-	-	1	0.047	8	0.391	7	0.358	-	-	-	16	0.796
1.1.6) HPTS Kit - NonOrganic	-	-	-	-	-	-	0	0.000	16	6.292	-	16	6.292
1.1.8) CVLR Kit - NonOrganic	-	-	-	-	1	0.072	2	0.148	13	1.002	-	16	1.222
1.1.9) HF ALE Kit - NonOrganic	-	-	1	0.062	9	0.585	6	0.370	-	-	-	16	1.017
1.1.10) Water Tanks Kit - Organic	-	-	-	-	-	-	-	-	-	-	-	16	0.120
1.1.11) Carbon Brakes Kit - Organic	4	3.538	2	0.840	-	-	-	-	-	-	-	16	11.893
1.1.12) STE Kit - NonOrganic	-	-	-	-	-	-	-	-	-	-	-	15	0.383
1.1.13) KG-3X - NonOrganic	-	-	-	-	-	-	-	-	-	-	-	16	0.000
1.1.14) SIL Kit - NonOrganic	-	-	-	-	-	-	-	-	-	-	-	2	0.019
1.1.15) Lab Kit - NonOrganic	-	-	3	0.179	-	-	-	-	1	0.384	-	7	0.819
<i>Subtotal Recurring</i>		3.538		1.128		1.048		0.876		7.678			26.286
NonRecurring													
1.2.1) Installation Kits N/R - NonOrganic	-	-	-	6.771	-	1.833	-	7.131	-	-	-	-	36.037
<i>Subtotal NonRecurring</i>		0.000		6.771		1.833		7.131		0.000			36.037
B Kits													
Recurring													
2.1.1) 85 HP Motor Equipment - Organic	-	-	-	-	-	-	-	-	-	-	-	16	0.385
2.1.2) ARC 210 Radio/Crypto - Organic	-	-	-	-	-	-	-	-	-	-	-	16	12.430
2.1.3) FMCS Single Board Equipment - NonOrganic	-	-	-	-	-	-	-	-	-	-	-	16	1.312
2.1.4) MCS Spiral 1 (UPS) Equipment - Organic	-	-	-	-	-	-	-	-	-	-	-	16	1.161
2.1.5) MCS Spiral 2 (UPS) Equipment - NonOrganic	-	-	-	-	-	-	-	-	-	-	-	16	1.379

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Exhibit P-3A, Individual Modification: PB 2013 Navy									Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0564 - E-6 Series					Modification Nomenclature (<i>Modification Title, Modification Number</i>): Tech Insertion (OSIP 003-04) - 3			
Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]				Related RDT&E PEs:					
Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
2.1.6) CVLR Equipment - Organic	-	-	-	-	1	1.565	2	2.786	13	23.027	16	27.378
2.1.8) HPTS Equipment - Organic	-	-	-	-	-	-	0	0.000	16	16.610	16	16.610
2.1.9) HF ALE Equipment - Organic	-	-	1	0.200	9	1.252	6	1.147	-	-	16	2.599
2.1.10) Keyers Equipment - Organic	-	-	1	0.040	8	0.321	7	0.281	-	-	16	0.642
2.1.11) Shredder Equipment - Organic	-	-	-	-	-	-	-	-	-	-	16	0.450
2.1.12) SDSU Equipment - Organic	-	-	-	-	-	-	-	-	-	-	16	2.034
2.1.13) STE Equipment - Organic	-	-	-	-	-	-	-	-	-	-	16	0.934
2.1.14) Seat Assemblies Equipment - Organic	-	-	-	-	-	-	-	-	-	-	16	0.200
2.1.15) KG-3X - Organic	-	-	-	-	-	-	-	-	-	-	16	0.000
2.1.16) SIL Equipment - Organic	-	-	-	-	-	-	-	-	-	-	3	0.346
2.1.17) Lab Equipment - Organic	-	-	3	1.844	-	-	-	-	1	1.012	8	3.716
<i>Subtotal Recurring</i>		0.000		2.084		3.138		4.214		40.649		71.576
NonRecurring												
2.2.1) Installation Equipment N/R - NonOrganic	-	-	-	-	-	-	-	-	-	-	-	9.741
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		9.741
<i>Total, Tech Insertion (OSIP 003-04)</i>	4	3.538	12	9.983	36	6.019	30	12.221	60	48.327	435	143.640
<i>Total, All Modifications</i>		3.538		9.983		6.019		12.221		48.327		143.640
Support												
3.1) Engineering Change Orders	-	-	-	-	-	-	-	-	-	-	-	-
3.2) Data	-	0.505	-	0.829	-	0.247	-	-	-	-	-	3.832
3.3) Training Equipment	-	-	-	0.460	4	1.656	2	1.782	8	9.745	36	22.966
3.4) Support Equipment	-	-	-	-	-	-	-	-	-	-	7	1.000
3.5) ILS	-	0.618	-	0.913	-	0.298	-	-	-	0.468	-	4.613
3.6) Other Support	-	6.073	-	4.473	-	2.729	-	2.039	-	8.205	-	56.756
3.7) Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		7.196		6.675		4.930		3.821		18.418		89.167
<i>Procurement Cost (Procurement + Support)</i>		10.734		16.658		10.949		16.042		66.745		232.807
<i>Total Installation Cost</i>		1.464		0.345		0.431		1.112		34.860		47.303
Total Cost (Procurement + Support + Installation)		12.198		17.003		11.380		17.154		101.605		280.110

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0564 - E-6 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Tech Insertion (OSIP 003-04) - 3

Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs:
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Remarks:

Manufacturer Information: Tech Insertion (OSIP 003-04)

Manufacturer Name: Various	Manufacturer Location: Various
Administrative Leadtime (<i>in Months</i>): 0	Production Leadtime (<i>in Months</i>): 0

	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates							
Delivery Dates							

Installation: Tech Insertion (OSIP 003-04) **Method of Implementation:** Drive In **Installation Name:** 85HP Motor Kit

Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	16	0.385	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	16	0.385	-	-	-	-	-	-	-	-	-	-

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	16	0.385
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0564 - E-6 Series
		Modification Nomenclature (Modification Title, Modification Number): Tech Insertion (OSIP 003-04) - 3

Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs:
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Installation: Tech Insertion (OSIP 003-04)	Method of Implementation: Drive In	Installation Name: 85HP Motor Kit
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Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	16	0.385

Installation Schedule																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16
Out	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16

Installation: Tech Insertion (OSIP 003-04)	Method of Implementation: Drive In	Installation Name: ARC 210 Radio/Crypto
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	10	1.733	0	0.000	10	1.733
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	10	1.733	0	0.000	10	1.733

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0564 - E-6 Series
		Modification Nomenclature (Modification Title, Modification Number): Tech Insertion (OSIP 003-04) - 3

Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs:
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Installation: Tech Insertion (OSIP 003-04)	Method of Implementation: Drive In	Installation Name: ARC 210 Radio/Crypto
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Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	10	1.733
FY 2013	6	1.204	-	-	-	-	-	-	-	-	6	1.204
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	6	1.204	-	-	-	-	-	-	-	-	16	2.937

Installation Schedule

	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot		
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4				
In	-	-	-	-	-	-	-	-	-	2	3	2	3	1	2	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16
Out	-	-	-	-	-	-	-	-	-	-	2	3	2	3	1	2	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16

Installation: Tech Insertion (OSIP 003-04)	Method of Implementation: Drive In	Installation Name: SDSU Kit
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	16	0.064	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0564 - E-6 Series
		Modification Nomenclature (Modification Title, Modification Number): Tech Insertion (OSIP 003-04) - 3

Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs:
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Installation: Tech Insertion (OSIP 003-04)	Method of Implementation: Drive In	Installation Name: SDSU Kit
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Total	16	0.064	-	-	-	-	-	-	-	-	-	-

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	16	0.064
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	16	0.064

Installation Schedule																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16
Out	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16

Installation: Tech Insertion (OSIP 003-04)	Method of Implementation: Drive In	Installation Name: MCS Spiral 1 (UPS) Kit
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	16	0.068	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0564 - E-6 Series
		Modification Nomenclature (Modification Title, Modification Number): Tech Insertion (OSIP 003-04) - 3

Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs:
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Installation: Tech Insertion (OSIP 003-04)	Method of Implementation: Drive In	Installation Name: MCS Spiral 1 (UPS) Kit
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	16	0.068	-	-	-	-	-	-	-	-	-	-

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	16	0.068
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	16	0.068

Installation Schedule																														
APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	
Out	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0564 - E-6 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Tech Insertion (OSIP 003-04) - 3

Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs:
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Installation: Tech Insertion (OSIP 003-04)	Method of Implementation: Drive In	Installation Name: Keyers Kit
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	-	-

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	1	0.030	-	-	-	-	1	0.030
FY 2016	-	-	-	-	-	-	8	0.232	-	-	8	0.232
FY 2017	-	-	-	-	-	-	-	-	7	0.213	7	0.213
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	1	0.030	8	0.232	7	0.213	16	0.475

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0564 - E-6 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Tech Insertion (OSIP 003-04) - 3

Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs:
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Installation: Tech Insertion (OSIP 003-04)	Method of Implementation: Drive In	Installation Name: Keyers Kit
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Installation Schedule																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	2	2	2	2	7	16
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	2	2	2	9	16	

Installation: Tech Insertion (OSIP 003-04)	Method of Implementation: Drive In	Installation Name: HPTS Kit
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	0	0.000	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	-	-

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	0	0.000
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0564 - E-6 Series
Modification Nomenclature (Modification Title, Modification Number): Tech Insertion (OSIP 003-04) - 3		

Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs:
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Installation: Tech Insertion (OSIP 003-04)	Method of Implementation: Drive In	Installation Name: HPTS Kit
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Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	16	28.407	16	28.407
Total	-	-	-	-	-	-	-	-	16	28.407	16	28.407

Installation Schedule																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	16
Out	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	16

Installation: Tech Insertion (OSIP 003-04)	Method of Implementation: Drive In	Installation Name: CVLR Kit
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	-	-

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0564 - E-6 Series
Modification Nomenclature (Modification Title, Modification Number): Tech Insertion (OSIP 003-04) - 3		

Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs:
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Installation: Tech Insertion (OSIP 003-04)	Method of Implementation: Drive In	Installation Name: CVLR Kit
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Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	1	0.191	-	-	1	0.191
FY 2017	-	-	-	-	-	-	-	-	2	0.394	2	0.394
To Complete	-	-	-	-	-	-	-	-	13	2.681	13	2.681
Total	-	-	-	-	-	-	1	0.191	15	3.075	16	3.266

Installation Schedule																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	15	16	
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	15	16	

Installation: Tech Insertion (OSIP 003-04)	Method of Implementation: Drive In	Installation Name: HF ALE Kit
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	-	-

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0564 - E-6 Series
Modification Nomenclature (Modification Title, Modification Number): Tech Insertion (OSIP 003-04) - 3		

Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs:
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Installation: Tech Insertion (OSIP 003-04)	Method of Implementation: Drive In	Installation Name: HF ALE Kit
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Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	1	0.066	-	-	-	-	1	0.066
FY 2016	-	-	-	-	-	-	9	0.615	-	-	9	0.615
FY 2017	-	-	-	-	-	-	-	-	6	0.430	6	0.430
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	1	0.066	9	0.615	6	0.430	16	1.111

Installation Schedule																																
APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot		
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4				
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	3	3	2	6	16
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	3	3	3	8	16

Installation: Tech Insertion (OSIP 003-04)	Method of Implementation: Drive In	Installation Name: STE Kit
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	15	2.092	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0564 - E-6 Series
		Modification Nomenclature (Modification Title, Modification Number): Tech Insertion (OSIP 003-04) - 3

Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs:
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Installation: Tech Insertion (OSIP 003-04)	Method of Implementation: Drive In	Installation Name: STE Kit
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	15	2.092	-	-	-	-	-	-	-	-	-	-

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	15	2.092
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	15	2.092

Installation Schedule																														
APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Out	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		

Installation: Tech Insertion (OSIP 003-04)	Method of Implementation: Drive In	Installation Name: KG-3X
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	1	0.250	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	15	1.156	-	-	-	-	-	-

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0564 - E-6 Series
		Modification Nomenclature (Modification Title, Modification Number): Tech Insertion (OSIP 003-04) - 3

Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs:
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Installation: Tech Insertion (OSIP 003-04)	Method of Implementation: Drive In	Installation Name: KG-3X
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	1	0.250	15	1.156	-	-	-	-	-	-

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	1	0.250
FY 2012	-	-	-	-	-	-	-	-	-	-	15	1.156
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	16	1.406

Installation Schedule																															
APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot	
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4			
In	-	-	-	-	1	4	4	4	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16
Out	-	-	-	-	1	4	4	4	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0564 - E-6 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Tech Insertion (OSIP 003-04) - 3

Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs:
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Installation: Tech Insertion (OSIP 003-04)	Method of Implementation: Drive In	Installation Name: SIL Kit
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	0	0.041	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	0	0.041	-	-	-	-	-	-	-	-	-	-

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	0	0.335	-	-	-	-	0	0.376
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	0	0.335	-	-	-	-	0	0.376

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0564 - E-6 Series
		Modification Nomenclature (<i>Modification Title, Modification Number</i>): Tech Insertion (OSIP 003-04) - 3

Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs:
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Installation: Tech Insertion (OSIP 003-04)	Method of Implementation: Drive In	Installation Name: SIL Kit
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Installation Schedule																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
Out	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0

Installation: Tech Insertion (OSIP 003-04)	Method of Implementation: Drive In	Installation Name: Lab Kit
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	0	0.071	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	0	0.092	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	0	0.071	-	-	0	0.092	-	-	-	-	-	-

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	0	0.071
FY 2011	-	-	-	-	-	-	-	-	-	-	0	0.092
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	0	0.345	-	-	-	-	-	-	0	0.345
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0564 - E-6 Series
Modification Nomenclature (Modification Title, Modification Number): Tech Insertion (OSIP 003-04) - 3		

Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs:
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Installation: Tech Insertion (OSIP 003-04)	Method of Implementation: Drive In	Installation Name: Lab Kit
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Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	0	1.565	0	1.565
Total	-	-	0	0.345	-	-	-	-	0	1.565	0	2.073

Installation Schedule																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
Out	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0

Installation: Tech Insertion (OSIP 003-04)	Method of Implementation: Drive In	Installation Name: FMCS Single Board Equipment
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	16	0.192	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	16	0.192	-	-	-	-	-	-	-	-	-	-

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	16	0.192
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0564 - E-6 Series
Modification Nomenclature (Modification Title, Modification Number): Tech Insertion (OSIP 003-04) - 3		

Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs:
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Installation: Tech Insertion (OSIP 003-04)	Method of Implementation: Drive In	Installation Name: FMCS Single Board Equipment
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Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	16	0.192

Installation Schedule

	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Out	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Installation: Tech Insertion (OSIP 003-04)	Method of Implementation: Drive In	Installation Name: MCS Spiral 2 (UPS) Equipment
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	16	0.814	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	16	0.814	-	-	-	-	-	-	-	-	-	-

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0564 - E-6 Series
Modification Nomenclature (Modification Title, Modification Number): Tech Insertion (OSIP 003-04) - 3		

Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs:
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Installation: Tech Insertion (OSIP 003-04)	Method of Implementation: Drive In	Installation Name: MCS Spiral 2 (UPS) Equipment
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Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	16	0.814
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	16	0.814

Installation Schedule																														
APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	
Out	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	

Installation: Tech Insertion (OSIP 003-04)	Method of Implementation: [none specified]	Installation Name: Training Equipment
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	0	1.018	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	0	0.230	0	0.885	0	0.000	0	0.885
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0564 - E-6 Series
Modification Nomenclature (Modification Title, Modification Number): Tech Insertion (OSIP 003-04) - 3		

Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs:
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Installation: Tech Insertion (OSIP 003-04)	Method of Implementation: [none specified]	Installation Name: Training Equipment
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	0	1.018	-	-	0	0.230	0	0.885	0	0.000	0	0.885

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	0	1.018
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	0	1.115
FY 2013	0	0.260	-	-	-	-	-	-	-	-	0	0.260
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	0	0.074	-	-	0	0.074
FY 2017	-	-	-	-	-	-	-	-	0	0.324	0	0.324
To Complete	-	-	-	-	-	-	-	-	0	0.846	0	0.846
Total	0	0.260	-	-	-	-	0	0.074	0	1.170	0	3.637

Installation Schedule																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
Out	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0

Installation: Tech Insertion (OSIP 003-04)	Method of Implementation: Organic - Water Tanks Kit	Installation Quantity: 16
Installation: Tech Insertion (OSIP 003-04)	Method of Implementation: Organic - Carbon Brakes Kit	Installation Quantity: 16
Installation: Tech Insertion (OSIP 003-04)	Method of Implementation: Organic - 85 HP Motor Equipment	Installation Quantity: 16
Installation: Tech Insertion (OSIP 003-04)	Method of Implementation: Organic - ARC 210 Radio/Crypto	Installation Quantity: 16

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0564 - E-6 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Tech Insertion (OSIP 003-04) - 3
Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs:
Installation: Tech Insertion (OSIP 003-04)	Method of Implementation: Organic - MCS Spiral 1 (UPS) Equipment	Installation Quantity: 16
Installation: Tech Insertion (OSIP 003-04)	Method of Implementation: Organic - CVLR Equipment	Installation Quantity: 16
Installation: Tech Insertion (OSIP 003-04)	Method of Implementation: Organic - HPTS Equipment	Installation Quantity: 16
Installation: Tech Insertion (OSIP 003-04)	Method of Implementation: Organic - HF ALE Equipment	Installation Quantity: 16
Installation: Tech Insertion (OSIP 003-04)	Method of Implementation: Organic - Keyers Equipment	Installation Quantity: 16
Installation: Tech Insertion (OSIP 003-04)	Method of Implementation: Organic - Shredder Equipment	Installation Quantity: 16
Installation: Tech Insertion (OSIP 003-04)	Method of Implementation: Organic - SDSU Equipment	Installation Quantity: 16
Installation: Tech Insertion (OSIP 003-04)	Method of Implementation: Organic - STE Equipment	Installation Quantity: 16
Installation: Tech Insertion (OSIP 003-04)	Method of Implementation: Organic - Seat Assemblies Equipment	Installation Quantity: 16
Installation: Tech Insertion (OSIP 003-04)	Method of Implementation: Organic - KG-3X	Installation Quantity: 16
Installation: Tech Insertion (OSIP 003-04)	Method of Implementation: Organic - SIL Equipment	Installation Quantity: 3
Installation: Tech Insertion (OSIP 003-04)	Method of Implementation: Organic - Lab Equipment	Installation Quantity: 8
Installation: Tech Insertion (OSIP 003-04)	Method of Implementation: Not Installed - Support Equipment	Installation Quantity: 7

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0564 - E-6 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): SLEP (OSIP 003-07) - 4

Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs:
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	29.381	15.250	12.030	25.324	0.000	25.324	17.024	24.457	23.873	10.237	43.559	201.135
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	29.381	15.250	12.030	25.324	0.000	25.324	17.024	24.457	23.873	10.237	43.559	201.135
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	29.381	15.250	12.030	25.324	0.000	25.324	17.024	24.457	23.873	10.237	43.559	201.135

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

DESCRIPTION/JUSTIFICATION: Service Life Extension Program (SLEP) (OSIP 003-07) is designed to extend the service life of the E-6B aircraft to 2040+, to include installation of the Crash Survivable Flight Incident Recorder (CSFIR) Phase 2. The unit cost per aircraft has increased due to Air Logistics Center labor rates and scope variability associated with Aircraft material condition.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: SLEP Installation Kit production buys in FY09 to FY16 (16 A/C) with installs in FY09 to FY16 (16 A/C). CSFIR Phase 2 NRE FY16 to beyond the FYDP with NRE and production kit buys and installs beyond the FYDP (16 A/C). FOC beyond the FYDP (16 A/C).

NOTE: Other Support is predominantly government labor.

NOTE FOR INSTALLATION SCHEDULE: Does not include quantities for 4 Trainers.

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Exhibit P-3A, Individual Modification: PB 2013 Navy								Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0564 - E-6 Series				Modification Nomenclature (<i>Modification Title, Modification Number</i>): SLEP (OSIP 003-07) - 4					
Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]				Related RDT&E PEs:						
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
SLEP (OSIP 003-07)													
A Kits													
Recurring													
1.1.1) SLEP Phase One Kits - NonOrganic													
	3	1.986	2	1.330	2	1.810	3	2.340	-	-	3	2.340	
1.1.2) CSFIR Phase Two Kit - NonOrganic													
	-	-	-	-	-	-	-	-	-	-	-	-	
<i>Subtotal Recurring</i>													
		1.986		1.330		1.810		2.340		0.000		2.340	
NonRecurring													
1.2.1) Installation Kits N/R - NonOrganic													
	-	6.413	-	-	-	-	-	-	-	-	-	-	
<i>Subtotal NonRecurring</i>													
		6.413		0.000		0.000		0.000		0.000		0.000	
<i>Total, SLEP (OSIP 003-07)</i>													
	3	8.399	2	1.330	2	1.810	3	2.340	-	-	3	2.340	
<i>Total, All Modifications</i>													
		8.399		1.330		1.810		2.340		0.000		2.340	
Support													
3.1) Engineering Change Order													
	-	0.000	-	-	-	-	-	-	-	-	-	-	
3.2) Data													
	-	0.000	-	-	-	-	-	-	-	-	-	-	
3.3) Training Equipment													
	-	-	-	-	-	-	-	-	-	-	-	-	
3.4) Support Equipment													
	-	0.794	-	-	-	-	-	-	-	-	-	-	
3.5) ILS													
	-	-	-	-	-	-	-	-	-	-	-	-	
3.6) Other Support													
	-	5.333	-	1.950	-	1.730	-	1.924	-	-	-	1.924	
3.7) Interim Contractor Support													
	-	0.000	-	-	-	-	-	-	-	-	-	-	
<i>Total Support Cost</i>													
		6.127		1.950		1.730		1.924		0.000		1.924	
<i>Procurement Cost (Procurement + Support)</i>													
		14.526		3.280		3.540		4.264		0.000		4.264	
<i>Total Installation Cost</i>													
		14.855		11.970		8.490		21.060		0.000		21.060	
Total Cost (Procurement + Support + Installation)													
		29.381		15.250		12.030		25.324		0.000		25.324	
Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
SLEP (OSIP 003-07)													

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0564 - E-6 Series
		Modification Nomenclature (<i>Modification Title, Modification Number</i>): SLEP (OSIP 003-07) - 4

Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs:
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
A Kits												
Recurring												
1.1.1) SLEP Phase One Kits - NonOrganic	2	1.527	3	2.240	1	0.868	-	-	-	-	16	12.101
1.1.2) CSFIR Phase Two Kit - NonOrganic	-	-	-	-	-	-	0	0.000	16	11.871	16	11.871
<i>Subtotal Recurring</i>		1.527		2.240		0.868		0.000		11.871		23.972
NonRecurring												
1.2.1) Installation Kits N/R - NonOrganic	-	-	-	-	-	13.167	-	8.312	-	2.923	-	30.815
<i>Subtotal NonRecurring</i>		0.000		0.000		13.167		8.312		2.923		30.815
<i>Total, SLEP (OSIP 003-07)</i>	2	1.527	3	2.240	1	14.035	-	8.312	16	14.794	32	54.787
<i>Total, All Modifications</i>		1.527		2.240		14.035		8.312		14.794		54.787
Support												
3.1) Engineering Change Order	-	-	-	-	-	-	-	-	-	-	-	-
3.2) Data	-	-	-	-	-	-	-	-	-	-	-	-
3.3) Training Equipment	-	-	-	-	-	-	0	0.000	4	4.823	4	4.823
3.4) Support Equipment	-	-	-	-	-	-	-	-	-	-	-	0.794
3.5) ILS	-	-	-	-	-	-	-	0.000	-	0.975	-	0.975
3.6) Other Support	-	1.756	-	2.059	-	2.025	-	1.925	-	11.144	-	29.846
3.7) Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		1.756		2.059		2.025		1.925		16.942		36.438
<i>Procurement Cost (Procurement + Support)</i>		3.283		4.299		16.060		10.237		31.736		91.225
<i>Total Installation Cost</i>		13.741		20.158		7.813		0.000		11.823		109.910
Total Cost (Procurement + Support + Installation)		17.024		24.457		23.873		10.237		43.559		201.135

Remarks:

Manufacturer Information: SLEP (OSIP 003-07)	
Manufacturer Name: Various	Manufacturer Location: Various
Administrative Leadtime (in Months): 0	Production Leadtime (in Months): 0

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates							

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0564 - E-6 Series
Modification Nomenclature (Modification Title, Modification Number): SLEP (OSIP 003-07) - 4		

Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs:
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Manufacturer Information: SLEP (OSIP 003-07)

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Delivery Dates							

Installation: SLEP (OSIP 003-07) **Method of Implementation:** Drive In **Installation Name:** SLEP Phase One Kits

Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	3	14.855	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	2	11.970	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	2	8.490	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	3	21.060	0	0.000	3	21.060
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	3	14.855	2	11.970	2	8.490	3	21.060	0	0.000	3	21.060

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	3	14.855
FY 2011	-	-	-	-	-	-	-	-	-	-	2	11.970
FY 2012	-	-	-	-	-	-	-	-	-	-	2	8.490
FY 2013	-	-	-	-	-	-	-	-	-	-	3	21.060
FY 2014	2	13.741	-	-	-	-	-	-	-	-	2	13.741
FY 2015	-	-	3	20.158	-	-	-	-	-	-	3	20.158
FY 2016	-	-	-	-	1	7.813	-	-	-	-	1	7.813
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	2	13.741	3	20.158	1	7.813	-	-	-	-	16	98.087

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0564 - E-6 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): SLEP (OSIP 003-07) - 4

Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs:
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Installation: SLEP (OSIP 003-07)	Method of Implementation: Drive In	Installation Name: SLEP Phase One Kits
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Installation Schedule																																	
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot		
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4				
In	3	-	-	1	1	-	-	1	1	-	1	1	1	-	1	1	-	-	1	1	1	1	-	-	1	-	-	-	-	-	-	-	
Out	2	1	-	-	1	1	-	-	1	2	-	1	1	-	-	1	1	-	-	1	1	1	1	-	-	1	-	-	-	-	-	-	-

Installation: SLEP (OSIP 003-07)	Method of Implementation: Drive In	Installation Name: CSFIR Phase Two Kit
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	0	0.000	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	-	-

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	0	0.000
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0564 - E-6 Series
Modification Nomenclature (Modification Title, Modification Number): SLEP (OSIP 003-07) - 4		

Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs:
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Installation: SLEP (OSIP 003-07)	Method of Implementation: Drive In	Installation Name: CSFIR Phase Two Kit
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Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	16	11.491	16	11.491
Total	-	-	-	-	-	-	-	-	16	11.491	16	11.491

Installation Schedule																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	16
Out	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	16

Installation: SLEP (OSIP 003-07)	Method of Implementation: [none specified]	Installation Name: Training Equipment
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	0	0.000	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	-	-

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	0	0.000
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0564 - E-6 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): SLEP (OSIP 003-07) - 4

Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs:
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Installation: SLEP (OSIP 003-07)	Method of Implementation: [none specified]	Installation Name: Training Equipment
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Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	0	0.332	0	0.332
Total	-	-	-	-	-	-	-	-	0	0.332	0	0.332

Installation Schedule

	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Out	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0564 - E-6 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): COMMUNICATIONS (IP/T3) UPGRADE (OSIP 012-07) - 5

Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs:
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	137.503	11.979	19.956	13.046	0.000	13.046	19.244	17.546	17.980	18.591	12.792	268.637
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	137.503	11.979	19.956	13.046	0.000	13.046	19.244	17.546	17.980	18.591	12.792	268.637
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	137.503	11.979	19.956	13.046	0.000	13.046	19.244	17.546	17.980	18.591	12.792	268.637

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

DESCRIPTION/JUSTIFICATION: OSD PDM III directed funding to establish and maintain Internet Protocol (IP) connectivity using various wideband communications links in support of command and control operations onboard the E-6B aircraft. The IP effort installs International Marine/Maritime Satellite (INMARSAT) commercial satellite access for global communications connectivity (Phase 1); removes the Utility Trailing Wire Antenna (UTWA) to provide weight and space margin for aircraft modifications (Phase 3).

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: Phase 1 INMARSAT NRE and NRE kit installation completed FY09. Phase 3 UTWA removal NRE completed in FY08 with NRE kit installation completed FY09. Phase 1 and 3 aircraft production kit buys in FY10-FY17 (15 A/C) with installs in FY11 to beyond the FYDP (15 A/C). IPBE Phase 1 and 3 installations will be completed concurrently with the Block I production program. FOC FY18 (16 A/C).

NOTE: Other Support is predominantly government labor.

NOTE FOR INSTALLATION SCHEDULE: Does not include quantities for 3 Labs and 16 Trainers.

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy								Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0564 - E-6 Series				Modification Nomenclature (<i>Modification Title, Modification Number</i>): COMMUNICATIONS (IP/T3) UPGRADE (OSIP 012-07) - 5					
Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]					Related RDT&E PEs:					
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
COMMUNICATIONS (IP/T3) UPGRADE (OSIP 012-07)													
A Kits													
Recurring													
1.1.1) Phase One Kit - NonOrganic	4	1.423	-	-	2	0.876	2	0.892	-	-	2	0.892	
1.1.2) Phase Three Kit - NonOrganic	4	1.735	-	-	2	1.264	2	1.290	-	-	2	1.290	
1.1.3) Phase Four Kit - NonOrganic	16	4.649	-	-	-	-	-	-	-	-	-	-	
1.1.4) Lab Kit - NonOrganic	3	1.356	-	-	-	-	-	-	-	-	-	-	
<i>Subtotal Recurring</i>		9.163		0.000		2.140		2.182		0.000		2.182	
NonRecurring													
1.2.1) Installation Kit N/R - NonOrganic	-	53.769	-	-	-	-	-	-	-	-	-	-	
<i>Subtotal NonRecurring</i>		53.769		0.000		0.000		0.000		0.000		0.000	
B Kits													
Recurring													
2.1.1) Phase One Equipment - Organic	4	1.655	-	-	2	1.312	2	1.340	-	-	2	1.340	
2.1.2) Phase Three Equipment - Organic	4	1.628	-	-	2	1.896	2	1.934	-	-	2	1.934	
2.1.3) Phase Four Equipment - Organic	16	2.408	-	-	-	-	-	-	-	-	-	-	
2.1.4) Lab Equipment - Organic	3	1.259	-	-	-	-	-	-	-	-	-	-	
<i>Subtotal Recurring</i>		6.950		0.000		3.208		3.274		0.000		3.274	
<i>Total, COMMUNICATIONS (IP/T3) UPGRADE (OSIP 012-07)</i>	54	69.882	-	-	8	5.348	8	5.456	-	-	8	5.456	
<i>Total, All Modifications</i>		69.882		0.000		5.348		5.456		0.000		5.456	
Support													
3.1) Engineering Change Orders	-	0.000	-	-	-	-	-	-	-	-	-	-	
3.2) Data	-	1.871	-	0.597	-	0.133	-	0.138	-	-	-	0.138	
3.3) Training Equipment	12	10.069	-	-	-	-	2	1.074	-	-	2	1.074	
3.4) Support Equipment	-	0.000	-	-	-	-	-	-	-	-	-	-	
3.5) ILS	-	3.169	-	-	-	-	-	-	-	-	-	-	
3.6) Other Support	-	36.720	-	3.495	-	2.754	-	2.393	-	-	-	2.393	

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0564 - E-6 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): COMMUNICATIONS (IP/T3) UPGRADE (OSIP 012-07) - 5

Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs:										
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
3.7) Interim Contractor Support	-	0.000	-	-	-	-	-	-	-	-	-	-
Total Support Cost		51.829		4.092		2.887		3.605		0.000		3.605
Procurement Cost (Procurement + Support)		121.711		4.092		8.235		9.061		0.000		9.061
Total Installation Cost		15.792		7.887		11.721		3.985		0.000		3.985
Total Cost (Procurement + Support + Installation)		137.503		11.979		19.956		13.046		0.000		13.046

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
COMMUNICATIONS (IP/T3) UPGRADE (OSIP 012-07)												
A Kits												
Recurring												
1.1.1) Phase One Kit - NonOrganic	2	0.910	2	0.928	2	0.948	2	0.966	-	-	16	6.943
1.1.2) Phase Three Kit - NonOrganic	2	1.316	2	1.342	2	1.368	2	1.396	-	-	16	9.711
1.1.3) Phase Four Kit - NonOrganic	-	-	-	-	-	-	-	-	-	-	16	4.649
1.1.4) Lab Kit - NonOrganic	-	-	-	-	-	-	-	-	-	-	3	1.356
Subtotal Recurring		2.226		2.270		2.316		2.362		0.000		22.659
NonRecurring												
1.2.1) Installation Kit N/R - NonOrganic	-	-	-	-	-	-	-	-	-	-	-	53.769
Subtotal NonRecurring		0.000		0.000		0.000		0.000		0.000		53.769
B Kits												
Recurring												
2.1.1) Phase One Equipment - Organic	2	1.366	2	1.394	2	1.420	2	1.450	-	-	16	9.937
2.1.2) Phase Three Equipment - Organic	2	1.972	2	2.012	2	2.054	2	2.094	-	-	16	13.590
2.1.3) Phase Four Equipment - Organic	-	-	-	-	-	-	-	-	-	-	16	2.408
2.1.4) Lab Equipment - Organic	-	-	-	-	-	-	-	-	-	-	3	1.259
Subtotal Recurring		3.338		3.406		3.474		3.544		0.000		27.194
Total, COMMUNICATIONS (IP/T3) UPGRADE (OSIP 012-07)	8	5.564	8	5.676	8	5.790	8	5.906	-	-	102	103.622

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0564 - E-6 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): COMMUNICATIONS (IP/T3) UPGRADE (OSIP 012-07) - 5

Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs:										
Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
<i>Total, All Modifications</i>		5.564		5.676		5.790		5.906		0.000		103.622
Support												
3.1) Engineering Change Orders	-	-	-	-	-	-	-	-	-	-	-	-
3.2) Data	-	-	-	-	-	-	-	-	-	-	-	2.739
3.3) Training Equipment	2	1.166	-	-	-	-	-	-	-	-	16	12.309
3.4) Support Equipment	-	-	-	-	-	-	-	-	-	-	-	-
3.5) ILS	-	-	-	-	-	-	-	-	-	-	-	3.169
3.6) Other Support	-	3.434	-	3.580	-	3.734	-	4.059	-	4.068	-	64.237
3.7) Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		4.600		3.580		3.734		4.059		4.068		82.454
<i>Procurement Cost (Procurement + Support)</i>		10.164		9.256		9.524		9.965		4.068		186.076
<i>Total Installation Cost</i>		9.080		8.290		8.456		8.626		8.724		82.561
Total Cost (Procurement + Support + Installation)		19.244		17.546		17.980		18.591		12.792		268.637

Remarks:

Manufacturer Information: COMMUNICATIONS (IP/T3) UPGRADE (OSIP 012-07)

Manufacturer Name: various					Manufacturer Location: various							
Administrative Leadtime (in Months): 0					Production Leadtime (in Months): 0							
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017					
Contract Dates												
Delivery Dates												

Installation: COMMUNICATIONS (IP/T3) UPGRADE (OSIP 012-07) Method of Implementation: Drive In Installation Name: Phase One Kit

Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	1	7.209	1	2.584	2	3.378	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0564 - E-6 Series
		Modification Nomenclature (<i>Modification Title, Modification Number</i>): COMMUNICATIONS (IP/T3) UPGRADE (OSIP 012-07) - 5

Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs:
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Installation: COMMUNICATIONS (IP/T3) UPGRADE (OSIP 012-07)	Method of Implementation: Drive In	Installation Name: Phase One Kit
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
FY 2012	-	-	-	-	1	1.689	1	1.723	0	0.000	1	1.723
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	1	7.209	1	2.584	3	5.067	1	1.723	0	0.000	1	1.723

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	4	13.171
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	2	3.412
FY 2013	2	3.514	-	-	-	-	-	-	-	-	2	3.514
FY 2014	-	-	2	3.584	-	-	-	-	-	-	2	3.584
FY 2015	-	-	-	-	2	3.656	-	-	-	-	2	3.656
FY 2016	-	-	-	-	-	-	2	3.730	-	-	2	3.730
FY 2017	-	-	-	-	-	-	-	-	2	3.730	2	3.730
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	2	3.514	2	3.584	2	3.656	2	3.730	2	3.730	16	34.797

Installation Schedule																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	1	-	1	-	-	1	1	-	1	-	1	-	-	1	-	1	-	1	-	1	-	1	1	-	-	1	1	-	-	2	16
Out	1	-	-	1	-	-	1	1	-	1	-	1	-	-	1	-	1	-	1	-	1	-	1	1	-	-	1	1	-	2	16

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0564 - E-6 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): COMMUNICATIONS (IP/T3) UPGRADE (OSIP 012-07) - 5

Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs:
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Installation: COMMUNICATIONS (IP/T3) UPGRADE (OSIP 012-07)	Method of Implementation: Drive In	Installation Name: Phase Three Kit
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	1	6.306	1	2.773	2	4.436	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	1	2.218	1	2.262	0	0.000	1	2.262
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	1	6.306	1	2.773	3	6.654	1	2.262	0	0.000	1	2.262

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	4	13.515
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	2	4.480
FY 2013	2	4.614	-	-	-	-	-	-	-	-	2	4.614
FY 2014	-	-	2	4.706	-	-	-	-	-	-	2	4.706
FY 2015	-	-	-	-	2	4.800	-	-	-	-	2	4.800
FY 2016	-	-	-	-	-	-	2	4.896	-	-	2	4.896
FY 2017	-	-	-	-	-	-	-	-	2	4.994	2	4.994
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	2	4.614	2	4.706	2	4.800	2	4.896	2	4.994	16	42.005

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0564 - E-6 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): COMMUNICATIONS (IP/T3) UPGRADE (OSIP 012-07) - 5

Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs:
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Installation: COMMUNICATIONS (IP/T3) UPGRADE (OSIP 012-07)	Method of Implementation: Drive In	Installation Name: Phase Three Kit
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Installation Schedule																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	1	-	1	-	-	1	1	-	1	-	1	-	-	1	-	1	-	1	-	1	-	1	1	-	-	1	1	-	-	2	16
Out	1	-	-	1	-	-	1	1	-	1	-	1	-	-	1	-	1	-	1	-	1	-	1	1	-	-	1	1	-	2	16

Installation: COMMUNICATIONS (IP/T3) UPGRADE (OSIP 012-07)	Method of Implementation: Drive In	Installation Name: Phase Four Kit
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	16	0.964	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	16	0.964	-	-	-	-	-	-	-	-	-	-

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	16	0.964
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0564 - E-6 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): COMMUNICATIONS (IP/T3) UPGRADE (OSIP 012-07) - 5

Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs:
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Installation: COMMUNICATIONS (IP/T3) UPGRADE (OSIP 012-07)	Method of Implementation: Drive In	Installation Name: Phase Four Kit
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Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	16	0.964

Installation Schedule																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16
Out	14	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16

Installation: COMMUNICATIONS (IP/T3) UPGRADE (OSIP 012-07)	Method of Implementation: Drive in	Installation Name: Lab Kit
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	0	1.113	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	0	1.113	-	-	-	-	-	-	-	-	-	-

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0564 - E-6 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): COMMUNICATIONS (IP/T3) UPGRADE (OSIP 012-07) - 5

Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs:
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Installation: COMMUNICATIONS (IP/T3) UPGRADE (OSIP 012-07)	Method of Implementation: Drive in	Installation Name: Lab Kit
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Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	0	1.113
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	0	1.113

Installation Schedule																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
Out	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0

Installation: COMMUNICATIONS (IP/T3) UPGRADE (OSIP 012-07)	Method of Implementation: [none specified]	Installation Name: Training Equipment
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	0	0.200	0	2.530	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0564 - E-6 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): COMMUNICATIONS (IP/T3) UPGRADE (OSIP 012-07) - 5

Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs:
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Installation: COMMUNICATIONS (IP/T3) UPGRADE (OSIP 012-07)	Method of Implementation: [none specified]	Installation Name: Training Equipment
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	0	0.200	0	2.530	-	-	-	-	-	-	-	-

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	0	2.730
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	0	0.477	-	-	-	-	-	-	-	-	0	0.477
FY 2014	0	0.475	-	-	-	-	-	-	-	-	0	0.475
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	0	0.952	-	-	-	-	-	-	-	-	0	3.682

Installation Schedule																														
APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0		
Out	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0		

Installation: COMMUNICATIONS (IP/T3) UPGRADE (OSIP 012-07)	Method of Implementation: Organic - Phase One Equipment	Installation Quantity: 16
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Installation: COMMUNICATIONS (IP/T3) UPGRADE (OSIP 012-07)	Method of Implementation: Organic - Phase Three Equipment	Installation Quantity: 16
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Installation: COMMUNICATIONS (IP/T3) UPGRADE (OSIP 012-07)	Method of Implementation: Organic - Phase Four Equipment	Installation Quantity: 16
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UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0564 - E-6 Series	Modification Nomenclature <i>(Modification Title, Modification Number):</i> COMMUNICATIONS (IP/T3) UPGRADE (OSIP 012-07) - 5
Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs:
Installation: COMMUNICATIONS (IP/T3) UPGRADE (OSIP 012-07)	Method of Implementation: Organic - Lab Equipment	Installation Quantity: 3

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0564 - E-6 Series	Modification Nomenclature <i>(Modification Title, Modification Number):</i> E-6 MISSION DEFICIENCIES IMPROVEMENTS (BLOCK I) (OSIP 008-10) - 6

Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs: 0101402N
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	41.044	79.352	71.043	44.516	0.000	44.516	62.462	59.093	51.830	54.424	28.358	492.122
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	41.044	79.352	71.043	44.516	0.000	44.516	62.462	59.093	51.830	54.424	28.358	492.122
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	41.044	79.352	71.043	44.516	0.000	44.516	62.462	59.093	51.830	54.424	28.358	492.122

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

DESCRIPTION/JUSTIFICATION: The Block I Modification corrects ABNCP FOT&E deficiencies and replaces equipment that is obsolete or degrades mission performance. The modification installs an Open Systems Architecture (OSA), updates the Internal Communications System (ICS); replaces the Mission Computer Set with the Mission Avionics Processor System (MAPS); adds operator work stations; replaces the UHF C3 modem and addresses cooling and electrical power system requirements to meet updated equipment demands. Block I Technology Refresh addresses obsolescence, supportability, new technologies, systems updates and interoperability issues in Block I's commercial-off-the-shelf hardware and software. Block I Technology Refresh addresses obsolescence, supportability, new technologies, systems updates and interoperability issues in Block I's commercial-off-the-shelf hardware and software.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: MS-B achieved Mar 2004; DRR complete Aug 2007; DT complete 2Q FY10; MS-C 3Q FY10; OPEVAL 1Q FY11; Low Rate Initial Production (LRIP) of 1 kit buy in FY10 and 3 kit buys in FY11 with installs in FY11 and FY12. Full Rate Production (FRP) kit buys FY12-FY17 (11 A/C) with installs in FY13-to beyond the FYDP. IOC 1QFY14 (5 A/C). FOC beyond the FYDP (16 A/C). Tech Refresh NRE in FY13-14 with NRE kit buy in FY14 and installation in FY15. Production kit buys in FY14-18 with installs in FY15-19. FOC FY19 (16 A/C).

NOTE: Other Support is predominantly government labor.

NOTE FOR INSTALLATION SCHEDULE: Does not include quantities of 8 Trainers.

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0564 - E-6 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): E-6 MISSION DEFICIENCIES IMPROVEMENTS (BLOCK I) (OSIP 008-10) - 6

Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs: 0101402N
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
E-6 MISSION DEFICIENCIES IMPROVEMENTS (BLOCK I) (OSIP 008-10)												
A Kits												
Recurring												
1.1.1) BLOCK ONE Kit - NonOrganic	1	4.583	3	13.860	1	3.850	2	7.931	-	-	2	7.931
1.1.2) TECH REFRESH - NonOrganic	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal Recurring</i>		4.583		13.860		3.850		7.931		0.000		7.931
NonRecurring												
1.2.1) Installation Kits N/R - NonOrganic	-	14.437	-	-	-	-	-	6.750	-	-	-	6.750
<i>Subtotal NonRecurring</i>		14.437		0.000		0.000		6.750		0.000		6.750
B Kits												
Recurring												
2.1.1) BLOCK ONE Equipment - Organic	1	6.875	3	25.740	1	7.150	2	14.729	-	-	2	14.729
2.1.2) TECH REFRESH - Organic	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal Recurring</i>		6.875		25.740		7.150		14.729		0.000		14.729
<i>Total, E-6 MISSION DEFICIENCIES IMPROVEMENTS (BLOCK I) (OSIP 008-10)</i>	2	25.895	6	39.600	2	11.000	4	29.410	-	-	4	29.410
<i>Total, All Modifications</i>		25.895		39.600		11.000		29.410		0.000		29.410
Support												
3.1) Engineering Change Orders	-	0.000	-	-	-	-	-	-	-	-	-	-
3.2) Data	-	-	-	1.774	-	-	-	-	-	-	-	-
3.3) Training Equipment	2	10.303	2	8.428	2	15.654	-	-	-	-	-	-
3.4) Support Equipment	-	1.650	1	8.192	2	12.353	-	-	-	-	-	-
3.5) ILS	-	-	-	1.283	-	1.030	-	-	-	-	-	-
3.6) Other Support	-	-	-	11.114	-	8.150	-	7.606	-	-	-	7.606
3.7) Interim Contractor Support	-	0.000	-	-	-	-	-	-	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0564 - E-6 Series	Modification Nomenclature <i>(Modification Title, Modification Number):</i> E-6 MISSION DEFICIENCIES IMPROVEMENTS (BLOCK I) (OSIP 008-10) - 6

Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs: 0101402N
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
<i>Total Support Cost</i>		11.953		30.791		37.187		7.606		0.000		7.606
<i>Procurement Cost (Procurement + Support)</i>		37.848		70.391		48.187		37.016		0.000		37.016
<i>Total Installation Cost</i>		3.196		8.961		22.856		7.500		0.000		7.500
Total Cost (Procurement + Support + Installation)		41.044		79.352		71.043		44.516		0.000		44.516

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
E-6 MISSION DEFICIENCIES IMPROVEMENTS (BLOCK I) (OSIP 008-10)												
A Kits												
Recurring												
1.1.1) BLOCK ONE Kit - NonOrganic	2	8.169	2	8.414	2	8.666	2	8.926	-	-	15	64.399
1.1.2) TECH REFRESH - NonOrganic	5	3.145	3	1.944	3	2.002	3	2.062	2	1.416	16	10.569
<i>Subtotal Recurring</i>		11.314		10.358		10.668		10.988		1.416		74.968
NonRecurring												
1.2.1) Installation Kits N/R - NonOrganic	-	5.200	-	-	-	-	-	-	-	-	-	26.387
<i>Subtotal NonRecurring</i>		5.200		0.000		0.000		0.000		0.000		26.387
B Kits												
Recurring												
2.1.1) BLOCK ONE Equipment - Organic	2	15.171	2	15.626	2	16.095	2	16.578	-	-	15	117.964
2.1.2) TECH REFRESH - Organic	5	5.355	3	3.309	3	3.410	3	3.512	2	2.412	16	17.998
<i>Subtotal Recurring</i>		20.526		18.935		19.505		20.090		2.412		135.962
<i>Total, E-6 MISSION DEFICIENCIES IMPROVEMENTS (BLOCK I) (OSIP 008-10)</i>	14	37.040	10	29.293	10	30.173	10	31.078	4	3.828	62	237.317
<i>Total, All Modifications</i>		37.040		29.293		30.173		31.078		3.828		237.317
Support												

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0564 - E-6 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): E-6 MISSION DEFICIENCIES IMPROVEMENTS (BLOCK I) (OSIP 008-10) - 6

Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs: 0101402N
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
3.1) Engineering Change Orders	-	-	-	-	-	-	-	-	-	-	-	-
3.2) Data	-	0.186	-	-	-	-	-	-	-	-	-	1.960
3.3) Training Equipment	1	1.400	1	1.365	-	-	-	-	-	-	8	37.150
3.4) Support Equipment	-	-	-	-	-	-	-	-	-	-	3	22.195
3.5) ILS	-	0.220	-	-	-	-	-	-	-	-	-	2.533
3.6) Other Support	-	7.346	-	7.406	-	2.629	-	3.748	-	2.425	-	50.424
3.7) Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	-
Total Support Cost		9.152		8.771		2.629		3.748		2.425		114.262
Procurement Cost (Procurement + Support)		46.192		38.064		32.802		34.826		6.253		351.579
Total Installation Cost		16.270		21.029		19.028		19.598		22.105		140.543
Total Cost (Procurement + Support + Installation)		62.462		59.093		51.830		54.424		28.358		492.122

Remarks:

Manufacturer Information: E-6 MISSION DEFICIENCIES IMPROVEMENTS (BLOCK I) (OSIP 008-10)

Manufacturer Name: Rockwell Collins	Manufacturer Location: Richardson, TX
Administrative Leadtime (in Months): 1	Production Leadtime (in Months): 12

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates	Nov 2010	Nov 2011	Nov 2012				
Delivery Dates	Nov 2011	Nov 2012	Nov 2013				

Installation: E-6 MISSION DEFICIENCIES IMPROVEMENTS (BLOCK I) (OSIP 008-10)	Method of Implementation: [none specified]	Installation Name: BLOCK ONE Kit
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	1	8.411	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	3	22.385	-	-	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0564 - E-6 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): E-6 MISSION DEFICIENCIES IMPROVEMENTS (BLOCK I) (OSIP 008-10) - 6

Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs: 0101402N
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Installation: E-6 MISSION DEFICIENCIES IMPROVEMENTS (BLOCK I) (OSIP 008-10)	Method of Implementation: [none specified]	Installation Name: BLOCK ONE Kit
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
FY 2012	-	-	-	-	-	-	1	7.500	0	0.000	1	7.500
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	1	8.411	3	22.385	1	7.500	0	0.000	1	7.500

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	1	8.411
FY 2011	-	-	-	-	-	-	-	-	-	-	3	22.385
FY 2012	-	-	-	-	-	-	-	-	-	-	1	7.500
FY 2013	2	15.450	-	-	-	-	-	-	-	-	2	15.450
FY 2014	-	-	2	15.914	-	-	-	-	-	-	2	15.914
FY 2015	-	-	-	-	2	16.391	-	-	-	-	2	16.391
FY 2016	-	-	-	-	-	-	2	16.883	-	-	2	16.883
FY 2017	-	-	-	-	-	-	-	-	2	17.389	2	17.389
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	2	15.450	2	15.914	2	16.391	2	16.883	2	17.389	15	120.323

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0564 - E-6 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): E-6 MISSION DEFICIENCIES IMPROVEMENTS (BLOCK I) (OSIP 008-10) - 6

Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs: 0101402N
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Installation: E-6 MISSION DEFICIENCIES IMPROVEMENTS (BLOCK I) (OSIP 008-10)	Method of Implementation: [none specified]	Installation Name: BLOCK ONE Kit
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Installation Schedule																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	1	-	1	-	2	-	-	-	1	1	-	-	1	-	1	-	1	-	1	-	1	-	1	2	15		
Out	-	-	-	-	-	-	1	-	1	-	2	-	-	1	-	1	-	1	-	1	-	1	-	1	-	1	3	15			

Installation: E-6 MISSION DEFICIENCIES IMPROVEMENTS (BLOCK I) (OSIP 008-10)	Method of Implementation: [none specified]	Installation Name: TECH REFRESH
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	-	-

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0564 - E-6 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): E-6 MISSION DEFICIENCIES IMPROVEMENTS (BLOCK I) (OSIP 008-10) - 6

Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs: 0101402N
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Installation: E-6 MISSION DEFICIENCIES IMPROVEMENTS (BLOCK I) (OSIP 008-10)	Method of Implementation: [none specified]	Installation Name: TECH REFRESH
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Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
FY 2014	-	-	5	4.265	-	-	-	-	-	-	5	4.265
FY 2015	-	-	-	-	3	2.637	-	-	-	-	3	2.637
FY 2016	-	-	-	-	-	-	3	2.715	-	-	3	2.715
FY 2017	-	-	-	-	-	-	-	-	3	2.796	3	2.796
To Complete	-	-	-	-	-	-	-	-	2	1.920	2	1.920
Total	-	-	5	4.265	3	2.637	3	2.715	5	4.716	16	14.333

Installation Schedule																														
APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	1	1	-	1	1	1	-	1	1	1	5	16
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	1	1	-	1	1	1	-	1	1	6	16

Installation: E-6 MISSION DEFICIENCIES IMPROVEMENTS (BLOCK I) (OSIP 008-10)	Method of Implementation: [none specified]	Installation Name: Training Equipment
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	0	3.196	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	0	0.550	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	0	0.471	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0564 - E-6 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): E-6 MISSION DEFICIENCIES IMPROVEMENTS (BLOCK I) (OSIP 008-10) - 6

Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs: 0101402N
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Installation: E-6 MISSION DEFICIENCIES IMPROVEMENTS (BLOCK I) (OSIP 008-10)	Method of Implementation: [none specified]	Installation Name: Training Equipment										
Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	0	3.196	0	0.550	0	0.471	-	-	-	-	-	-

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>
All Prior Years	-	-	-	-	-	-	-	-	-	-	0	3.196
FY 2011	-	-	-	-	-	-	-	-	-	-	0	0.550
FY 2012	-	-	-	-	-	-	-	-	-	-	0	0.471
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	0	0.820	-	-	-	-	-	-	-	-	0	0.820
FY 2015	-	-	0	0.850	-	-	-	-	-	-	0	0.850
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	0	0.820	0	0.850	-	-	-	-	-	-	0	5.887

Installation Schedule																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017					
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
In	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
Out	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0

Installation: E-6 MISSION DEFICIENCIES IMPROVEMENTS (BLOCK I) (OSIP 008-10)	Method of Implementation: Organic - BLOCK ONE Equipment	Installation Quantity: 15
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UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0564 - E-6 Series	Modification Nomenclature <i>(Modification Title, Modification Number):</i> E-6 MISSION DEFICIENCIES IMPROVEMENTS (BLOCK I) (OSIP 008-10) - 6
Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs: 0101402N
Installation: E-6 MISSION DEFICIENCIES IMPROVEMENTS (BLOCK I) (OSIP 008-10)	Method of Implementation: Organic - TECH REFRESH	Installation Quantity: 16
Installation: E-6 MISSION DEFICIENCIES IMPROVEMENTS (BLOCK I) (OSIP 008-10)	Method of Implementation: Not Installed - Support Equipment	Installation Quantity: 3

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0564 - E-6 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): BLOCK II (OSIP 013-10) - 7

Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs:
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	8.094	0.000	13.013	35.639	0.000	35.639	55.468	63.898	70.910	73.172	57.486	377.680
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	8.094	0.000	13.013	35.639	0.000	35.639	55.468	63.898	70.910	73.172	57.486	377.680
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	8.094	0.000	13.013	35.639	0.000	35.639	55.468	63.898	70.910	73.172	57.486	377.680

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

DESCRIPTION/JUSTIFICATION:

Block II (OSIP 013-10) PDMIII directed funding to install the Multi-Role Tactical Common Data Link (MR-TCDL) to provide T3 bandwidth (44 Mb/s) to interoperate with USSTRATCOM's migration to a distributed National C2 system. PDMIII separately directed the replacement of obsolete MILSTAR terminals with Advanced Extremely High Frequency (AEHF) Family of Advanced Beyond-Line-of-Sight Terminals (FAB-T) to include Presidential and National Voice Conferencing (PNVC). The Block II modification program encompasses two separate programs: MR-TCDL and AEHF FAB-T/PNVC. All FY12 and FY13 funding is currently in support of the E-6B MR-TCDL NRE contract.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES:

Navy integration of production systems from existing programs. FY10 purchase of MR-TCDL Install Equipment Kit as GFE for NRE Lab installation. MR-TCDL contract award FY12; NRE in FY12-FY13 with NRE kit buy in FY13 and installation in FY14. Production kit buys in FY15-17 (15 A/C), with installs FY16 to beyond the FYDP (15 A/C). FOC beyond the FYDP (16A/C). MR-TCDL (Army) currently in production. Air Force to provide AEHF FAB-T systems at no cost to Navy. AEHF FAB-T/PNVC contract award FY14. NRE in FY14 with NRE kit buy in FY14 and installation in FY15; Production kit buys in FY17 to beyond the FYDP (15 A/C), with installs FY18 and beyond the FYDP (15 A/C). FOC beyond the FYDP (16 A/C).

NOTE: Other Support is predominantly government labor.

NOTE FOR INSTALLATION SCHEDULE: Does not include quantities for 9 Trainer and 3 Labs. 1 Lab Kit (FY13) does not get installed.

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy								Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0564 - E-6 Series				Modification Nomenclature (<i>Modification Title, Modification Number</i>): BLOCK II (OSIP 013-10) - 7					
Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]				Related RDT&E PEs:						
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
BLOCK II (OSIP 013-10)													
A Kits													
Recurring													
1.1.1) AEHF/FAB-T Kit - NonOrganic	-	-	-	-	-	-	-	-	-	-	-	-	
1.1.2) MRTCDL Kit - NonOrganic	-	-	-	-	-	-	1	1.346	-	-	1	1.346	
1.1.3) PNVC Kit - NonOrganic	-	-	-	-	-	-	-	-	-	-	-	-	
1.1.4) Lab Kit - NonOrganic	-	-	-	-	1	1.300	1	0.524	-	-	1	0.524	
<i>Subtotal Recurring</i>		0.000		0.000		1.300		1.870		0.000		1.870	
NonRecurring													
1.2.1) Installation Kit N/R - NonOrganic	-	-	-	-	-	4.397	-	16.775	-	-	-	16.775	
<i>Subtotal NonRecurring</i>		0.000		0.000		4.397		16.775		0.000		16.775	
B Kits													
Recurring													
2.1.1) AEHF/FAB-T Equipment - Organic	-	-	-	-	-	-	-	-	-	-	-	-	
2.1.2) MRTCDL Equipment - Organic	-	-	-	-	-	-	1	3.882	-	-	1	3.882	
2.1.3) PNVC Equipment - Organic	-	-	-	-	-	-	-	-	-	-	-	-	
2.1.4) Lab Equipment - Organic	1	3.369	-	-	-	-	-	-	-	-	-	-	
<i>Subtotal Recurring</i>		3.369		0.000		0.000		3.882		0.000		3.882	
<i>Total, BLOCK II (OSIP 013-10)</i>	1	3.369	-	-	1	5.697	3	22.527	-	-	3	22.527	
<i>Total, All Modifications</i>		3.369		0.000		5.697		22.527		0.000		22.527	
Support													
3.1) Enineering Change Orders	-	0.000	-	-	-	-	-	-	-	-	-	-	
3.2) Data	-	-	-	-	-	-	-	1.300	-	-	-	1.300	
3.3) Training Equipment	-	-	-	-	-	-	-	-	-	-	-	-	
3.4) Support Equipment	-	-	-	-	-	-	-	-	-	-	-	-	
3.5) ILS	-	-	-	-	-	1.251	-	1.087	-	-	-	1.087	
3.6) Other Support	-	4.725	-	-	-	6.065	-	8.517	-	-	-	8.517	
3.7) Interim Contractor Support	-	0.000	-	-	-	-	-	-	-	-	-	-	

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0564 - E-6 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): BLOCK II (OSIP 013-10) - 7

Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs:										
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
<i>Total Support Cost</i>		4.725		0.000		7.316		10.904		0.000		10.904
<i>Procurement Cost (Procurement + Support)</i>		8.094		0.000		13.013		33.431		0.000		33.431
<i>Total Installation Cost</i>		0.000		0.000		0.000		2.208		0.000		2.208
Total Cost (Procurement + Support + Installation)		8.094		0.000		13.013		35.639		0.000		35.639

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
BLOCK II (OSIP 013-10)												
A Kits												
Recurring												
1.1.1) AEHF/FAB-T Kit - NonOrganic	1	0.578	-	-	-	-	11	7.355	4	2.809	16	10.742
1.1.2) MRTCDL Kit - NonOrganic	-	-	5	7.211	4	5.968	6	9.265	-	-	16	23.790
1.1.3) PNVC Kit - NonOrganic	-	-	1	0.244	-	-	11	2.838	4	1.064	16	4.146
1.1.4) Lab Kit - NonOrganic	-	-	1	0.237	-	-	-	-	-	-	3	2.061
<i>Subtotal Recurring</i>		0.578		7.692		5.968		19.458		3.873		40.739
NonRecurring												
1.2.1) Installation Kit N/R - NonOrganic	-	16.612	-	5.211	-	1.641	-	-	-	-	-	44.636
<i>Subtotal NonRecurring</i>		16.612		5.211		1.641		0.000		0.000		44.636
B Kits												
Recurring												
2.1.1) AEHF/FAB-T Equipment - Organic	1	0.000	-	-	-	-	11	0.000	4	0.000	16	0.000
2.1.2) MRTCDL Equipment - Organic	-	-	5	20.790	4	17.206	6	26.712	-	-	16	68.590
2.1.3) PNVC Equipment - Organic	-	-	1	0.297	-	-	11	3.267	4	1.188	16	4.752
2.1.4) Lab Equipment - Organic	-	-	1	0.315	-	-	-	-	-	-	2	3.684
<i>Subtotal Recurring</i>		0.000		21.402		17.206		29.979		1.188		77.026
<i>Total, BLOCK II (OSIP 013-10)</i>	2	17.190	14	34.305	8	24.815	56	49.437	16	5.061	101	162.401
<i>Total, All Modifications</i>		17.190		34.305		24.815		49.437		5.061		162.401
Support												

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0564 - E-6 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): BLOCK II (OSIP 013-10) - 7

Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs:
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
3.1) Engineering Change Orders	-	-	-	-	-	-	-	-	-	-	-	-
3.2) Data	-	3.800	-	0.523	-	-	-	-	-	-	-	5.623
3.3) Training Equipment	-	9.661	1	5.578	6	23.606	1	0.745	-	-	8	39.590
3.4) Support Equipment	-	4.000	4	6.826	-	0.851	-	-	-	-	4	11.677
3.5) ILS	-	4.088	-	3.223	-	0.535	-	0.426	-	-	-	10.610
3.6) Other Support	-	13.309	-	12.204	-	3.741	-	4.570	-	9.852	-	62.983
3.7) Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	-
Total Support Cost		34.858		28.354		28.733		5.741		9.852		130.483
Procurement Cost (Procurement + Support)		52.048		62.659		53.548		55.178		14.913		292.884
Total Installation Cost		3.420		1.239		17.362		17.994		42.573		84.796
Total Cost (Procurement + Support + Installation)		55.468		63.898		70.910		73.172		57.486		377.680

Remarks:

Manufacturer Information: BLOCK II (OSIP 013-10)							
Manufacturer Name: TBD				Manufacturer Location: TBD			
Administrative Leadtime (in Months): 2				Production Leadtime (in Months): 0			
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates		Nov 2011	Nov 2012	Nov 2013			
Delivery Dates							

Installation: BLOCK II (OSIP 013-10)	Method of Implementation: Drive In	Installation Name: AEHF/FAB-T Kit
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0564 - E-6 Series
Modification Nomenclature (Modification Title, Modification Number): BLOCK II (OSIP 013-10) - 7		

Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs:
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Installation: BLOCK II (OSIP 013-10)	Method of Implementation: Drive In	Installation Name: AEHF/FAB-T Kit
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	-	-

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	1	1.239	-	-	-	-	-	-	1	1.239
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	11	15.772	11	15.772
To Complete	-	-	-	-	-	-	-	-	4	6.022	4	6.022
Total	-	-	1	1.239	-	-	-	-	15	21.794	16	23.033

Installation Schedule																														
APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	15	16
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	15	16

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0564 - E-6 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): BLOCK II (OSIP 013-10) - 7

Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs:
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Installation: BLOCK II (OSIP 013-10)	Method of Implementation: Drive In	Installation Name: MRTCDL Kit
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	-	-

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	1	2.296	-	-	-	-	-	-	-	-	1	2.296
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	5	12.290	-	-	-	-	5	12.290
FY 2016	-	-	-	-	-	-	4	10.176	-	-	4	10.176
FY 2017	-	-	-	-	-	-	-	-	6	15.804	6	15.804
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	1	2.296	-	-	5	12.290	4	10.176	6	15.804	16	40.566

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0564 - E-6 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): BLOCK II (OSIP 013-10) - 7

Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs:
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Installation: BLOCK II (OSIP 013-10)	Method of Implementation: Drive In	Installation Name: MRTCDL Kit
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Installation Schedule																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	2	1	1	1	1	1	1	6	16
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1	1	2	1	1	1	1	7	16

Installation: BLOCK II (OSIP 013-10)	Method of Implementation: Drive In	Installation Name: PNVC Kit
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	-	-

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	1	0.310	-	-	-	-	1	0.310
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0564 - E-6 Series
Modification Nomenclature (Modification Title, Modification Number): BLOCK II (OSIP 013-10) - 7		

Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs:
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Installation: BLOCK II (OSIP 013-10)	Method of Implementation: Drive In	Installation Name: PNVC Kit
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Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
FY 2017	-	-	-	-	-	-	-	-	11	3.619	11	3.619
To Complete	-	-	-	-	-	-	-	-	4	1.356	4	1.356
Total	-	-	-	-	1	0.310	-	-	15	4.975	16	5.285

Installation Schedule																														
APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	15	16
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	15	16

Installation: BLOCK II (OSIP 013-10)	Method of Implementation: [none specified]	Installation Name: Lab Kit
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	0	2.208	0	0.000	0	2.208
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	0	2.208	0	0.000	0	2.208

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0564 - E-6 Series
Modification Nomenclature (Modification Title, Modification Number): BLOCK II (OSIP 013-10) - 7		

Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs:
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Installation: BLOCK II (OSIP 013-10)	Method of Implementation: [none specified]	Installation Name: Lab Kit
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Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
FY 2012	-	-	-	-	-	-	-	-	-	-	0	2.208
FY 2013	0	1.124	-	-	-	-	-	-	-	-	0	1.124
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	0	0.293	-	-	-	-	0	0.293
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	0	1.124	-	-	0	0.293	-	-	-	-	0	3.625

Installation Schedule

	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
Out	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0

Installation: BLOCK II (OSIP 013-10)	Method of Implementation: [none specified]	Installation Name: Training Equipment
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	-	-

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0564 - E-6 Series	Modification Nomenclature (Modification Title, Modification Number): BLOCK II (OSIP 013-10) - 7

Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs:
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Installation: BLOCK II (OSIP 013-10)	Method of Implementation: [none specified]	Installation Name: Training Equipment
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Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	0	1.364	-	-	-	-	0	1.364
FY 2016	-	-	-	-	0	3.105	0	6.308	-	-	0	9.413
FY 2017	-	-	-	-	-	-	0	1.510	-	-	0	1.510
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	0	4.469	0	7.818	-	-	0	12.287

Installation Schedule																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
Out	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0

Installation: BLOCK II (OSIP 013-10)	Method of Implementation: Organic - AEHF/FAB-T Equipment	Installation Quantity: 16
Installation: BLOCK II (OSIP 013-10)	Method of Implementation: Organic - MRTCDL Equipment	Installation Quantity: 16
Installation: BLOCK II (OSIP 013-10)	Method of Implementation: Organic - PNVC Equipment	Installation Quantity: 16
Installation: BLOCK II (OSIP 013-10)	Method of Implementation: Organic - Lab Equipment	Installation Quantity: 2
Installation: BLOCK II (OSIP 013-10)	Method of Implementation: Not Installed - Support Equipment	Installation Quantity: 4

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0564 - E-6 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): BLOCK RECAPTURE (OSIP 002-12) - 8

Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs:
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	0.000	0.000	3.644	15.116	0.000	15.116	18.977	24.243	21.432	28.705	18.503	130.620
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	0.000	0.000	3.644	15.116	0.000	15.116	18.977	24.243	21.432	28.705	18.503	130.620
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	0.000	0.000	3.644	15.116	0.000	15.116	18.977	24.243	21.432	28.705	18.503	130.620

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

DESCRIPTION/JUSTIFICATION: Block Recapture corrects ABNCP FOT&E deficiencies not funded under the Block I Program by replacing equipment that is obsolete or degrades mission performance. The modification installs a new Auxiliary Power Unit to meet mission requirements and replaces the VLF Transmit Terminal and High Power Transmit Set Camera System due to obsolescence.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: Research and Development engineering FY09-FY12 with PDR complete FY10 and CDR 3Q FY11. Prototype SIL and A/C development kit delivery in FY11 with installation in FY12. SIL and A/C testing 2Q FY12 to 1Q FY13. Full Rate Production (FRP) kit buys FY13-FY17 (15 A/C) with installs in FY14- to beyond the FYDP. IOC FY14 (5 A/C). FOC beyond the FYDP (16 A/C).

NOTE: Other Support is predominantly government labor.

NOTE FOR INSTALLATION SCHEDULE: Does not include quantities 7 Trainers.

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy								Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0564 - E-6 Series				Modification Nomenclature (<i>Modification Title, Modification Number</i>): BLOCK RECAPTURE (OSIP 002-12) - 8					
Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]					Related RDT&E PEs:					
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
BLOCK RECAPTURE (OSIP 002-12)													
A Kits													
Recurring													
1.1.1) APU Kit - NonOrganic	-	-	-	-	-	-	2	4.592	-	-	2	4.592	
<i>Subtotal Recurring</i>		0.000		0.000		0.000		4.592		0.000		4.592	
NonRecurring													
1.2.1) Installation Kits N/R - NonOrganic	-	-	-	-	-	-	-	1.000	-	-	-	1.000	
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		1.000		0.000		1.000	
B Kits													
Recurring													
2.1.1) APU Equipment - Organic	-	-	-	-	-	-	2	2.408	-	-	2	2.408	
2.1.2) VTT Equipment - NonOrganic	-	-	-	-	-	-	7	1.449	-	-	7	1.449	
<i>Subtotal Recurring</i>		0.000		0.000		0.000		3.857		0.000		3.857	
<i>Total, BLOCK RECAPTURE (OSIP 002-12)</i>	-	-	-	-	-	-	11	9.449	-	-	11	9.449	
<i>Total, All Modifications</i>		0.000		0.000		0.000		9.449		0.000		9.449	
Support													
3.1) Engineering Change Orders	-	0.000	-	-	-	-	-	-	-	-	-	-	
3.2) Data	-	-	-	-	-	0.350	-	-	-	-	-	-	
3.3) Training Equipment	-	-	-	-	-	0.305	5	3.274	-	-	5	3.274	
3.4) Support Equipment	-	-	-	-	-	-	-	-	-	-	-	-	
3.5) ILS	-	-	-	-	-	-	-	0.575	-	-	-	0.575	
3.6) Other Support	-	-	-	-	-	2.989	-	1.818	-	-	-	1.818	
3.7) Interim Contractor Support	-	0.000	-	-	-	-	-	-	-	-	-	-	
<i>Total Support Cost</i>		0.000		0.000		3.644		5.667		0.000		5.667	
<i>Procurement Cost (Procurement + Support)</i>		0.000		0.000		3.644		15.116		0.000		15.116	
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000	
Total Cost (Procurement + Support + Installation)		0.000		0.000		3.644		15.116		0.000		15.116	

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Exhibit P-3A, Individual Modification: PB 2013 Navy									Date: February 2012				
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0564 - E-6 Series					Modification Nomenclature (<i>Modification Title, Modification Number</i>): BLOCK RECAPTURE (OSIP 002-12) - 8				
Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]				Related RDT&E PEs:						
Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
BLOCK RECAPTURE (OSIP 002-12)													
A Kits													
Recurring													
1.1.1) APU Kit - NonOrganic	2	4.730	4	9.744	2	5.019	5	12.926	-	-	15	37.011	
<i>Subtotal Recurring</i>		4.730		9.744		5.019		12.926		0.000		37.011	
NonRecurring													
1.2.1) Installation Kits N/R - NonOrganic	-	-	-	-	-	-	-	-	-	-	-	1.000	
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		1.000	
B Kits													
Recurring													
2.1.1) APU Equipment - Organic	2	2.480	4	5.110	2	2.632	5	6.779	-	-	15	19.409	
2.1.2) VTT Equipment - NonOrganic	2	0.426	2	0.439	2	0.453	2	0.466	-	-	15	3.233	
<i>Subtotal Recurring</i>		2.906		5.549		3.085		7.245		0.000		22.642	
<i>Total, BLOCK RECAPTURE (OSIP 002-12)</i>	6	7.636	10	15.293	6	8.104	12	20.171	-	-	45	60.653	
<i>Total, All Modifications</i>		7.636		15.293		8.104		20.171		0.000		60.653	
Support													
3.1) Engineering Change Orders	-	-	-	-	-	-	-	-	-	-	-	-	
3.2) Data	-	-	-	-	-	-	-	-	-	-	-	0.350	
3.3) Training Equipment	2	0.881	-	-	-	-	-	-	-	-	7	4.460	
3.4) Support Equipment	-	-	3	0.420	1	0.150	1	0.150	-	-	5	0.720	
3.5) ILS	-	0.575	-	0.575	-	0.575	-	0.575	-	-	-	2.875	
3.6) Other Support	-	0.923	-	0.997	-	0.838	-	0.722	-	0.762	-	9.049	
3.7) Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	-	
<i>Total Support Cost</i>		2.379		1.992		1.563		1.447		0.762		17.454	
<i>Procurement Cost (Procurement + Support)</i>		10.015		17.285		9.667		21.618		0.762		78.107	
<i>Total Installation Cost</i>		8.962		6.958		11.765		7.087		17.741		52.513	
Total Cost (Procurement + Support + Installation)		18.977		24.243		21.432		28.705		18.503		130.620	

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0564 - E-6 Series
		Modification Nomenclature (Modification Title, Modification Number): BLOCK RECAPTURE (OSIP 002-12) - 8

Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs:
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Remarks:

Manufacturer Information: BLOCK RECAPTURE (OSIP 002-12)

Manufacturer Name: TBD	Manufacturer Location: TBD
Administrative Leadtime (in Months): 2	Production Leadtime (in Months): 12

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates		Nov 2011	Dec 2012				
Delivery Dates		Jan 2013	Dec 2013				

Installation: BLOCK RECAPTURE (OSIP 002-12) **Method of Implementation:** Drive In **Installation Name:** APU Kit

Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	-	-

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	2	5.708	-	-	-	-	-	-	-	-	2	5.708
FY 2014	-	-	2	6.031	-	-	-	-	-	-	2	6.031
FY 2015	-	-	-	-	4	10.891	-	-	-	-	4	10.891

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0564 - E-6 Series
Modification Nomenclature (Modification Title, Modification Number): BLOCK RECAPTURE (OSIP 002-12) - 8		

Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs:
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Installation: BLOCK RECAPTURE (OSIP 002-12)	Method of Implementation: Drive In	Installation Name: APU Kit
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Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
FY 2016	-	-	-	-	-	-	2	6.186	-	-	2	6.186
FY 2017	-	-	-	-	-	-	-	-	5	16.814	5	16.814
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	2	5.708	2	6.031	4	10.891	2	6.186	5	16.814	15	45.630

Installation Schedule																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	1	-	1	1	1	1	-	1	-	1	5	15	
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	1	-	1	1	1	1	1	-	1	-	1	6	15

Installation: BLOCK RECAPTURE (OSIP 002-12)	Method of Implementation: Drive In	Installation Name: VTT Equipment
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	-	-

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0564 - E-6 Series
		Modification Nomenclature (Modification Title, Modification Number): BLOCK RECAPTURE (OSIP 002-12) - 8
Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs:

Installation: BLOCK RECAPTURE (OSIP 002-12)		Method of Implementation: Drive In				Installation Name: VTT Equipment						
Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	7	2.884	-	-	-	-	-	-	-	-	7	2.884
FY 2014	-	-	2	0.849	-	-	-	-	-	-	2	0.849
FY 2015	-	-	-	-	2	0.874	-	-	-	-	2	0.874
FY 2016	-	-	-	-	-	-	2	0.901	-	-	2	0.901
FY 2017	-	-	-	-	-	-	-	-	2	0.927	2	0.927
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	7	2.884	2	0.849	2	0.874	2	0.901	2	0.927	15	6.435

Installation Schedule																																			
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot				
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4						
In	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	2	2	-	1	-	1	-	1	-	1	-	1	-	1	-	1	-	1	2	15
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	2	2	-	1	-	1	-	1	-	1	-	1	-	1	-	1	-	3	15

Installation: BLOCK RECAPTURE (OSIP 002-12)		Method of Implementation: [none specified]				Installation Name: Training Equipment						
Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	
FY 2011	-	-	-	-	-	-	-	-	-	-	-	
FY 2012	-	-	-	-	-	-	-	-	-	-	-	
FY 2013	-	-	-	-	-	-	-	-	-	-	-	
FY 2014	-	-	-	-	-	-	-	-	-	-	-	
FY 2015	-	-	-	-	-	-	-	-	-	-	-	
FY 2016	-	-	-	-	-	-	-	-	-	-	-	
FY 2017	-	-	-	-	-	-	-	-	-	-	-	
To Complete	-	-	-	-	-	-	-	-	-	-	-	

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0564 - E-6 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): BLOCK RECAPTURE (OSIP 002-12) - 8

Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs:
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Installation: BLOCK RECAPTURE (OSIP 002-12)	Method of Implementation: [none specified]	Installation Name: Training Equipment
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Total	-	-	-	-	-	-	-	-	-	-	-	-

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	0	0.370	-	-	-	-	-	-	-	-	0	0.370
FY 2014	-	-	0	0.078	-	-	-	-	-	-	0	0.078
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	0	0.370	0	0.078	-	-	-	-	-	-	0	0.448

Installation Schedule																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
Out	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0

Installation: BLOCK RECAPTURE (OSIP 002-12)	Method of Implementation: Organic - APU Equipment	Installation Quantity: 15
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Installation: BLOCK RECAPTURE (OSIP 002-12)	Method of Implementation: Not Installed - Support Equipment	Installation Quantity: 5
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Exhibit P-40, Budget Item Justification Sheet: PB 2013 Navy **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 1506N : Aircraft Procurement, Navy / BA 5 : Modification of Aircraft / BSA 1 : Modification Of Aircraft	P-1 Line Item Nomenclature: 0566 - Executive Helicopters Series
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Resource Summary	Prior Years	Program Elements for Code B Items:					Other Related Program Elements:						
		FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total	
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	402.682	43.195	77.511	58.163	-	58.163	85.810	107.898	84.740	66.349	92.927	1,019.275	
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-	
Net Procurement (P1) (\$ in Millions)	402.682	43.195	77.511	58.163	-	58.163	85.810	107.898	84.740	66.349	92.927	1,019.275	
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-	
Total Obligation Authority (\$ in Millions)	402.682	43.195	77.511	58.163	-	58.163	85.810	107.898	84.740	66.349	92.927	1,019.275	
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>													
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-	
Flyaway Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-	
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-	

Description:

DESCRIPTION: This line item funds modifications to the (11) VH-3D, (8) VH-60N, (1) TH-3D, and (1) TH-60N. These aircraft are assigned to Marine Helicopter Squadron One to support the President of the United States. The VH-60N Cockpit Upgrade consists of an upgrade to all-glass instrumentation. The Communication Suite Upgrade consists of DAMA SATCOM radio upgrade, Digital FM radio upgrade, HF radio upgrade, the Presidential redundant secure communications upgrade, Data Transfer capability upgrade, and Crypto Modernization Upgrade. The VH-3D Lift Improvement program consists of the operational level installation of 55 composite main rotor blades on all eleven VH-3Ds. The Structural Enhancement Program consists of the efforts to increase the maximum operating weight of the VH-3D, replace critical aircraft structure on the VH-60N, replace the VIP seats on the VH-3D, upgrade the safety of the fuel system on the VH-3D, and a Service Life Extension on the VH-3D and VH-60N. The Obsolescence Management Program will manage impending Executive Helicopter obsolescence issues. A variety of factors will be addressed including communication, navigation, operational weight, and engine upgrades to remain mission relevant. An H-3 and H-60 will be converted to a TH-3D and TH-60N to reduce usage on the VH-3D and VH-60N. This reduction in utilization provides for better availability and enhanced sustainability. The VH-3D Cockpit Upgrade consists of an upgrade to all-glass instrumentation. The overall goal of the modifications budgeted in FY 2013 is to continue procurement efforts in accordance with the procurement strategy to maintain the VH-3D and VH-60N until the VXX Replacement Helicopter becomes fully operationally capable.

Item Schedule		ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
VH-60N COCKPIT UPGRADE (OSIP 009-02) - 1	P3A		-	-	126.856	-	-	11.404	-	-	8.261	-	-	6.250	-	-	0.000	-	-	6.250
VH COMM UPGRADE (OSIP 014-02) - 2	P3A		-	-	56.977	-	-	12.575	-	-	10.795	-	-	5.084	-	-	0.000	-	-	5.084
VH-3D LIFT IMPROVEMENTS (OSIP 011-06) - 3	P3A		-	-	75.263	-	-	2.475	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000

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Exhibit P-40, Budget Item Justification Sheet: PB 2013 Navy **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 1506N : Aircraft Procurement, Navy / BA 5 : Modification of Aircraft / BSA 1 : Modification Of Aircraft	P-1 Line Item Nomenclature: 0566 - Executive Helicopters Series
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ID Code (A=Service Ready, B=Not Service Ready) : A **Program Elements for Code B Items:** **Other Related Program Elements:**

Item Schedule		ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
VH Structural Enhancements (OSIP 016-08) - 4	P3A		-	-	8.383	-	-	1.968	-	-	5.862	-	-	3.576	-	-	0.000	-	-	3.576
OBSOLESCENCE MANAGEMENT PROGRAM (OSIP 023-09) - 5	P3A		-	-	8.003	-	-	10.329	-	-	30.339	-	-	9.294	-	-	0.000	-	-	9.294
VH-3D/VH-60N Trainers Conversion (OSIP 009-11) - 6	P3A		-	-	0.000	-	-	4.444	-	-	5.300	-	-	13.590	-	-	0.000	-	-	13.590
VH-3D COCKPIT UPGRADE (OSIP 010-12) - 7	P3A		-	-	0.000	-	-	0.000	-	-	16.954	-	-	20.369	-	-	0.000	-	-	20.369
Inactive OSIPs - 8	P3A		-	-	127.200	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000
Total Gross/Weapon System Cost					402.682			43.195			77.511			58.163			-			58.163

		ID CD	FY 2014			FY 2015			FY 2016			FY 2017			To Complete			Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
VH-60N COCKPIT UPGRADE (OSIP 009-02) - 1	P3A		-	-	5.750	-	-	5.200	-	-	1.100	-	-	0.000	-	-	0.000	-	-	164.821
VH COMM UPGRADE (OSIP 014-02) - 2	P3A		-	-	3.050	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	88.481
VH-3D LIFT IMPROVEMENTS (OSIP 011-06) - 3	P3A		-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	77.738
VH Structural Enhancements (OSIP 016-08) - 4	P3A		-	-	6.234	-	-	20.096	-	-	19.028	-	-	17.029	-	-	7.756	-	-	89.932
OBSOLESCENCE MANAGEMENT PROGRAM (OSIP 023-09) - 5	P3A		-	-	32.226	-	-	60.220	-	-	43.514	-	-	26.722	-	-	47.840	-	-	268.487
VH-3D/VH-60N Trainers Conversion (OSIP 009-11) - 6	P3A		-	-	15.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	38.334
VH-3D COCKPIT UPGRADE (OSIP 010-12) - 7	P3A		-	-	23.550	-	-	22.382	-	-	21.098	-	-	22.598	-	-	37.331	-	-	164.282
Inactive OSIPs - 8	P3A		-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	127.200
Total Gross/Weapon System Cost					85.810			107.898			84.740			66.349			92.927			1,019.275

*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.

Justification:

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0566 - Executive Helicopters Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): VH-60N COCKPIT UPGRADE (OSIP 009-02) - 1

Models of Systems Affected: VH-60N	Type Modification: SAFETY	Related RDT&E PEs:
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	126.856	11.404	8.261	6.250	0.000	6.250	5.750	5.200	1.100	0.000	0.000	164.821
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	126.856	11.404	8.261	6.250	0.000	6.250	5.750	5.200	1.100	0.000	0.000	164.821
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	126.856	11.404	8.261	6.250	0.000	6.250	5.750	5.200	1.100	0.000	0.000	164.821

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

DESCRIPTION/JUSTIFICATION: In order to meet the requirement of providing safe and timely transportation for the President, Vice President, and other parties as directed by the Director of the White House Military Office (WHMO), and in support of the alert and contingency mission requirement of the WHMO Operations Plan, the VH-60N aircraft cockpit must be upgraded to provide enhanced communication, navigation, and survivability capabilities while reducing pilot workload. The cockpit upgrade will be an all-glass instrumentation built around pilot, co-pilot, and Communications Systems Operator (CSO) Multi-Function Displays (MFD) and Control Display Units (CDU). A moving map display complete with terrain database will be incorporated, while maintaining the current capabilities of TACAN, VOR, ILS, ADF, TCAS, CSFIR, FM Immunity, Mode S IFF, ALE-47 and ALQ-144. The Survivability capabilities will provide a countermeasure dispenser and an infrared countermeasure system interface. The navigation system should include laser ring gyro Inertial Navigation Systems (INS) with embedded Global Positioning System (GPS)-(EGI) that has integrity monitoring/IFR. A color weather radar will be incorporated. Communication capabilities must be consistent with White House Communications Agency (WHCA) planning and National Security Agency (NSA) requirements. Three UHF/VHF/FM radios (ARC-210s) shall be included. Four FM radios and the HF with ALE currently on the VH-60N must be maintained. A coupled autopilot function shall be incorporated into the cockpit management system. Preplanned Product Improvement (P3I) will include Digital Map, Ground Proximity Warning System (GPWS), Communication, Navigation and Surveillance/ Air Traffic Management (CNS/ATM), and GPS Non-precision approach (RNP/RNAV).

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: This ACAT IV-T program was approved in July 2001. Milestone B was approved November 2003. The program was re-designated as ACAT IV-M in November 2003. Milestone C was approved April 2006. Test bed aircraft modification and first kit procurement began in FY 2006. Installation of 1st production kit began in FY 2008. Development Testing was completed in FY 2009. Full Rate Production (FRP) approved August 2009. Initial Operating Capability was achieved in February 2010, with Full Operating Capability scheduled for FY 2013. Preplanned Product Improvement efforts began in FY 2009 and will finish in FY 2014.

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Exhibit P-3A, Individual Modification: PB 2013 Navy										Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0566 - Executive Helicopters Series						Modification Nomenclature (<i>Modification Title, Modification Number</i>): VH-60N COCKPIT UPGRADE (OSIP 009-02) - 1			
Models of Systems Affected: VH-60N				Type Modification: SAFETY						Related RDT&E PEs:			
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
VH-60N COCKPIT UPGRADE (OSIP 009-02)													
A Kits													
Recurring													
1.1.1) VH-60N COCKPIT UPGRADE KIT - NonOrganic ⁽¹⁾	8	8.371	-	-	-	-	-	-	-	-	-	-	
1.1.2) VH-60N Standby Instruments - Organic	-	-	-	-	-	-	-	-	-	-	-	-	
<i>Subtotal Recurring</i>		8.371		0.000		0.000		0.000		0.000		0.000	
NonRecurring													
1.2.1) Installation Kits N/R - Organic	-	32.729	-	0.348	-	0.487	-	-	-	-	-	-	
<i>Subtotal NonRecurring</i>		32.729		0.348		0.487		0.000		0.000		0.000	
B Kits													
Recurring													
2.1.1) Production Equip - Organic	-	12.680	-	-	-	-	-	-	-	-	-	-	
2.1.2) VH-60N Standby Instruments - Organic	-	-	-	-	-	-	-	-	-	-	-	-	
<i>Subtotal Recurring</i>		12.680		0.000		0.000		0.000		0.000		0.000	
NonRecurring													
2.2.1) Installation Equipment N/R - Organic	-	21.787	-	0.006	-	-	-	-	-	-	-	-	
<i>Subtotal NonRecurring</i>		21.787		0.006		0.000		0.000		0.000		0.000	
<i>Total, VH-60N COCKPIT UPGRADE (OSIP 009-02)</i>	8	75.567	-	0.354	-	0.487	-	-	-	-	-	-	
<i>Total, All Modifications</i>		75.567		0.354		0.487		0.000		0.000		0.000	
Support													
3.1) Engineering Change Orders	-	0.000	-	-	-	-	-	-	-	-	-	-	
3.2) Preplanned Prod Improvement (ECO)	-	7.625	-	2.097	-	1.000	-	-	-	-	-	-	
3.3) Data	-	2.469	-	0.576	-	-	-	-	-	-	-	-	
3.4) Training Equipment	-	4.320	-	0.017	-	-	-	2.500	-	-	-	2.500	
3.5) Support Equipment	-	1.052	-	-	-	-	-	-	-	-	-	-	
3.6) ILS	-	0.528	-	0.028	-	-	-	-	-	-	-	-	
3.7) Other Support	-	25.244	-	6.374	-	4.524	-	1.500	-	-	-	1.500	

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0566 - Executive Helicopters Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): VH-60N COCKPIT UPGRADE (OSIP 009-02) - 1

Models of Systems Affected: VH-60N	Type Modification: SAFETY	Related RDT&E PEs:										
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
3.8) Interim Contractor Support	-	0.000	-	-	-	-	-	-	-	-	-	-
Total Support Cost		41.238		9.092		5.524		4.000		0.000		4.000
Procurement Cost (Procurement + Support)		116.805		9.446		6.011		4.000		0.000		4.000
Total Installation Cost		10.051		1.958		2.250		2.250		0.000		2.250
Total Cost (Procurement + Support + Installation)		126.856		11.404		8.261		6.250		0.000		6.250

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
VH-60N COCKPIT UPGRADE (OSIP 009-02)												
A Kits												
Recurring												
1.1.1) VH-60N COCKPIT UPGRADE KIT - NonOrganic ⁽¹⁾	-	-	-	-	-	-	-	-	-	-	8	8.371
1.1.2) VH-60N Standby Instruments - Organic	-	-	4	0.400	4	0.400	-	-	-	-	8	0.800
Subtotal Recurring		0.000		0.400		0.400		0.000		0.000		9.171
NonRecurring												
1.2.1) Installation Kits N/R - Organic	-	0.500	-	-	-	-	-	-	-	-	-	34.064
Subtotal NonRecurring		0.500		0.000		0.000		0.000		0.000		34.064
B Kits												
Recurring												
2.1.1) Production Equip - Organic	-	-	-	-	-	-	-	-	-	-	-	12.680
2.1.2) VH-60N Standby Instruments - Organic	-	-	4	0.300	4	0.300	-	-	-	-	8	0.600
Subtotal Recurring		0.000		0.300		0.300		0.000		0.000		13.280
NonRecurring												
2.2.1) Installation Equipment N/R - Organic	-	0.500	-	-	-	-	-	-	-	-	-	22.293
Subtotal NonRecurring		0.500		0.000		0.000		0.000		0.000		22.293
Total, VH-60N COCKPIT UPGRADE (OSIP 009-02)	-	1.000	8	0.700	8	0.700	-	-	-	-	24	78.808

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0566 - Executive Helicopters Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): VH-60N COCKPIT UPGRADE (OSIP 009-02) - 1

Models of Systems Affected: VH-60N	Type Modification: SAFETY	Related RDT&E PEs:
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
<i>Total, All Modifications</i>		1.000		0.700		0.700		0.000		0.000		78.808
Support												
3.1) Engineering Change Orders	-	-	-	-	-	-	-	-	-	-	-	-
3.2) Preplanned Prod Improvement (ECO)	-	-	-	-	-	-	-	-	-	-	-	10.722
3.3) Data	-	-	-	1.500	-	-	-	-	-	-	-	4.545
3.4) Training Equipment	-	0.500	-	0.500	-	-	-	-	-	-	-	7.837
3.5) Support Equipment	-	-	-	-	-	-	-	-	-	-	-	1.052
3.6) ILS	-	-	-	-	-	-	-	-	-	-	-	0.556
3.7) Other Support	-	2.000	-	2.500	-	0.400	-	-	-	-	-	42.542
3.8) Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		2.500		4.500		0.400		0.000		0.000		67.254
<i>Procurement Cost (Procurement + Support)</i>		3.500		5.200		1.100		0.000		0.000		146.062
<i>Total Installation Cost</i>		2.250		0.000		0.000		0.000		0.000		18.759
Total Cost (Procurement + Support + Installation)		5.750		5.200		1.100		0.000		0.000		164.821

Remarks:

⁽¹⁾1. The VH-60N Standby Instruments will be installed at O-level

Manufacturer Information: VH-60N COCKPIT UPGRADE (OSIP 009-02)

Manufacturer Name: Sikorsky Aircraft Corporation	Manufacturer Location: Stratford, CT
Administrative Leadtime (in Months): 3	Production Leadtime (in Months): 13

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates							
Delivery Dates							

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0566 - Executive Helicopters Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): VH-60N COCKPIT UPGRADE (OSIP 009-02) - 1

Models of Systems Affected: VH-60N	Type Modification: SAFETY	Related RDT&E PEs:
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Installation: VH-60N COCKPIT UPGRADE (OSIP 009-02)	Method of Implementation: Installation of Cockpit Upgrade during SPAR	Installation Name: VH-60N COCKPIT UPGRADE KIT
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	4	10.051	1	1.958	1	2.250	1	2.250	0	0.000	1	2.250
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	4	10.051	1	1.958	1	2.250	1	2.250	0	0.000	1	2.250

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	1	2.250	-	-	-	-	-	-	-	-	8	18.759
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	1	2.250	-	-	-	-	-	-	-	-	8	18.759

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0566 - Executive Helicopters Series
Modification Nomenclature (<i>Modification Title, Modification Number</i>): VH-60N COCKPIT UPGRADE (OSIP 009-02) - 1		

Models of Systems Affected: VH-60N	Type Modification: SAFETY	Related RDT&E PEs:
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Installation: VH-60N COCKPIT UPGRADE (OSIP 009-02)	Method of Implementation: Installation of Cockpit Upgrade during SPAR	Installation Name: VH-60N COCKPIT UPGRADE KIT
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Installation Schedule																															
		FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017					
	APY	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
In	4	-	-	-	1	-	-	1	-	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8
Out	2	-	-	1	1	-	-	-	1	-	-	1	-	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	8

Installation: VH-60N COCKPIT UPGRADE (OSIP 009-02)	Method of Implementation: Not Installed - VH-60N Standby Instruments	Installation Quantity: 8
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Installation: VH-60N COCKPIT UPGRADE (OSIP 009-02)	Method of Implementation: Not Installed - VH-60N Standby Instruments	Installation Quantity: 8
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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0566 - Executive Helicopters Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): VH COMM UPGRADE (OSIP 014-02) - 2

Models of Systems Affected: VH-60N/VH-3D	Type Modification: SAFETY	Related RDT&E PEs:
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	56.977	12.575	10.795	5.084	0.000	5.084	3.050	0.000	0.000	0.000	0.000	88.481
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	56.977	12.575	10.795	5.084	0.000	5.084	3.050	0.000	0.000	0.000	0.000	88.481
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	56.977	12.575	10.795	5.084	0.000	5.084	3.050	0.000	0.000	0.000	0.000	88.481

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

DESCRIPTION/JUSTIFICATION: The White House Military Office (WHMO) has directed the upgrade to the data transfer computer and printer on board the VH-60N, which is required to transmit, receive, and print secure data files via the SATCOM and HF radios. Satisfaction of the Data Transfer Computer/Printer requirement will require the procurement of a compatible TEMPEST certified data transfer computer and printer. WHMO has also directed that VHF FM radios operate in the APCO-25 digital mode. New radios must be procured in order to meet this requirement. JCS Directive MJCS-63-89 states that all users of UHF SATCOM shall have demand assigned multiple access (DAMA) capability. The White House Communication Agency (WHCA) has directed that all White House Military Organization (WHMO) elements be connected and have the ability to operate in the DAMA mode by 2005. Satisfaction of the DAMA SATCOM requirement will require the incorporation of two DAMA capable radios in each aircraft to satisfy the need for full duplex communication. An install kit will be built to house the radio, amplifier, and aircraft interface module, and then it will be installed in the aircraft as one unit. WHCA has also directed that all WHMO elements have the ability to operate in the High Frequency/Automatic Link Establishment (HF/ALE) mode by 2007. To meet the HF/ALE requirement, software modifications to the OFP must be completed to fully utilize all automatic link establishment (ALE) capabilities of the current HF radio. OFP software will be modified by NAWC-AD to allow new systems to work in the aircraft. The FM (YZ) radio replacement is required in order to have a redundant secure voice capability due to the obsolescence of the YZ radio system employed by White house Communication Agency (WHCA). An upgrade to all radios is required to maintain crypto security requirements. Required upgrades vary from software/firmware mods to the replacement of multiple radios on the VH-3D/VH-60N.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: This program was approved as an Abbreviated Acquisition Program in July 2001. Program was upgraded to ACAT IV-M in March 2003. Digital FM was completed in FY 2005. The HF/ALE modification was completed in FY 2009. FM radio replacement was completed in FY 2009. The Crypto modernization effort for both aircraft began in FY 2010 and continues through FY 2014. All performance testing and EMC/EMI testing will be performed by NAWC-AD. VAL/VER will be performed by HMX-1 to ensure interoperability with all WHMO elements.

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Exhibit P-3A, Individual Modification: PB 2013 Navy								Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0566 - Executive Helicopters Series				Modification Nomenclature (<i>Modification Title, Modification Number</i>): VH COMM UPGRADE (OSIP 014-02) - 2					
Models of Systems Affected: VH-60N/VH-3D				Type Modification: SAFETY				Related RDT&E PEs:					
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
VH COMM UPGRADE (OSIP 014-02)													
A Kits													
Recurring													
1.1.1) CRYPTO - ARC 210 SATCOM VH-3D/60N - Organic ⁽²⁾	4	0.080	14	0.280	6	0.120	2	0.040	-	-	2	0.040	
1.1.2) CRYPTO - ARC-210 VH-3D - Organic	1	0.024	-	-	10	0.300	-	-	-	-	-	-	
1.1.3) FM Radio Replacement (O-level) - Organic	19	0.162	-	-	-	-	-	-	-	-	-	-	
1.1.4) SATCOM (O-level) - Organic	4	0.493	-	-	-	-	-	-	-	-	-	-	
1.1.5) VH Digital FM - Organic	28	0.997	-	-	-	-	-	-	-	-	-	-	
1.1.6) VH-3D SATCOM - Organic	11	0.601	-	-	-	-	-	-	-	-	-	-	
1.1.7) VH-60 SATCOM - Organic	8	1.252	-	-	-	-	-	-	-	-	-	-	
<i>Subtotal Recurring</i>		3.609		0.280		0.420		0.040		0.000		0.040	
NonRecurring													
1.2.1) Installation Kits N/R - Organic	-	11.388	-	-	-	0.400	-	-	-	-	-	-	
<i>Subtotal NonRecurring</i>		11.388		0.000		0.400		0.000		0.000		0.000	
B Kits													
Recurring													
2.1.1) CRYPTO - ARC-210 SATCOM VH-3D/60N - Organic	4	0.640	14	2.312	6	1.000	2	0.300	-	-	2	0.300	
2.1.2) CRYPTO - ARC 210 VH-60N - Organic	2	0.480	1	0.248	6	1.500	2	0.500	-	-	2	0.500	
2.1.3) CRYPTO - ARC 210 VH-3D - Organic	4	1.032	11	2.642	-	-	-	-	-	-	-	-	
2.1.4) Data Transfer Computer/Printer - Organic	8	0.154	-	-	-	-	-	-	-	-	-	-	
2.1.5) Digital FM - Organic	21	0.305	-	-	-	-	-	-	-	-	-	-	
2.1.6) FM Radio Replacement - NonOrganic	19	0.390	-	-	-	-	-	-	-	-	-	-	
2.1.7) SATCOM - Organic	27	3.568	-	-	-	-	-	-	-	-	-	-	
<i>Subtotal Recurring</i>		6.569		5.202		2.500		0.800		0.000		0.800	
NonRecurring													
2.2.1) Installation Equipment N/R - Organic	-	6.564	-	0.500	-	-	-	-	-	-	-	-	
<i>Subtotal NonRecurring</i>		6.564		0.500		0.000		0.000		0.000		0.000	
<i>Total, VH COMM UPGRADE (OSIP 014-02)</i>	160	28.130	40	5.982	28	3.320	6	0.840	-	-	6	0.840	

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Exhibit P-3A, Individual Modification: PB 2013 Navy										Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1					P-1 Line Item Nomenclature: 0566 - Executive Helicopters Series					Modification Nomenclature (<i>Modification Title, Modification Number</i>): VH COMM UPGRADE (OSIP 014-02) - 2			
Models of Systems Affected: VH-60N/VH-3D				Type Modification: SAFETY				Related RDT&E PEs:					
Financial Plan		Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
		Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
<i>Total, All Modifications</i>			28.130		5.982		3.320		0.840		0.000		0.840
Support													
3.1) Engineering Change Order		-	0.000	-	-	-	-	-	-	-	-	-	-
3.2) Crypto (ECO)		-	0.000	-	-	-	-	-	-	-	-	-	-
3.3) Pre-Planned Product Improvements (ECO)		-	1.135	-	0.369	-	0.313	-	-	-	-	-	-
3.4) Data Transfer (ECO)		-	0.300	-	-	-	-	-	-	-	-	-	-
3.5) Digital FM (ECO)		-	0.700	-	-	-	-	-	-	-	-	-	-
3.6) FM Radio Replacement (ECO)		-	0.000	-	-	-	-	-	-	-	-	-	-
3.7) SATCOM (ECO)		-	0.000	-	-	-	-	-	-	-	-	-	-
3.8) Data		-	4.366	-	0.872	-	2.596	-	1.000	-	-	-	1.000
3.9) Training Equipment		-	0.694	-	-	-	-	-	1.200	-	-	-	1.200
3.10) Support Equipment		-	2.675	-	-	-	0.500	-	0.584	-	-	-	0.584
3.11) ILS		-	-	-	-	-	-	-	-	-	-	-	-
3.12) Other Support		-	14.420	-	4.959	-	4.066	-	1.460	-	-	-	1.460
3.13) Interim Contractor Support		-	0.000	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>			24.290		6.200		7.475		4.244		0.000		4.244
<i>Procurement Cost (Procurement + Support)</i>			52.420		12.182		10.795		5.084		0.000		5.084
<i>Total Installation Cost</i>			4.557		0.393		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)			56.977		12.575		10.795		5.084		0.000		5.084
Financial Plan		FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
		Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement													
VH COMM UPGRADE (OSIP 014-02)													
A Kits													
Recurring													
1.1.1) CRYPTO - ARC 210 SATCOM VH-3D/60N - Organic ⁽²⁾		-	-	-	-	-	-	-	-	-	-	26	0.520
1.1.2) CRYPTO - ARC-210 VH-3D - Organic		-	-	-	-	-	-	-	-	-	-	11	0.324

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Exhibit P-3A, Individual Modification: PB 2013 Navy								Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0566 - Executive Helicopters Series				Modification Nomenclature (<i>Modification Title, Modification Number</i>): VH COMM UPGRADE (OSIP 014-02) - 2					
Models of Systems Affected: VH-60N/VH-3D				Type Modification: SAFETY				Related RDT&E PEs:					
Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total		
	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	
1.1.3) FM Radio Replacement (O-level) - Organic	-	-	-	-	-	-	-	-	-	-	19	0.162	
1.1.4) SATCOM (O-level) - Organic	-	-	-	-	-	-	-	-	-	-	4	0.493	
1.1.5) VH Digital FM - Organic	-	-	-	-	-	-	-	-	-	-	28	0.997	
1.1.6) VH-3D SATCOM - Organic	-	-	-	-	-	-	-	-	-	-	11	0.601	
1.1.7) VH-60 SATCOM - Organic	-	-	-	-	-	-	-	-	-	-	8	1.252	
<i>Subtotal Recurring</i>		<i>0.000</i>		<i>0.000</i>		<i>0.000</i>		<i>0.000</i>		<i>0.000</i>		<i>4.349</i>	
NonRecurring													
1.2.1) Installation Kits N/R - Organic	-	-	-	-	-	-	-	-	-	-	-	11.788	
<i>Subtotal NonRecurring</i>		<i>0.000</i>		<i>0.000</i>		<i>0.000</i>		<i>0.000</i>		<i>0.000</i>		<i>11.788</i>	
B Kits													
Recurring													
2.1.1) CRYPTO - ARC-210 SATCOM VH-3D/60N - Organic	-	-	-	-	-	-	-	-	-	-	26	4.252	
2.1.2) CRYPTO - ARC 210 VH-60N - Organic	-	-	-	-	-	-	-	-	-	-	11	2.728	
2.1.3) CRYPTO - ARC 210 VH-3D - Organic	-	-	-	-	-	-	-	-	-	-	15	3.674	
2.1.4) Data Transfer Computer/Printer - Organic	-	-	-	-	-	-	-	-	-	-	8	0.154	
2.1.5) Digital FM - Organic	-	-	-	-	-	-	-	-	-	-	21	0.305	
2.1.6) FM Radio Replacement - NonOrganic	-	-	-	-	-	-	-	-	-	-	19	0.390	
2.1.7) SATCOM - Organic	-	-	-	-	-	-	-	-	-	-	27	3.568	
<i>Subtotal Recurring</i>		<i>0.000</i>		<i>0.000</i>		<i>0.000</i>		<i>0.000</i>		<i>0.000</i>		<i>15.071</i>	
NonRecurring													
2.2.1) Installation Equipment N/R - Organic	-	-	-	-	-	-	-	-	-	-	-	7.064	
<i>Subtotal NonRecurring</i>		<i>0.000</i>		<i>0.000</i>		<i>0.000</i>		<i>0.000</i>		<i>0.000</i>		<i>7.064</i>	
<i>Total, VH COMM UPGRADE (OSIP 014-02)</i>	-	-	-	-	-	-	-	-	-	-	234	38.272	
<i>Total, All Modifications</i>		<i>0.000</i>		<i>0.000</i>		<i>0.000</i>		<i>0.000</i>		<i>0.000</i>		<i>38.272</i>	
Support													
3.1) Engineering Change Order	-	-	-	-	-	-	-	-	-	-	-	-	
3.2) Crypto (ECO)	-	-	-	-	-	-	-	-	-	-	-	-	
3.3) Pre-Planned Product Improvements (ECO)	-	-	-	-	-	-	-	-	-	-	-	1.817	
3.4) Data Transfer (ECO)	-	-	-	-	-	-	-	-	-	-	-	0.300	

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0566 - Executive Helicopters Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): VH COMM UPGRADE (OSIP 014-02) - 2

Models of Systems Affected: VH-60N/VH-3D	Type Modification: SAFETY	Related RDT&E PEs:
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
3.5) Digital FM (ECO)	-	-	-	-	-	-	-	-	-	-	-	0.700
3.6) FM Radio Replacement (ECO)	-	-	-	-	-	-	-	-	-	-	-	-
3.7) SATCOM (ECO)	-	-	-	-	-	-	-	-	-	-	-	-
3.8) Data	-	0.350	-	-	-	-	-	-	-	-	-	9.184
3.9) Training Equipment	-	0.500	-	-	-	-	-	-	-	-	-	2.394
3.10) Support Equipment	-	0.300	-	-	-	-	-	-	-	-	-	4.059
3.11) ILS	-	0.850	-	-	-	-	-	-	-	-	-	0.850
3.12) Other Support	-	1.050	-	-	-	-	-	-	-	-	-	25.955
3.13) Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	-
Total Support Cost		3.050		0.000		0.000		0.000		0.000		45.259
Procurement Cost (Procurement + Support)		3.050		0.000		0.000		0.000		0.000		83.531
Total Installation Cost		0.000		0.000		0.000		0.000		0.000		4.950
Total Cost (Procurement + Support + Installation)		3.050		0.000		0.000		0.000		0.000		88.481

Remarks:

- (2)¹. All Crypto installed at O level
2. Crypto - ARC 210 Satcom VH-3D/60N A and B Kits include three (3) lab assets, two (2) test aircraft and two (2) trainer aircraft
3. Crypto - ARC 210 VH-60N B kits are plug and play, requiring no A kits. Quantities include one (1) lab asset, one (1) test aircraft and one (1) trainer aircraft.
4. Crypto - ARC 210 VH-3D B kits have a lead time of twelve (12) months. The A kit purchases will be staggered, such that A and B kits will be delivered at the same time. Quantities include two (2) lab assets, one (1) test aircraft and one (1) trainer aircraft.

Manufacturer Information: VH COMM UPGRADE (OSIP 014-02)

Manufacturer Name: Sikorsky Aircraft Corporation - Dama Satcom	Manufacturer Location: Stratford, CT
Administrative Leadtime (in Months): 0	Production Leadtime (in Months): 0

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates							
Delivery Dates							

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0566 - Executive Helicopters Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): VH COMM UPGRADE (OSIP 014-02) - 2
Models of Systems Affected: VH-60N/VH-3D	Type Modification: SAFETY	Related RDT&E PEs:

Installation: VH COMM UPGRADE (OSIP 014-02)	Method of Implementation: Installation of Dama Satcom - Comm Suite Upgrade during SPAR	Installation Name: FM Radio Replacement
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	18	4.557	1	0.393	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	18	4.557	1	0.393	-	-	-	-	-	-	-	-

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	19	4.950
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	19	4.950

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Exhibit P-3A, Individual Modification: PB 2013 Navy																							Date: February 2012								
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1										P-1 Line Item Nomenclature: 0566 - Executive Helicopters Series										Modification Nomenclature (<i>Modification Title, Modification Number</i>): VH COMM UPGRADE (OSIP 014-02) - 2											
Models of Systems Affected: VH-60N/VH-3D										Type Modification: SAFETY										Related RDT&E PEs:											
Installation: VH COMM UPGRADE (OSIP 014-02)										Method of Implementation: Installation of Dama Satcom - Comm Suite Upgrade during SPAR										Installation Name: FM Radio Replacement											
Installation Schedule																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	18	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19
Out	18	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19
Installation: VH COMM UPGRADE (OSIP 014-02)										Method of Implementation: Not Installed - CRYPTO - ARC 210 SATCOM VH-3D/60N										Installation Quantity: 26											
Installation: VH COMM UPGRADE (OSIP 014-02)										Method of Implementation: Not Installed - CRYPTO - ARC-210 VH-3D										Installation Quantity: 11											
Installation: VH COMM UPGRADE (OSIP 014-02)										Method of Implementation: Not Installed - FM Radio Replacement (O-level)										Installation Quantity: 19											
Installation: VH COMM UPGRADE (OSIP 014-02)										Method of Implementation: Not Installed - SATCOM (O-level)										Installation Quantity: 4											
Installation: VH COMM UPGRADE (OSIP 014-02)										Method of Implementation: Not Installed - VH Digital FM										Installation Quantity: 28											
Installation: VH COMM UPGRADE (OSIP 014-02)										Method of Implementation: Not Installed - VH-3D SATCOM										Installation Quantity: 11											
Installation: VH COMM UPGRADE (OSIP 014-02)										Method of Implementation: Not Installed - VH-60 SATCOM										Installation Quantity: 8											
Installation: VH COMM UPGRADE (OSIP 014-02)										Method of Implementation: Not Installed - CRYPTO - ARC-210 SATCOM VH-3D/60N										Installation Quantity: 26											
Installation: VH COMM UPGRADE (OSIP 014-02)										Method of Implementation: Not Installed - CRYPTO - ARC 210 VH-60N										Installation Quantity: 11											
Installation: VH COMM UPGRADE (OSIP 014-02)										Method of Implementation: Not Installed - CRYPTO - ARC 210 VH-3D										Installation Quantity: 15											

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0566 - Executive Helicopters Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): VH COMM UPGRADE (OSIP 014-02) - 2
Models of Systems Affected: VH-60N/VH-3D	Type Modification: SAFETY	Related RDT&E PEs:
Installation: VH COMM UPGRADE (OSIP 014-02)	Method of Implementation: Not Installed - Data Transfer Computer/ Printer	Installation Quantity: 8
Installation: VH COMM UPGRADE (OSIP 014-02)	Method of Implementation: Not Installed - Digital FM	Installation Quantity: 21
Installation: VH COMM UPGRADE (OSIP 014-02)	Method of Implementation: Not Installed - SATCOM	Installation Quantity: 27

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0566 - Executive Helicopters Series	Modification Nomenclature <i>(Modification Title, Modification Number):</i> VH-3D LIFT IMPROVEMENTS (OSIP 011-06) - 3

Models of Systems Affected: VH-3D	Type Modification: SAFETY	Related RDT&E PEs:
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	75.263	2.475	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	77.738
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	75.263	2.475	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	77.738
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	75.263	2.475	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	77.738

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

DESCRIPTION/JUSTIFICATION: The VH-3D Lift Improvement program consists of the operational level install of 55 composite main rotor blades on all eleven VH-3D aircraft. These blades will improve performance allowing increased passengers and fuel loads. Composite blades reduce the torque required to hover and for level flight, reduce vibrations and reduce structural loads. The VH-3D is the only aircraft in the inventory using metal blades.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: Flight Test for the procurement of the VH-3D composite main rotor blades did take place in the 1st and 2nd quarter of FY 2008. Procurement and operational install of these blades occurred in FY 2011. The blades are being individually procured vice procured as entire shipsets.

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Exhibit P-3A, Individual Modification: PB 2013 Navy									Date: February 2012				
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0566 - Executive Helicopters Series					Modification Nomenclature (<i>Modification Title, Modification Number</i>): VH-3D LIFT IMPROVEMENTS (OSIP 011-06) - 3				
Models of Systems Affected: VH-3D			Type Modification: SAFETY					Related RDT&E PEs:					
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
VH-3D LIFT IMPROVEMENTS (OSIP 011-06)													
A Kits													
Recurring													
1.1.1) Blade Kit - Organic ⁽³⁾													
	65	0.123	-	-	-	-	-	-	-	-	-	-	
<i>Subtotal Recurring</i>		0.123		0.000		0.000		0.000		0.000		0.000	
B Kits													
Recurring													
2.1.1) Blade Equip - Organic													
	65	25.082	-	-	-	-	-	-	-	-	-	-	
<i>Subtotal Recurring</i>		25.082		0.000		0.000		0.000		0.000		0.000	
NonRecurring													
2.2.1) Installation Equipment N/R - Organic													
	-	43.758	-	-	-	-	-	-	-	-	-	-	
<i>Subtotal NonRecurring</i>		43.758		0.000		0.000		0.000		0.000		0.000	
<i>Total, VH-3D LIFT IMPROVEMENTS (OSIP 011-06)</i>		130	68.963	-	-	-	-	-	-	-	-	-	
<i>Total, All Modifications</i>			68.963		0.000		0.000		0.000		0.000	0.000	
Support													
3.1) Engineering Change Orders													
	-	0.000	-	-	-	-	-	-	-	-	-	-	
3.2) Data													
	65	1.741	-	-	-	-	-	-	-	-	-	-	
3.3) Training Equipment													
	-	0.028	-	-	-	-	-	-	-	-	-	-	
3.4) Support Equipment													
	-	0.000	-	-	-	-	-	-	-	-	-	-	
3.5) ILS													
	-	0.047	-	-	-	-	-	-	-	-	-	-	
3.6) Other Support													
	-	4.484	-	2.475	-	-	-	-	-	-	-	-	
3.7) Interim Contactor Support													
	-	0.000	-	-	-	-	-	-	-	-	-	-	
<i>Total Support Cost</i>		6.300		2.475		0.000		0.000		0.000		0.000	
<i>Procurement Cost (Procurement + Support)</i>		75.263		2.475		0.000		0.000		0.000		0.000	
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000	
Total Cost (Procurement + Support + Installation)		75.263		2.475		0.000		0.000		0.000		0.000	

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Exhibit P-3A, Individual Modification: PB 2013 Navy								Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0566 - Executive Helicopters Series				Modification Nomenclature (<i>Modification Title, Modification Number</i>): VH-3D LIFT IMPROVEMENTS (OSIP 011-06) - 3					
Models of Systems Affected: VH-3D				Type Modification: SAFETY				Related RDT&E PEs:					
Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
VH-3D LIFT IMPROVEMENTS (OSIP 011-06)													
A Kits													
Recurring													
1.1.1) Blade Kit - Organic ⁽³⁾													
	-	-	-	-	-	-	-	-	-	-	65	0.123	
<i>Subtotal Recurring</i>		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.123	
B Kits													
Recurring													
2.1.1) Blade Equip - Organic													
	-	-	-	-	-	-	-	-	-	-	65	25.082	
<i>Subtotal Recurring</i>		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		25.082	
NonRecurring													
2.2.1) Installation Equipment N/R - Organic													
	-	-	-	-	-	-	-	-	-	-	-	43.758	
<i>Subtotal NonRecurring</i>		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		43.758	
<i>Total, VH-3D LIFT IMPROVEMENTS (OSIP 011-06)</i>		-	-	-	-	-	-	-	-	-	130	68.963	
<i>Total, All Modifications</i>		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		68.963	
Support													
3.1) Engineering Change Orders													
	-	-	-	-	-	-	-	-	-	-	-	-	
3.2) Data													
	-	-	-	-	-	-	-	-	-	-	65	1.741	
3.3) Training Equipment													
	-	-	-	-	-	-	-	-	-	-	-	0.028	
3.4) Support Equipment													
	-	-	-	-	-	-	-	-	-	-	-	-	
3.5) ILS													
	-	-	-	-	-	-	-	-	-	-	-	0.047	
3.6) Other Support													
	-	-	-	-	-	-	-	-	-	-	-	6.959	
3.7) Interim Contactor Support													
	-	-	-	-	-	-	-	-	-	-	-	-	
<i>Total Support Cost</i>		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		8.775	
<i>Procurement Cost (Procurement + Support)</i>		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		77.738	
<i>Total Installation Cost</i>		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000	
Total Cost (Procurement + Support + Installation)		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		77.738	

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Exhibit P-3A, Individual Modification: PB 2013 Navy					Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1			P-1 Line Item Nomenclature: 0566 - Executive Helicopters Series			Modification Nomenclature (<i>Modification Title, Modification Number</i>): VH-3D LIFT IMPROVEMENTS (OSIP 011-06) - 3		
Models of Systems Affected: VH-3D			Type Modification: SAFETY			Related RDT&E PEs:		
Remarks: (³)1. Blades will be installed at the O level 2. Quantities include 10 val/ver blades.								
Manufacturer Information: VH-3D LIFT IMPROVEMENTS (OSIP 011-06)								
Manufacturer Name: Manufacturer Name Not Provided.				Manufacturer Location: Manufacturer Location Not Provided.				
Administrative Leadtime (<i>in Months</i>):				Production Leadtime (<i>in Months</i>):				
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	
Contract Dates								
Delivery Dates								
Installation: VH-3D LIFT IMPROVEMENTS (OSIP 011-06)								
Method of Implementation: Not Installed - Blade Kit			Installation Quantity: 65					
Installation: VH-3D LIFT IMPROVEMENTS (OSIP 011-06)								
Method of Implementation: Not Installed - Blade Equip			Installation Quantity: 65					
Installation: VH-3D LIFT IMPROVEMENTS (OSIP 011-06)								
Method of Implementation: Not Installed - Data			Installation Quantity: 65					

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0566 - Executive Helicopters Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): VH Structural Enhancements (OSIP 016-08) - 4

Models of Systems Affected: VH-3D/VH-60N	Type Modification: SAFETY	Related RDT&E PEs:
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	8.383	1.968	5.862	3.576	0.000	3.576	6.234	20.096	19.028	17.029	7.756	89.932
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	8.383	1.968	5.862	3.576	0.000	3.576	6.234	20.096	19.028	17.029	7.756	89.932
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	8.383	1.968	5.862	3.576	0.000	3.576	6.234	20.096	19.028	17.029	7.756	89.932

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

DESCRIPTION/JUSTIFICATION: The VH Structural Enhancements Program consists of the necessary efforts to extend the service lives of the VH-3D and VH-60N. Due to the cancellation of the VH-71 program, additional service life is required of the current VH-3D and VH-60N fleet. In order to meet these requirements, a Service Life Extension Program (SLEP) has been established. The SLEP program will implement upgrades identified in the Service Life Assessment Program (SLAP), as well as upgrades to the VH-3D VIP seats and safety of the fuel system.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: The Service Life Extension for the VH-3D and VH-60N will begin in FY 2011.

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Exhibit P-3A, Individual Modification: PB 2013 Navy								Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0566 - Executive Helicopters Series				Modification Nomenclature (<i>Modification Title, Modification Number</i>): VH Structural Enhancements (OSIP 016-08) - 4					
Models of Systems Affected: VH-3D/VH-60N				Type Modification: SAFETY				Related RDT&E PEs:					
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
VH Structural Enhancements (OSIP 016-08)													
A Kits													
Recurring													
1.1.1) VH-60N SLEP Kits - NonOrganic ⁽⁴⁾	-	-	-	-	-	-	1	0.159	-	-	1	0.159	
1.1.2) VH-3D SLEP Kits - NonOrganic	-	-	-	-	-	-	2	0.529	-	-	2	0.529	
1.1.3) VH-3D Fuel Upgrade Kits - NonOrganic	-	-	-	-	-	-	-	-	-	-	-	-	
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.688		0.000		0.688	
NonRecurring													
1.2.1) Installation Kits N/R - Organic	-	3.746	-	-	-	2.499	-	0.250	-	-	-	0.250	
<i>Subtotal NonRecurring</i>		3.746		0.000		2.499		0.250		0.000		0.250	
B Kits													
Recurring													
2.1.1) VH-3D Fuel Upgrade Equipment - Organic	-	-	-	-	-	-	-	-	-	-	-	-	
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		0.000	
NonRecurring													
2.2.1) Installation Equipment N/R - Organic	-	-	-	-	-	0.555	-	0.350	-	-	-	0.350	
<i>Subtotal NonRecurring</i>		0.000		0.000		0.555		0.350		0.000		0.350	
<i>Total, VH Structural Enhancements (OSIP 016-08)</i>	-	3.746	-	-	-	3.054	3	1.288	-	-	3	1.288	
<i>Total, All Modifications</i>		3.746		0.000		3.054		1.288		0.000		1.288	
Support													
3.1) Engineering Change Orders	-	0.000	-	-	-	-	-	-	-	-	-	-	
3.2) Data	-	-	-	-	-	0.205	-	-	-	-	-	-	
3.3) Training Equipment	-	0.000	-	-	-	-	-	-	-	-	-	-	
3.4) Support Equipment	-	0.000	-	-	-	-	-	-	-	-	-	-	
3.5) ILS	-	-	-	-	-	0.308	-	0.439	-	-	-	0.439	
3.6) Interim Contractor Support	-	0.000	-	-	-	-	-	-	-	-	-	-	
3.7) Other Support	-	4.637	-	1.968	-	2.295	-	1.849	-	-	-	1.849	

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0566 - Executive Helicopters Series	Modification Nomenclature <i>(Modification Title, Modification Number):</i> VH Structural Enhancements (OSIP 016-08) - 4

Models of Systems Affected: VH-3D/VH-60N	Type Modification: SAFETY	Related RDT&E PEs:										
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
<i>Total Support Cost</i>		4.637		1.968		2.808		2.288		0.000		2.288
<i>Procurement Cost (Procurement + Support)</i>		8.383		1.968		5.862		3.576		0.000		3.576
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		8.383		1.968		5.862		3.576		0.000		3.576

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
VH Structural Enhancements (OSIP 016-08)												
A Kits												
Recurring												
1.1.1) VH-60N SLEP Kits - NonOrganic ⁽⁴⁾	1	0.161	2	0.328	2	0.334	2	0.339	-	-	8	1.321
1.1.2) VH-3D SLEP Kits - NonOrganic	2	0.538	4	1.094	3	0.834	-	-	-	-	11	2.995
1.1.3) VH-3D Fuel Upgrade Kits - NonOrganic	-	-	3	0.300	3	0.300	3	0.300	3	0.300	12	1.200
<i>Subtotal Recurring</i>		0.699		1.722		1.468		0.639		0.300		5.516
NonRecurring												
1.2.1) Installation Kits N/R - Organic	-	0.450	-	0.085	-	0.085	-	-	-	-	-	7.115
<i>Subtotal NonRecurring</i>		0.450		0.085		0.085		0.000		0.000		7.115
B Kits												
Recurring												
2.1.1) VH-3D Fuel Upgrade Equipment - Organic	-	-	3	2.100	3	2.100	3	2.100	3	2.100	12	8.400
<i>Subtotal Recurring</i>		0.000		2.100		2.100		2.100		2.100		8.400
NonRecurring												
2.2.1) Installation Equipment N/R - Organic	-	0.550	-	0.115	-	0.115	-	-	-	-	-	1.685
<i>Subtotal NonRecurring</i>		0.550		0.115		0.115		0.000		0.000		1.685
<i>Total, VH Structural Enhancements (OSIP 016-08)</i>	3	1.699	12	4.022	11	3.768	8	2.739	6	2.400	43	22.716
<i>Total, All Modifications</i>		1.699		4.022		3.768		2.739		2.400		22.716

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0566 - Executive Helicopters Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): VH Structural Enhancements (OSIP 016-08) - 4

Models of Systems Affected: VH-3D/VH-60N	Type Modification: SAFETY	Related RDT&E PEs:
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Support												
3.1) Engineering Change Orders	-	-	-	-	-	-	-	-	-	-	-	-
3.2) Data	-	-	-	-	-	-	-	-	-	-	-	0.205
3.3) Training Equipment	-	-	-	-	-	-	-	-	-	-	-	-
3.4) Support Equipment	-	-	-	-	-	-	-	-	-	-	-	-
3.5) ILS	-	0.448	-	0.856	-	-	-	-	-	-	-	2.051
3.6) Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	-
3.7) Other Support	-	2.087	-	5.218	-	2.960	-	3.990	-	0.756	-	25.760
Total Support Cost		2.535		6.074		2.960		3.990		0.756		28.016
Procurement Cost (Procurement + Support)		4.234		10.096		6.728		6.729		3.156		50.732
Total Installation Cost		2.000		10.000		12.300		10.300		4.600		39.200
Total Cost (Procurement + Support + Installation)		6.234		20.096		19.028		17.029		7.756		89.932

Remarks:
⁽⁴⁾1. VH-3D Fuel Upgrade A & B kit quantity includes one (1) Val/Ver kit.
 * Installs must follow SPAR schedule

Manufacturer Information: VH Structural Enhancements (OSIP 016-08)

Manufacturer Name: Sikorsky Aircraft Corporation - VH Structural Enhancement				Manufacturer Location: Stratford, CT			
Administrative Leadtime (in Months): 3				Production Leadtime (in Months): 13			
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates			Dec 2012	Dec 2013			
Delivery Dates			Jan 2014	Jan 2015			

Manufacturer Name: Sikorsky Aircraft Corp - VH3D Fuel Upgrade Kit				Manufacturer Location: Stratford, CT			
Administrative Leadtime (in Months): 3				Production Leadtime (in Months): 13			
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates					Dec 2014	Dec 2015	Dec 2016
Delivery Dates					Jan 2016	Jan 2017	Jan 2018

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0566 - Executive Helicopters Series	Modification Nomenclature <i>(Modification Title, Modification Number):</i> VH Structural Enhancements (OSIP 016-08) - 4

Models of Systems Affected: VH-3D/VH-60N	Type Modification: SAFETY	Related RDT&E PEs:
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Installation: VH Structural Enhancements (OSIP 016-08)	Method of Implementation: Installation of VH SLEP - Structural Enhancements during SPAR	Installation Name: VH Structural Enhancements
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	-	-

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	1	2.000	2	4.000	-	-	-	-	-	-	3	6.000
FY 2014	-	-	3	6.000	-	-	-	-	-	-	3	6.000
FY 2015	-	-	-	-	6	12.000	-	-	-	-	6	12.000
FY 2016	-	-	-	-	-	-	5	10.000	-	-	5	10.000
FY 2017	-	-	-	-	-	-	-	-	2	4.000	2	4.000
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	1	2.000	5	10.000	6	12.000	5	10.000	2	4.000	19	38.000

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0566 - Executive Helicopters Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): VH Structural Enhancements (OSIP 016-08) - 4

Models of Systems Affected: VH-3D/VH-60N	Type Modification: SAFETY	Related RDT&E PEs:
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Installation: VH Structural Enhancements (OSIP 016-08)	Method of Implementation: Installation of VH SLEP - Structural Enhancements during SPAR	Installation Name: VH Structural Enhancements
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Installation Schedule																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	1	2	1	1	1	2	2	-	1	2	2	2	19
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	1	2	1	1	1	2	2	-	7	19

Installation: VH Structural Enhancements (OSIP 016-08)	Method of Implementation: Installation of VH-3D Fuel Upgrades during SPAR	Installation Name: VH-3D Fuel Upgrade Kits
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	-	-

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0566 - Executive Helicopters Series
Modification Nomenclature (Modification Title, Modification Number): VH Structural Enhancements (OSIP 016-08) - 4		

Models of Systems Affected: VH-3D/VH-60N	Type Modification: SAFETY	Related RDT&E PEs:
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Installation: VH Structural Enhancements (OSIP 016-08)	Method of Implementation: Installation of VH-3D Fuel Upgrades during SPAR	Installation Name: VH-3D Fuel Upgrade Kits
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Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
FY 2015	-	-	-	-	3	0.300	-	-	-	-	3	0.300
FY 2016	-	-	-	-	-	-	3	0.300	-	-	3	0.300
FY 2017	-	-	-	-	-	-	-	-	3	0.300	3	0.300
To Complete	-	-	-	-	-	-	-	-	3	0.300	3	0.300
Total	-	-	-	-	3	0.300	3	0.300	6	0.600	12	1.200

Installation Schedule																														
APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	2	1	-	6	12
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	9	12

Installation: VH Structural Enhancements (OSIP 016-08)	Method of Implementation: Not Installed - VH-3D Fuel Upgrade Equipment	Installation Quantity: 12
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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0566 - Executive Helicopters Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): OBSOLESCENCE MANAGEMENT PROGRAM (OSIP 023-09) - 5

Models of Systems Affected: VH-3D/VH-60N	Type Modification: SAFETY	Related RDT&E PEs:
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	8.003	10.329	30.339	9.294	0.000	9.294	32.226	60.220	43.514	26.722	47.840	268.487
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	8.003	10.329	30.339	9.294	0.000	9.294	32.226	60.220	43.514	26.722	47.840	268.487
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	8.003	10.329	30.339	9.294	0.000	9.294	32.226	60.220	43.514	26.722	47.840	268.487

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

DESCRIPTION/JUSTIFICATION: This OSIP provides for the readiness of the VH-3D and VH-60N Presidential Helicopters. The projected end of service for the VH-3D and VH-60N is now expected to extend beyond 2020. Funds will be utilized to manage and prepare, process, and incorporate Engineering Change Proposals and implement changes to sustain and improve all Executive Helicopter Series system readiness including safety, mission availability, structural integrity, and component (avionics/systems) reliability, maintainability, operational weight, performance, and obsolescence conditions as they arise. This program contains the following efforts: Conversion of VH-60N and VH-3D engines. Non-recurring efforts will include multiple ECPs for change kits, integration testing and ILS updates. Recurring efforts include installation kits, installation equipment and installations. Replace/upgrade the Integrated Logistics Support Avionics test benches used to support VH unique avionics. Effort will install new operating systems, replace obsolete components and core computers, test equipment and basic test program hardware. The Performance Upgrade replaces VH-60N main rotor blades. Effort installs wide cord main rotor blades for improved performance. Replace/upgrade the cabin interiors for both the VH-3D and VH-60N. Effort will upgrade VH interior by replacing components to reduce aircraft operational weight.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: VH-3D and VH-60N NRE for engine modifications began in FY 2009. NRE for the VH-60N T700-401C engine conversions began in FY 2010. This modification will cover 24 engine upgrades for 8 installations on VH-60N helicopters. 3 T700-401C engines are required per aircraft. NRE for the VH-3D T-58-400C engine conversion begins in FY12. This modification will cover 36 engine upgrades for 12 installations on VH-3D helicopters, and one test cell. 3 T-58-400C engines are required per aircraft, except for the VH-3D training aircraft which will require only two.

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy								Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0566 - Executive Helicopters Series				Modification Nomenclature (<i>Modification Title, Modification Number</i>): OBSOLESCENCE MANAGEMENT PROGRAM (OSIP 023-09) - 5					
Models of Systems Affected: VH-3D/VH-60N				Type Modification: SAFETY				Related RDT&E PEs:					
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
OBSOLESCENCE MANAGEMENT PROGRAM (OSIP 023-09)													
A Kits													
Recurring													
1.1.1) Engines Kit- VH-60N - NonOrganic ⁽⁵⁾	-	-	-	-	-	-	5	0.393	-	-	5	0.393	
1.1.2) Engines Kit -VH-3D - NonOrganic	-	-	-	-	-	-	-	-	-	-	-	-	
1.1.3) Avionics Kit - Organic	-	-	-	-	-	-	-	-	-	-	-	-	
1.1.4) Performance Upgrade Kit - Organic	-	-	-	-	-	-	-	-	-	-	-	-	
1.1.5) VH-3D Cabin Interior Redesign Kit - NonOrganic	-	-	-	-	-	-	-	-	-	-	-	-	
1.1.6) VH-60N Cabin Interior Redesign Kit - NonOrganic	-	-	-	-	-	-	-	-	-	-	-	-	
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.393		0.000		0.393	
NonRecurring													
1.2.1) Installation Kits N/R - Organic	-	1.977	-	-	-	6.816	-	1.104	-	-	-	1.104	
<i>Subtotal NonRecurring</i>		1.977		0.000		6.816		1.104		0.000		1.104	
B Kits													
Recurring													
2.1.1) Engines Conversion Equip - VH-60N - Organic	-	-	6	2.551	12	4.023	6	2.011	-	-	6	2.011	
2.1.2) Engines Conversion Equip - VH-3D - Organic	-	-	-	-	-	-	-	-	-	-	-	-	
2.1.3) Enhanced Digital Engine Control Unit - Organic	-	-	3	0.060	6	0.112	12	0.224	-	-	12	0.224	
2.1.4) Avionics Equip - Organic	-	-	-	-	-	-	-	-	-	-	-	-	
2.1.5) Performance Upgrade Equipment - Organic	-	-	-	-	-	-	-	-	-	-	-	-	
2.1.6) VH-3D Cabin Interior Redesign Equipment - Organic	-	-	-	-	-	-	-	-	-	-	-	-	
2.1.7) VH-60N Cabin Interior Redesign Equipment - Organic	-	-	-	-	-	-	-	-	-	-	-	-	
<i>Subtotal Recurring</i>		0.000		2.611		4.135		2.235		0.000		2.235	
NonRecurring													
2.2.1) Installation Equipment N/R - Organic	-	-	-	1.000	-	9.200	-	2.400	-	-	-	2.400	
<i>Subtotal NonRecurring</i>		0.000		1.000		9.200		2.400		0.000		2.400	
<i>Total, OBSOLESCENCE MANAGEMENT PROGRAM (OSIP 023-09)</i>	-	1.977	9	3.611	18	20.151	23	6.132	-	-	23	6.132	

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0566 - Executive Helicopters Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): OBSOLESCENCE MANAGEMENT PROGRAM (OSIP 023-09) - 5

Models of Systems Affected: VH-3D/VH-60N	Type Modification: SAFETY	Related RDT&E PEs:
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
<i>Total, All Modifications</i>		1.977		3.611		20.151		6.132		0.000		6.132
Support												
3.1) Engineering Change Orders	-	0.000	-	-	-	-	-	-	-	-	-	-
3.2) ECO	-	0.000	-	-	-	-	-	-	-	-	-	-
3.3) Data	-	-	-	0.218	-	1.600	-	-	-	-	-	-
3.4) Training Equipment	-	5.491	-	-	-	-	-	-	-	-	-	-
3.5) Support Equipment	-	-	-	-	-	-	-	0.100	-	-	-	0.100
3.6) ILS	-	-	-	-	-	0.800	-	0.250	-	-	-	0.250
3.7) Other Support	-	0.535	-	6.500	-	7.788	-	2.812	-	-	-	2.812
3.8) Interim Contractor Support	-	0.000	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		6.026		6.718		10.188		3.162		0.000		3.162
<i>Procurement Cost (Procurement + Support)</i>		8.003		10.329		30.339		9.294		0.000		9.294
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		8.003		10.329		30.339		9.294		0.000		9.294

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
OBSOLESCENCE MANAGEMENT PROGRAM (OSIP 023-09)												
A Kits												
Recurring												
1.1.1) Engines Kit- VH-60N - NonOrganic ⁽⁵⁾	3	0.236	-	-	-	-	-	-	-	-	8	0.629
1.1.2) Engines Kit -VH-3D - NonOrganic	-	-	-	-	-	-	1	0.200	11	2.200	12	2.400
1.1.3) Avionics Kit - Organic	-	-	2	0.645	2	0.844	1	0.421	-	-	5	1.910
1.1.4) Performance Upgrade Kit - Organic	1	0.020	1	0.020	3	0.060	2	0.040	2	0.040	9	0.180
1.1.5) VH-3D Cabin Interior Redesign Kit - NonOrganic	1	0.100	3	0.300	3	0.300	2	0.200	2	0.200	11	1.100
1.1.6) VH-60N Cabin Interior Redesign Kit - NonOrganic	-	-	2	0.400	2	0.400	2	0.400	2	0.400	8	1.600

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Exhibit P-3A, Individual Modification: PB 2013 Navy									Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1			P-1 Line Item Nomenclature: 0566 - Executive Helicopters Series						Modification Nomenclature (<i>Modification Title, Modification Number</i>): OBSOLESCENCE MANAGEMENT PROGRAM (OSIP 023-09) - 5			
Models of Systems Affected: VH-3D/VH-60N			Type Modification: SAFETY				Related RDT&E PEs:					
Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
<i>Subtotal Recurring</i>		0.356		1.365		1.604		1.261		2.840		7.819
NonRecurring												
1.2.1) Installation Kits N/R - Organic	-	7.000	-	11.864	-	6.300	-	1.000	-	-	-	36.061
<i>Subtotal NonRecurring</i>		7.000		11.864		6.300		1.000		0.000		36.061
B Kits												
Recurring												
2.1.1) Engines Conversion Equip - VH-60N - Organic	-	-	-	-	-	-	-	-	-	-	24	8.585
2.1.2) Engines Conversion Equip - VH-3D - Organic	1	0.800	-	-	-	-	3	2.400	32	25.600	36	28.800
2.1.3) Enhanced Digital Engine Control Unit - Organic	6	0.112	-	-	-	-	-	-	-	-	27	0.508
2.1.4) Avionics Equip - Organic	-	-	2	0.400	2	0.454	1	0.226	-	-	5	1.080
2.1.5) Performance Upgrade Equipment - Organic	4	0.720	4	0.720	12	2.160	8	1.440	8	1.440	36	6.480
2.1.6) VH-3D Cabin Interior Redesign Equipment - Organic	1	0.350	3	1.050	3	1.050	2	0.700	2	0.700	11	3.850
2.1.7) VH-60N Cabin Interior Redesign Equipment - Organic	-	-	2	1.200	2	1.200	2	1.200	2	1.200	8	4.800
<i>Subtotal Recurring</i>		1.982		3.370		4.864		5.966		28.940		54.103
NonRecurring												
2.2.1) Installation Equipment N/R - Organic	-	13.100	-	14.312	-	6.600	-	1.000	-	-	-	47.612
<i>Subtotal NonRecurring</i>		13.100		14.312		6.600		1.000		0.000		47.612
<i>Total, OBSOLESCENCE MANAGEMENT PROGRAM (OSIP 023-09)</i>	17	22.438	19	30.911	29	19.368	24	9.227	61	31.780	200	145.595
<i>Total, All Modifications</i>		22.438		30.911		19.368		9.227		31.780		145.595
Support												
3.1) Engineering Change Orders	-	-	-	-	-	-	-	-	-	-	-	-
3.2) ECO	-	-	-	-	-	-	-	-	-	-	-	-
3.3) Data	-	-	-	6.000	-	4.000	-	1.700	-	-	-	13.518
3.4) Training Equipment	-	-	-	-	-	-	-	-	-	-	-	5.491
3.5) Support Equipment	-	0.040	-	-	-	-	-	-	-	-	-	0.140
3.6) ILS	-	0.240	-	1.200	-	1.166	-	1.600	-	1.800	-	7.056
3.7) Other Support	-	6.358	-	14.111	-	8.930	-	7.495	-	6.360	-	60.889
3.8) Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	-

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0566 - Executive Helicopters Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): OBSCOLESCENCE MANAGEMENT PROGRAM (OSIP 023-09) - 5

Models of Systems Affected: VH-3D/VH-60N	Type Modification: SAFETY	Related RDT&E PEs:										
Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>
<i>Total Support Cost</i>		6.638		21.311		14.096		10.795		8.160		87.094
<i>Procurement Cost (Procurement + Support)</i>		29.076		52.222		33.464		20.022		39.940		232.689
<i>Total Installation Cost</i>		3.150		7.998		10.050		6.700		7.900		35.798
Total Cost (Procurement + Support + Installation)		32.226		60.220		43.514		26.722		47.840		268.487

Remarks:

- (5) 1. Engine A-Kit quantity allows for 8 VH60Ns, and 12 VH3Ds (including one VH3D test a/c).
2. Engine B-Kit quantity includes additional end items, which will not be part of initial installation.
3. VH-3D / T-58-400C engine B-kit in FY14 will be used on test cell, not installed onto an aircraft.
4. 3 Enhanced Digital Engine Control Units (EDECU) are required in FY 2011 for the VH-60N Test Aircraft.

5. Avionics kits will be installed at the O level
6. VH Cabin Interior Redesign modifications include both the VH-3D and the VH-60N.
7. Performance Upgrade Kit allows for one A-kit per a/c. Performance Upgrade Equip allows for four B-kits (blades) per a/c.

8. Performance Upgrade kits will be installed at the O level.

Manufacturer Information: OBSCOLESCENCE MANAGEMENT PROGRAM (OSIP 023-09)

Manufacturer Name: Sikorsky Aircraft Corp				Manufacturer Location: Stratford, CT- Engines VH-60N			
Administrative Leadtime (<i>in Months</i>): 9				Production Leadtime (<i>in Months</i>): 5			
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates			Jun 2013	Jun 2014			
Delivery Dates			Nov 2013	Nov 2014			
Manufacturer Name: Sikorsky Aircraft Corp				Manufacturer Location: Stratford, CT - Engines VH-3D			
Administrative Leadtime (<i>in Months</i>): 6				Production Leadtime (<i>in Months</i>): 8			
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates							Mar 2017
Delivery Dates							Nov 2017
Manufacturer Name: Sikorsky Aircraft Corp				Manufacturer Location: Stratford, CT - VH-3D Cabin Interior			
Administrative Leadtime (<i>in Months</i>): 3				Production Leadtime (<i>in Months</i>): 3			

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0566 - Executive Helicopters Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): OBSCOLESCENCE MANAGEMENT PROGRAM (OSIP 023-09) - 5

Models of Systems Affected: VH-3D/VH-60N	Type Modification: SAFETY	Related RDT&E PEs:
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Manufacturer Information: OBSCOLESCENCE MANAGEMENT PROGRAM (OSIP 023-09)

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates				Dec 2013			
Delivery Dates				Mar 2014			

Manufacturer Name: Sikorsky Aircraft Corp	Manufacturer Location: Stratford, CT - VH-60N Cabin Interior
Administrative Leadtime (<i>in Months</i>): 3	Production Leadtime (<i>in Months</i>): 2

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates					Dec 2014	Dec 2015	Dec 2016
Delivery Dates					Feb 2015	Feb 2016	Feb 2017

Installation: OBSCOLESCENCE MANAGEMENT PROGRAM (OSIP 023-09)	Method of Implementation: Installation of VH-60N Engines - Contractor Mod Team	Installation Name: Engines Kit- VH-60N
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	-	-

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0566 - Executive Helicopters Series
		Modification Nomenclature (Modification Title, Modification Number): OBSOLESCENCE MANAGEMENT PROGRAM (OSIP 023-09) - 5

Models of Systems Affected: VH-3D/VH-60N	Type Modification: SAFETY	Related RDT&E PEs:
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Installation: OBSOLESCENCE MANAGEMENT PROGRAM (OSIP 023-09)	Method of Implementation: Installation of VH-60N Engines - Contractor Mod Team	Installation Name: Engines Kit- VH-60N
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Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	5	1.600	-	-	-	-	-	-	-	-	5	1.600
FY 2014	-	-	3	1.548	-	-	-	-	-	-	3	1.548
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	5	1.600	3	1.548	-	-	-	-	-	-	8	3.148

Installation Schedule																														
APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	-	-	-	-	-	-	-	-	1	1	2	1	1	2	-	-	-	-	-	-	-	-	-	-	-	8
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	2	1	1	2	-	-	-	-	-	-	-	-	-	-	8

Installation: OBSOLESCENCE MANAGEMENT PROGRAM (OSIP 023-09)	Method of Implementation: Installation of VH-3D Engines - Contractor Mod Team	Installation Name: Engines Kit -VH-3D
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0566 - Executive Helicopters Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): OBSOLESCENCE MANAGEMENT PROGRAM (OSIP 023-09) - 5

Models of Systems Affected: VH-3D/VH-60N	Type Modification: SAFETY	Related RDT&E PEs:
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Installation: OBSOLESCENCE MANAGEMENT PROGRAM (OSIP 023-09)	Method of Implementation: Installation of VH-3D Engines - Contractor Mod Team	Installation Name: Engines Kit -VH-3D
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	-	-

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	1	0.100	1	0.100
To Complete	-	-	-	-	-	-	-	-	11	1.100	11	1.100
Total	-	-	-	-	-	-	-	-	12	1.200	12	1.200

Installation Schedule																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	12
Out	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	12

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0566 - Executive Helicopters Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): OBSOLESCENCE MANAGEMENT PROGRAM (OSIP 023-09) - 5

Models of Systems Affected: VH-3D/VH-60N	Type Modification: SAFETY	Related RDT&E PEs:
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Installation: OBSOLESCENCE MANAGEMENT PROGRAM (OSIP 023-09)	Method of Implementation: Installation of VH-3D Cabin Interior Redesign Mod	Installation Name: VH-3D Cabin Interior Redesign Kit
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	-	-

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	1	1.550	-	-	-	-	-	-	-	-	1	1.550
FY 2015	-	-	3	4.650	-	-	-	-	-	-	3	4.650
FY 2016	-	-	-	-	3	4.650	-	-	-	-	3	4.650
FY 2017	-	-	-	-	-	-	2	3.100	-	-	2	3.100
To Complete	-	-	-	-	-	-	-	-	2	3.100	2	3.100
Total	1	1.550	3	4.650	3	4.650	2	3.100	2	3.100	11	17.050

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0566 - Executive Helicopters Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): OBSCOLESCENCE MANAGEMENT PROGRAM (OSIP 023-09) - 5

Models of Systems Affected: VH-3D/VH-60N	Type Modification: SAFETY	Related RDT&E PEs:
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Installation: OBSCOLESCENCE MANAGEMENT PROGRAM (OSIP 023-09)	Method of Implementation: Installation of VH-3D Cabin Interior Redesign Mod	Installation Name: VH-3D Cabin Interior Redesign Kit
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Installation Schedule																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	1	1	-	1	1	1	-	1	1	-	2	11
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	1	1	-	1	1	1	-	4	11

Installation: OBSCOLESCENCE MANAGEMENT PROGRAM (OSIP 023-09)	Method of Implementation: Installation of VH-60N Cabin Interior Redesign Mod	Installation Name: VH-60N Cabin Interior Redesign Kit
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	-	-

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0566 - Executive Helicopters Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): OBSCOLESCENCE MANAGEMENT PROGRAM (OSIP 023-09) - 5

Models of Systems Affected: VH-3D/VH-60N	Type Modification: SAFETY	Related RDT&E PEs:
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Installation: OBSCOLESCENCE MANAGEMENT PROGRAM (OSIP 023-09)	Method of Implementation: Installation of VH-60N Cabin Interior Redesign Mod	Installation Name: VH-60N Cabin Interior Redesign Kit
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Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
FY 2015	-	-	1	1.800	1	1.800	-	-	-	-	2	3.600
FY 2016	-	-	-	-	2	3.600	-	-	-	-	2	3.600
FY 2017	-	-	-	-	-	-	2	3.600	-	-	2	3.600
To Complete	-	-	-	-	-	-	-	-	2	3.600	2	3.600
Total	-	-	1	1.800	3	5.400	2	3.600	2	3.600	8	14.400

Installation Schedule																																
APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot		
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4				
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	8
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1	-	4	8

Installation: OBSCOLESCENCE MANAGEMENT PROGRAM (OSIP 023-09)	Method of Implementation: Not Installed - Avionics Kit	Installation Quantity: 5
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Installation: OBSCOLESCENCE MANAGEMENT PROGRAM (OSIP 023-09)	Method of Implementation: Not Installed - Performance Upgrade Kit	Installation Quantity: 9
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Installation: OBSCOLESCENCE MANAGEMENT PROGRAM (OSIP 023-09)	Method of Implementation: Not Installed - Engines Conversion Equip - VH-60N	Installation Quantity: 24
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Installation: OBSCOLESCENCE MANAGEMENT PROGRAM (OSIP 023-09)	Method of Implementation: Not Installed - Engines Conversion Equip - VH-3D	Installation Quantity: 36
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Installation: OBSCOLESCENCE MANAGEMENT PROGRAM (OSIP 023-09)	Method of Implementation: Not Installed - Enhanced Digital Engine Control Unit	Installation Quantity: 27
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Installation: OBSCOLESCENCE MANAGEMENT PROGRAM (OSIP 023-09)	Method of Implementation: Not Installed - Avionics Equip	Installation Quantity: 5
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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0566 - Executive Helicopters Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): OBSOLESCENCE MANAGEMENT PROGRAM (OSIP 023-09) - 5
Models of Systems Affected: VH-3D/VH-60N	Type Modification: SAFETY	Related RDT&E PEs:
Installation: OBSOLESCENCE MANAGEMENT PROGRAM (OSIP 023-09)	Method of Implementation: Not Installed - Performance Upgrade Equipment	Installation Quantity: 36
Installation: OBSOLESCENCE MANAGEMENT PROGRAM (OSIP 023-09)	Method of Implementation: Not Installed - VH-3D Cabin Interior Redesign Equipment	Installation Quantity: 11
Installation: OBSOLESCENCE MANAGEMENT PROGRAM (OSIP 023-09)	Method of Implementation: Not Installed - VH-60N Cabin Interior Redesign Equipment	Installation Quantity: 8

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0566 - Executive Helicopters Series	Modification Nomenclature <i>(Modification Title, Modification Number):</i> VH-3D/VH-60N Trainers Conversion (OSIP 009-11) - 6

Models of Systems Affected: VH-3D / VH-60N			Type Modification: SAFETY				Related RDT&E PEs:					
Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	0.000	4.444	5.300	13.590	0.000	13.590	15.000	0.000	0.000	0.000	0.000	38.334
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	0.000	4.444	5.300	13.590	0.000	13.590	15.000	0.000	0.000	0.000	0.000	38.334
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	0.000	4.444	5.300	13.590	0.000	13.590	15.000	0.000	0.000	0.000	0.000	38.334

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

DESCRIPTION/JUSTIFICATION: In order to meet the requirement of providing safe and timely transportation for the President, Vice President, and other parties as directed by the Director of the White House Military Office (WHMO), and in support of the alert and contingency mission requirement of the WHMO Operations Plan, a trainer conversion program has been established to convert a UH-3H and SH-60F into VH-3D and VH-60N trainer aircraft to alleviate pressure on national fleet assets. This effort will allow for more in-service aircraft to be available for the mission and will preserve flight hours on in-service aircraft. The conversion will allow for modifications including the VH-60N Cockpit Upgrade, VH Communication Suite Upgrade, VH-3D Lift Improvement, and VH Structural Enhancements (Top Deck Kits and Service Life Extension Plan (SLEP) modifications). Funds will also be utilized to manage and prepare, process, and incorporate Engineering Change Proposals and implement changes that were made on all operational Executive Helicopter Series aircraft including safely, mission availability, structural integrity, and component (avionics/systems) reliability, maintainability, and obsolescence conditions as they arise.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: Procurement efforts for the TH-3D and TH-60N conversion will begin in FY 2012 with completion of the conversions projected in FY 2014.

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Exhibit P-3A, Individual Modification: PB 2013 Navy								Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0566 - Executive Helicopters Series				Modification Nomenclature (<i>Modification Title, Modification Number</i>): VH-3D/VH-60N Trainers Conversion (OSIP 009-11) - 6					
Models of Systems Affected: VH-3D / VH-60N				Type Modification: SAFETY				Related RDT&E PEs:					
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
VH-3D/VH-60N Trainers Conversion (OSIP 009-11)													
A Kits													
Recurring													
1.1.1) TH-3D Conversion Kit - NonOrganic	-	-	-	-	-	-	1	1.000	-	-	1	1.000	
1.1.2) TH-3D Structural Mod Kit - NonOrganic	-	-	-	-	-	-	1	1.500	-	-	1	1.500	
1.1.3) TH-60N Conversion Kit - NonOrganic	-	-	-	-	-	-	-	-	-	-	-	-	
1.1.4) TH-60N Structural Kit - NonOrganic	-	-	-	-	-	-	-	-	-	-	-	-	
<i>Subtotal Recurring</i>		0.000		0.000		0.000		2.500		0.000		2.500	
NonRecurring													
1.2.1) Installation Kits N/R - Organic	-	-	-	1.800	-	1.900	-	2.000	-	-	-	2.000	
<i>Subtotal NonRecurring</i>		0.000		1.800		1.900		2.000		0.000		2.000	
B Kits													
Recurring													
2.1.1) TH-3D Conversion Equip - Organic	-	-	-	-	-	-	1	1.300	-	-	1	1.300	
2.1.2) TH-3D Structural Mod Equip - Organic	-	-	-	-	-	-	1	1.600	-	-	1	1.600	
2.1.3) TH-60N Conversion Equip - Organic	-	-	-	-	-	-	-	-	-	-	-	-	
2.1.4) TH-60N Structural Equip - Organic	-	-	-	-	-	-	-	-	-	-	-	-	
<i>Subtotal Recurring</i>		0.000		0.000		0.000		2.900		0.000		2.900	
NonRecurring													
2.2.1) Installation Equipment N/R - Organic	-	-	-	2.314	-	2.800	-	2.000	-	-	-	2.000	
<i>Subtotal NonRecurring</i>		0.000		2.314		2.800		2.000		0.000		2.000	
<i>Total, VH-3D/VH-60N Trainers Conversion (OSIP 009-11)</i>	-	-	-	4.114	-	4.700	4	9.400	-	-	4	9.400	
<i>Total, All Modifications</i>		0.000		4.114		4.700		9.400		0.000		9.400	
Support													
3.1) Engineering Change Orders	-	0.000	-	-	-	-	-	-	-	-	-	-	
3.2) Data	-	0.000	-	-	-	-	-	-	-	-	-	-	
3.3) Training Equipment	-	0.000	-	-	-	-	-	-	-	-	-	-	

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0566 - Executive Helicopters Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): VH-3D/VH-60N Trainers Conversion (OSIP 009-11) - 6

Models of Systems Affected: VH-3D / VH-60N	Type Modification: SAFETY	Related RDT&E PEs:										
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
3.4) Support Equipment	-	0.000	-	-	-	-	-	-	-	-	-	-
3.5) ILS	-	0.000	-	-	-	-	-	-	-	-	-	-
3.6) Other Support	-	-	-	0.330	-	0.600	-	0.690	-	-	-	0.690
3.7) Interim Contractor Support	-	0.000	-	-	-	-	-	-	-	-	-	-
Total Support Cost		0.000		0.330		0.600		0.690		0.000		0.690
Procurement Cost (Procurement + Support)		0.000		4.444		5.300		10.090		0.000		10.090
Total Installation Cost		0.000		0.000		0.000		3.500		0.000		3.500
Total Cost (Procurement + Support + Installation)		0.000		4.444		5.300		13.590		0.000		13.590

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
VH-3D/VH-60N Trainers Conversion (OSIP 009-11)												
A Kits												
Recurring												
1.1.1) TH-3D Conversion Kit - NonOrganic	-	-	-	-	-	-	-	-	-	-	1	1.000
1.1.2) TH-3D Structural Mod Kit - NonOrganic	-	-	-	-	-	-	-	-	-	-	1	1.500
1.1.3) TH-60N Conversion Kit - NonOrganic	1	1.500	-	-	-	-	-	-	-	-	1	1.500
1.1.4) TH-60N Structural Kit - NonOrganic	1	3.000	-	-	-	-	-	-	-	-	1	3.000
Subtotal Recurring		4.500		0.000		0.000		0.000		0.000		7.000
NonRecurring												
1.2.1) Installation Kits N/R - Organic	-	-	-	-	-	-	-	-	-	-	-	5.700
Subtotal NonRecurring		0.000		0.000		0.000		0.000		0.000		5.700
B Kits												
Recurring												
2.1.1) TH-3D Conversion Equip - Organic	-	-	-	-	-	-	-	-	-	-	1	1.300
2.1.2) TH-3D Structural Mod Equip - Organic	-	-	-	-	-	-	-	-	-	-	1	1.600
2.1.3) TH-60N Conversion Equip - Organic	1	2.500	-	-	-	-	-	-	-	-	1	2.500

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0566 - Executive Helicopters Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): VH-3D/VH-60N Trainers Conversion (OSIP 009-11) - 6

Models of Systems Affected: VH-3D / VH-60N	Type Modification: SAFETY	Related RDT&E PEs:
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
2.1.4) TH-60N Structural Equip - Organic	1	4.100	-	-	-	-	-	-	-	-	1	4.100
<i>Subtotal Recurring</i>		6.600		0.000		0.000		0.000		0.000		9.500
NonRecurring												
2.2.1) Installation Equipment N/R - Organic	-	-	-	-	-	-	-	-	-	-	-	7.114
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		7.114
<i>Total, VH-3D/VH-60N Trainers Conversion (OSIP 009-11)</i>	4	11.100	-	-	-	-	-	-	-	-	8	29.314
<i>Total, All Modifications</i>		11.100		0.000		0.000		0.000		0.000		29.314
Support												
3.1) Engineering Change Orders	-	-	-	-	-	-	-	-	-	-	-	-
3.2) Data	-	-	-	-	-	-	-	-	-	-	-	-
3.3) Training Equipment	-	-	-	-	-	-	-	-	-	-	-	-
3.4) Support Equipment	-	-	-	-	-	-	-	-	-	-	-	-
3.5) ILS	-	-	-	-	-	-	-	-	-	-	-	-
3.6) Other Support	-	0.200	-	-	-	-	-	-	-	-	-	1.820
3.7) Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		0.200		0.000		0.000		0.000		0.000		1.820
<i>Procurement Cost (Procurement + Support)</i>		11.300		0.000		0.000		0.000		0.000		31.134
<i>Total Installation Cost</i>		3.700		0.000		0.000		0.000		0.000		7.200
Total Cost (Procurement + Support + Installation)		15.000		0.000		0.000		0.000		0.000		38.334

Remarks:

Manufacturer Information: VH-3D/VH-60N Trainers Conversion (OSIP 009-11)	
Manufacturer Name: Sikorsky Aircraft Corporation- TH-3D Conversion	Manufacturer Location: Stratford, CT
Administrative Leadtime (in Months): 6	Production Leadtime (in Months): 2

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates			Mar 2013				
Delivery Dates			May 2013				

Manufacturer Name: Sikorsky Aircraft Corporation - TH-3D Structural Mod	Manufacturer Location: Stratford, CT
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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0566 - Executive Helicopters Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): VH-3D/VH-60N Trainers Conversion (OSIP 009-11) - 6

Models of Systems Affected: VH-3D / VH-60N	Type Modification: SAFETY	Related RDT&E PEs:
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Manufacturer Information: VH-3D/VH-60N Trainers Conversion (OSIP 009-11)							
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Administrative Leadtime (<i>in Months</i>): 6				Production Leadtime (<i>in Months</i>): 2			
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates			Mar 2013				
Delivery Dates			May 2013				

Manufacturer Name: Sikorsky Aircraft Corporation- TH-60N Conversion				Manufacturer Location: Stratford, CT			
Administrative Leadtime (<i>in Months</i>): 3				Production Leadtime (<i>in Months</i>): 9			

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates				Dec 2013			
Delivery Dates				Sep 2014			

Manufacturer Name: Sikorsky Aircraft Corporation - TH-60N Structural Mod				Manufacturer Location: Stratford, CT			
Administrative Leadtime (<i>in Months</i>): 3				Production Leadtime (<i>in Months</i>): 9			

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates				Dec 2013			
Delivery Dates				Sep 2014			

Installation: VH-3D/VH-60N Trainers Conversion (OSIP 009-11)	Method of Implementation: Installation of TH-3D Conversion - Contractor Mod Team	Installation Name: TH-3D Conversion Kit
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	1	2.500	0	0.000	1	2.500
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0566 - Executive Helicopters Series
		Modification Nomenclature (<i>Modification Title, Modification Number</i>): VH-3D/VH-60N Trainers Conversion (OSIP 009-11) - 6

Models of Systems Affected: VH-3D / VH-60N	Type Modification: SAFETY	Related RDT&E PEs:
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Installation: VH-3D/VH-60N Trainers Conversion (OSIP 009-11)	Method of Implementation: Installation of TH-3D Conversion - Contractor Mod Team	Installation Name: TH-3D Conversion Kit
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Total	-	-	-	-	-	-	1	2.500	0	0.000	1	2.500

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	1	2.500
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	1	2.500

Installation Schedule																														
APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Out	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Installation: VH-3D/VH-60N Trainers Conversion (OSIP 009-11)	Method of Implementation: Installation of TH-3D Structural Mod - Contractor Team Mod	Installation Name: TH-3D Structural Mod Kit
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0566 - Executive Helicopters Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): VH-3D/VH-60N Trainers Conversion (OSIP 009-11) - 6

Models of Systems Affected: VH-3D / VH-60N	Type Modification: SAFETY	Related RDT&E PEs:
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Installation: VH-3D/VH-60N Trainers Conversion (OSIP 009-11)	Method of Implementation: Installation of TH-3D Structural Mod - Contractor Team Mod	Installation Name: TH-3D Structural Mod Kit
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	1	1.000	0	0.000	1	1.000
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	1	1.000	0	0.000	1	1.000

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	1	1.000
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	1	1.000

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0566 - Executive Helicopters Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): VH-3D/VH-60N Trainers Conversion (OSIP 009-11) - 6

Models of Systems Affected: VH-3D / VH-60N	Type Modification: SAFETY	Related RDT&E PEs:
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Installation: VH-3D/VH-60N Trainers Conversion (OSIP 009-11)	Method of Implementation: Installation of TH-3D Structural Mod - Contractor Team Mod	Installation Name: TH-3D Structural Mod Kit
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Installation Schedule																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	

Installation: VH-3D/VH-60N Trainers Conversion (OSIP 009-11)	Method of Implementation: Installation of TH-60N Conversion - Contractor Mod Team	Installation Name: TH-60N Conversion Kit
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	-	-

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	1	1.700	-	-	-	-	-	-	-	-	1	1.700

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0566 - Executive Helicopters Series
		Modification Nomenclature (<i>Modification Title, Modification Number</i>): VH-3D/VH-60N Trainers Conversion (OSIP 009-11) - 6

Models of Systems Affected: VH-3D / VH-60N	Type Modification: SAFETY	Related RDT&E PEs:
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Installation: VH-3D/VH-60N Trainers Conversion (OSIP 009-11)	Method of Implementation: Installation of TH-60N Conversion - Contractor Mod Team	Installation Name: TH-60N Conversion Kit
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Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	1	1.700	-	-	-	-	-	-	-	-	1	1.700

Installation Schedule																																			
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot				
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4						
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1

Installation: VH-3D/VH-60N Trainers Conversion (OSIP 009-11)	Method of Implementation: Installation of TH-60N Structural Mod - Contractor Mod Team	Installation Name: TH-60N Structural Kit
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0566 - Executive Helicopters Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): VH-3D/VH-60N Trainers Conversion (OSIP 009-11) - 6

Models of Systems Affected: VH-3D / VH-60N	Type Modification: SAFETY	Related RDT&E PEs:
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Installation: VH-3D/VH-60N Trainers Conversion (OSIP 009-11)	Method of Implementation: Installation of TH-60N Structural Mod - Contractor Mod Team	Installation Name: TH-60N Structural Kit
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Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	1	2.000	-	-	-	-	-	-	-	-	1	2.000
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	1	2.000	-	-	-	-	-	-	-	-	1	2.000

Installation Schedule																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1		
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1		

Installation: VH-3D/VH-60N Trainers Conversion (OSIP 009-11)	Method of Implementation: Not Installed - TH-3D Conversion Equip	Installation Quantity: 1
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Installation: VH-3D/VH-60N Trainers Conversion (OSIP 009-11)	Method of Implementation: Not Installed - TH-3D Structural Mod Equip	Installation Quantity: 1
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Installation: VH-3D/VH-60N Trainers Conversion (OSIP 009-11)	Method of Implementation: Not Installed - TH-60N Conversion Equip	Installation Quantity: 1
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Installation: VH-3D/VH-60N Trainers Conversion (OSIP 009-11)	Method of Implementation: Not Installed - TH-60N Structural Equip	Installation Quantity: 1
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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0566 - Executive Helicopters Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): VH-3D COCKPIT UPGRADE (OSIP 010-12) - 7

Models of Systems Affected: VH-3D	Type Modification: SAFETY	Related RDT&E PEs:
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	0.000	0.000	16.954	20.369	0.000	20.369	23.550	22.382	21.098	22.598	37.331	164.282
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	0.000	0.000	16.954	20.369	0.000	20.369	23.550	22.382	21.098	22.598	37.331	164.282
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	0.000	0.000	16.954	20.369	0.000	20.369	23.550	22.382	21.098	22.598	37.331	164.282

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

DESCRIPTION/JUSTIFICATION: In order to meet the requirement of providing safe and timely transportation for the President, Vice President, and other parties as directed by the Director of the White House Military Office (WHMO), and in support of the alert and contingency mission requirement of the WHMO Operations Plan, a VH-3D Cockpit Upgrade program has been established to extend the VH-3D service life requirements. The VH-3D Cockpit Upgrade eliminates pending obsolescence & supportability issues with key avionics components and brings the VH-3D in compliance with mandated avionics capabilities (CNS/ATM, TAWS/GPWS, Mode 5 IFF). In addition, an upgraded cockpit improves system safety, reduces pilot workload and training requirements, and provides a cockpit common with the VH-60N. The baseline upgrade includes digital map and GPS approach functionality, bringing the VH-3D in line with VH-60N capabilities. Modern, common avionics equipment will reduce logistics cost and increase reliability.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: Procurement efforts for the VH-3D Cockpit Upgrade begin in FY 2012, with completion projected in FY 2018.

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Exhibit P-3A, Individual Modification: PB 2013 Navy								Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0566 - Executive Helicopters Series				Modification Nomenclature (<i>Modification Title, Modification Number</i>): VH-3D COCKPIT UPGRADE (OSIP 010-12) - 7					
Models of Systems Affected: VH-3D			Type Modification: SAFETY					Related RDT&E PEs:					
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
VH-3D COCKPIT UPGRADE (OSIP 010-12)													
A Kits													
Recurring													
1.1.1) VH-3D Cockpit Upgrade Kit - NonOrganic ⁽⁶⁾													
<i>Subtotal Recurring</i>													
NonRecurring													
1.2.1) Installation Kits N/R - Organic													
<i>Subtotal NonRecurring</i>													
B Kits													
Recurring													
2.1.1) VH-3D Cockpit Upgrade Kit - Organic													
<i>Subtotal Recurring</i>													
NonRecurring													
2.2.1) Installation Equipment N/R - Organic													
<i>Subtotal NonRecurring</i>													
<i>Total, VH-3D COCKPIT UPGRADE (OSIP 010-12)</i>													
<i>Total, All Modifications</i>													
Support													
3.1) Engineering Change Orders													
3.2) Data													
3.3) Training Equipment													
3.4) Support Equipment													
3.5) ILS													
3.6) Other Support													
3.7) Interim Contractor Support													
<i>Total Support Cost</i>													
<i>Procurement Cost (Procurement + Support)</i>													

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Exhibit P-3A, Individual Modification: PB 2013 Navy									Date: February 2012				
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0566 - Executive Helicopters Series					Modification Nomenclature (<i>Modification Title, Modification Number</i>): VH-3D COCKPIT UPGRADE (OSIP 010-12) - 7				
Models of Systems Affected: VH-3D			Type Modification: SAFETY					Related RDT&E PEs:					
Financial Plan		Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
		Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
<i>Total Installation Cost</i>			0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)			0.000		0.000		16.954		20.369		0.000		20.369
Financial Plan		FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
		Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement													
VH-3D COCKPIT UPGRADE (OSIP 010-12)													
A Kits													
Recurring													
1.1.1) VH-3D Cockpit Upgrade Kit - NonOrganic ⁽⁶⁾		1	1.785	2	3.613	2	3.678	2	3.944	4	6.906	11	19.926
<i>Subtotal Recurring</i>			1.785		3.613		3.678		3.944		6.906		19.926
NonRecurring													
1.2.1) Installation Kits N/R - Organic		-	5.853	-	-	-	-	-	-	-	-	-	25.612
<i>Subtotal NonRecurring</i>			5.853		0.000		0.000		0.000		0.000		25.612
B Kits													
Recurring													
2.1.1) VH-3D Cockpit Upgrade Kit - Organic		1	2.025	2	4.281	2	4.358	2	4.737	4	8.328	11	23.729
<i>Subtotal Recurring</i>			2.025		4.281		4.358		4.737		8.328		23.729
NonRecurring													
2.2.1) Installation Equipment N/R - Organic		-	5.770	-	-	-	-	-	-	-	-	-	18.095
<i>Subtotal NonRecurring</i>			5.770		0.000		0.000		0.000		0.000		18.095
<i>Total, VH-3D COCKPIT UPGRADE (OSIP 010-12)</i>		2	15.433	4	7.894	4	8.036	4	8.681	8	15.234	22	87.362
<i>Total, All Modifications</i>			15.433		7.894		8.036		8.681		15.234		87.362
Support													
3.1) Engineering Change Orders		-	-	-	-	-	-	-	-	-	-	-	-
3.2) Data		-	1.254	-	1.452	-	0.997	-	1.086	-	-	-	4.789
3.3) Training Equipment		-	1.926	-	3.368	-	2.206	-	2.800	-	-	-	10.300

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0566 - Executive Helicopters Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): VH-3D COCKPIT UPGRADE (OSIP 010-12) - 7

Models of Systems Affected: VH-3D	Type Modification: SAFETY	Related RDT&E PEs:
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
3.4) Support Equipment	-	-	-	-	-	-	-	-	-	-	-	-
3.5) ILS	-	1.574	-	1.298	-	-	-	-	-	-	-	2.872
3.6) Other Support	-	3.363	-	5.008	-	3.014	-	3.063	-	0.430	-	20.117
3.7) Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	-
Total Support Cost		8.117		11.126		6.217		6.949		0.430		38.078
Procurement Cost (Procurement + Support)		23.550		19.020		14.253		15.630		15.664		125.440
Total Installation Cost		0.000		3.362		6.845		6.968		21.667		38.842
Total Cost (Procurement + Support + Installation)		23.550		22.382		21.098		22.598		37.331		164.282

Remarks:
⁽⁶⁾1. Non-Recurring Engineering funding in FY 2013 and FY 2014 is for Satellite Weather Upgrades.

Manufacturer Information: VH-3D COCKPIT UPGRADE (OSIP 010-12)

Manufacturer Name: Sikorsky Aircraft Corporation				Manufacturer Location: Stratford, CT			
Administrative Leadtime (in Months): 3				Production Leadtime (in Months): 13			
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates				Dec 2013			
Delivery Dates				Jan 2015			

Installation: VH-3D COCKPIT UPGRADE (OSIP 010-12) **Method of Implementation:** Installation of Cockpit Upgrade during SPAR **Installation Name:** VH-3D Cockpit Upgrade Kit

Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0566 - Executive Helicopters Series	Modification Nomenclature (Modification Title, Modification Number): VH-3D COCKPIT UPGRADE (OSIP 010-12) - 7

Models of Systems Affected: VH-3D	Type Modification: SAFETY	Related RDT&E PEs:
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Installation: VH-3D COCKPIT UPGRADE (OSIP 010-12)	Method of Implementation: Installation of Cockpit Upgrade during SPAR	Installation Name: VH-3D Cockpit Upgrade Kit
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	-	-

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	1	3.362	-	-	-	-	-	-	1	3.362
FY 2015	-	-	-	-	2	6.845	-	-	-	-	2	6.845
FY 2016	-	-	-	-	-	-	2	6.968	-	-	2	6.968
FY 2017	-	-	-	-	-	-	-	-	2	7.094	2	7.094
To Complete	-	-	-	-	-	-	-	-	4	14.573	4	14.573
Total	-	-	1	3.362	2	6.845	2	6.968	6	21.667	11	38.842

Installation Schedule																															
APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot	
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4			
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	1	-	-	-	1	1	-	6	11
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	9	11

Installation: VH-3D COCKPIT UPGRADE (OSIP 010-12)	Method of Implementation: Not Installed - VH-3D Cockpit Upgrade Kit	Installation Quantity: 11
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Exhibit P-3A, Individual Modification: PB 2013 Navy							Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1			P-1 Line Item Nomenclature: 0566 - Executive Helicopters Series				Modification Nomenclature (<i>Modification Title, Modification Number</i>): Inactive OSIPs - 8					

Models of Systems Affected: VH-3D / VH-60N			Type Modification: SAFETY				Related RDT&E PEs:					
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	127.200	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	127.200
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	127.200	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	127.200
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	127.200	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	127.200

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0566 - Executive Helicopters Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Inactive OSIPs - 8

Models of Systems Affected: VH-3D / VH-60N	Type Modification: SAFETY	Related RDT&E PEs:
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
Inactive OSIPs												
A Kits												
NonRecurring												
1.2.1) Inactive OSIPs - Organic	-	127.200	-	-	-	-	-	-	-	-	-	-
<i>Subtotal NonRecurring</i>		127.200		0.000		0.000		0.000		0.000		0.000
<i>Total, Inactive OSIPs</i>	-	127.200	-	-	-	-	-	-	-	-	-	-
<i>Total, All Modifications</i>		127.200		0.000		0.000		0.000		0.000		0.000
Support												
3.1) New Cost Element.	-	0.000	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
<i>Procurement Cost (Procurement + Support)</i>		127.200		0.000		0.000		0.000		0.000		0.000
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		127.200		0.000		0.000		0.000		0.000		0.000

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
Inactive OSIPs												
A Kits												
NonRecurring												
1.2.1) Inactive OSIPs - Organic	-	-	-	-	-	-	-	-	-	-	-	127.200
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		127.200
<i>Total, Inactive OSIPs</i>	-	-	-	-	-	-	-	-	-	-	-	127.200
<i>Total, All Modifications</i>		0.000		0.000		0.000		0.000		0.000		127.200
Support												
3.1) New Cost Element.	-	-	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0566 - Executive Helicopters Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Inactive OSIPs - 8

Models of Systems Affected: VH-3D / VH-60N	Type Modification: SAFETY	Related RDT&E PEs:
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
<i>Procurement Cost (Procurement + Support)</i>		0.000		0.000		0.000		0.000		0.000		127.200
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		0.000		0.000		0.000		0.000		0.000		127.200

Remarks:

Manufacturer Information: Inactive OSIPs

Manufacturer Name: Manufacturer Name Not Provided. Manufacturer Location: Manufacturer Location Not Provided.

Administrative Leadtime (*in Months*): Production Leadtime (*in Months*):

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates							
Delivery Dates							

Installation: Inactive OSIPs

Method of Implementation: No Quantities Associated with Install **Installation Quantity:** 0

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Exhibit P-40, Budget Item Justification Sheet: PB 2013 Navy **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity:
1506N : Aircraft Procurement, Navy / BA 5 : Modification of Aircraft / BSA 1 :
Modification Of Aircraft

P-1 Line Item Nomenclature:
0567 - Special Project Acft

ID Code (A=Service Ready, B=Not Service Ready) : A **Program Elements for Code B Items:** **Other Related Program Elements:**

Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	379.247	20.695	22.232	12.421	2.714	15.135	12.479	12.621	12.842	11.044	71.727	558.022
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	379.247	20.695	22.232	12.421	2.714	15.135	12.479	12.621	12.842	11.044	71.727	558.022
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	379.247	20.695	22.232	12.421	2.714	15.135	12.479	12.621	12.842	11.044	71.727	558.022

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The Special Projects program modifies and/or replaces obsolete special mission equipment and integrates Quick Reaction Capability as required in six P-3 aircraft. Procurements vary in each fiscal year and include common Navy systems for increased capability, reduced operator workload and common logistics, as well as procurement of special mission equipment as directed by the Chief of Naval Operations. Active PAA inventory is 4 with additional 2 BAA aircraft in the Special Mission inventory. FY2011 \$6.1M for OCO Request is for VORTEX communication and P496 Production systems. FY2012 \$11.2M for OCO Request for P496 (V2.0) Production systems and Traffic Collision Avoidance System (TCAS) Integration. FY2013 \$2.714M for OCO Request for Special Collection Equipment.

Item Schedule		Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total			
Item Nomenclature*	Exhibits	ID CD	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Intelligence Sensors (OSIP 019-97) - 1	P3A		-	-	304.892	-	-	20.695	-	-	22.232	-	-	12.421	-	-	2.714	-	-	15.135
Inactive OSIPS - 2	P3A		-	-	74.355	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000
Total Gross/Weapon System Cost					379.247			20.695			22.232			12.421			2.714			15.135

		FY 2014			FY 2015			FY 2016			FY 2017			To Complete			Total			
Item Nomenclature*	Exhibits	ID CD	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Intelligence Sensors (OSIP 019-97) - 1	P3A		-	-	12.479	-	-	12.621	-	-	12.842	-	-	11.044	-	-	71.727	-	-	483.667
Inactive OSIPS - 2	P3A		-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	74.355

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Exhibit P-40, Budget Item Justification Sheet: PB 2013 Navy **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 1506N : Aircraft Procurement, Navy / BA 5 : Modification of Aircraft / BSA 1 : Modification Of Aircraft	P-1 Line Item Nomenclature: 0567 - Special Project Acft
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ID Code (A=Service Ready, B=Not Service Ready) : A			Program Elements for Code B Items:									Other Related Program Elements:								
Item Nomenclature*	Exhibits	ID CD	FY 2014			FY 2015			FY 2016			FY 2017			To Complete			Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Total Gross/Weapon System Cost					12.479			12.621			12.842			11.044			71.727			558.022

*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.

Justification:

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Exhibit P-3A, Individual Modification: PB 2013 Navy							Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0567 - Special Project Acft				Modification Nomenclature (<i>Modification Title, Modification Number</i>): Intelligence Sensors (OSIP 019-97) - 1				

Models of Systems Affected: P-3B/C			Type Modification: Operational Improvement				Related RDT&E PEs:					
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	304.892	20.695	22.232	12.421	2.714	15.135	12.479	12.621	12.842	11.044	71.727	483.667
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	304.892	20.695	22.232	12.421	2.714	15.135	12.479	12.621	12.842	11.044	71.727	483.667
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	304.892	20.695	22.232	12.421	2.714	15.135	12.479	12.621	12.842	11.044	71.727	483.667

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

DESCRIPTION/JUSTIFICATION:

This modification replaces obsolescence intelligence collection equipment in six P-3 Special Project aircraft by procurement of special mission equipment as directed by the Chief of Naval Operations.

FY2011 includes \$6.1M for OCO Request for VORTEX communication and P496 Production systems.

FY2012 includes \$4.2M for OCO Request for P496 (V4.0) Production systems.

FY2012 includes \$6.984M for OCO Request for Traffic Collision Avoidance System (TCAS) Integration.

FY2013 includes \$2.714M for OCO Request for Special Collection Equipment

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Exhibit P-3A, Individual Modification: PB 2013 Navy										Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0567 - Special Project Acft						Modification Nomenclature (<i>Modification Title, Modification Number</i>): Intelligence Sensors (OSIP 019-97) - 1			
Models of Systems Affected: P-3B/C				Type Modification: Operational Improvement				Related RDT&E PEs:					
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
Intelligence Sensors (OSIP 019-97)													
A Kits													
Recurring													
1.1.1) P-3 Kits (Mission Unique) - Organic													
	4	0.660	-	-	-	-	-	-	-	-	-	-	
<i>Subtotal Recurring</i>		0.660		0.000		0.000		0.000		0.000		0.000	
B Kits													
Recurring													
2.1.1) Improved Comm & Collect Capability - NonOrganic ⁽¹⁾													
	-	30.093	-	1.450	-	1.100	-	0.298	-	0.000	-	0.298	
2.1.2) Mission Unique Equipment - NonOrganic													
	-	73.476	-	5.233	-	8.039	-	5.216	-	2.511	-	7.727	
2.1.3) SPA Replacement (Special Mission) - Organic													
	-	46.659	-	-	-	-	-	-	-	-	-	-	
2.1.4) Blue Force Tracking - Organic													
	6	1.754	-	-	-	-	-	-	-	-	-	-	
2.1.5) Collection Equipment - Organic													
	12	3.065	-	-	-	-	-	-	-	-	-	-	
<i>Subtotal Recurring</i>		155.047		6.683		9.139		5.514		2.511		8.025	
NonRecurring													
2.2.1) Install Equipment N/R - Organic													
	-	57.966	-	2.569	-	4.530	-	1.824	-	0.122	-	1.946	
2.2.2) BFT/Collection Equipment (Install Equip N/R) - Organic													
	-	0.120	-	-	-	-	-	-	-	-	-	-	
<i>Subtotal NonRecurring</i>		58.086		2.569		4.530		1.824		0.122		1.946	
<i>Total, Intelligence Sensors (OSIP 019-97)</i>		213.793	-	9.252	-	13.669	-	7.338	-	2.633	-	9.971	
<i>Total, All Modifications</i>		213.793		9.252		13.669		7.338		2.633		9.971	
Support													
3.1) ECO													
	-	0.000	-	-	-	-	-	-	-	-	-	-	
3.2) Data													
	-	2.944	-	0.515	-	0.632	-	0.533	-	-	-	0.533	
3.3) Training Equipment													
	-	10.334	-	0.050	-	0.150	-	0.050	-	-	-	0.050	
3.4) BFT/Collection Equipment (Training Equip)													
	-	0.181	-	-	-	-	-	-	-	-	-	-	
3.5) Support Equipment													
	-	0.223	-	0.057	-	0.100	-	0.050	-	-	-	0.050	
3.6) ILS													
	-	2.923	-	0.086	-	0.146	-	0.211	-	0.081	-	0.292	
3.7) Other Support													
	-	32.392	-	3.122	-	3.800	-	3.839	-	-	-	3.839	
3.8) Interim Contractor Support													
	-	0.000	-	-	-	-	-	-	-	-	-	-	

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0567 - Special Project Acft	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Intelligence Sensors (OSIP 019-97) - 1

Models of Systems Affected: P-3B/C	Type Modification: Operational Improvement	Related RDT&E PEs:										
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
<i>Total Support Cost</i>		48.997		3.830		4.828		4.683		0.081		4.764
<i>Procurement Cost (Procurement + Support)</i>		262.790		13.082		18.497		12.021		2.714		14.735
<i>Total Installation Cost</i>		42.102		7.613		3.735		0.400		0.000		0.400
Total Cost (Procurement + Support + Installation)		304.892		20.695		22.232		12.421		2.714		15.135

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
Intelligence Sensors (OSIP 019-97)												
A Kits												
Recurring												
1.1.1) P-3 Kits (Mission Unique) - Organic	-	-	-	-	-	-	-	-	-	-	4	0.660
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		0.660
B Kits												
Recurring												
2.1.1) Improved Comm & Collect Capability - NonOrganic ⁽¹⁾	-	0.421	-	1.579	-	1.391	-	0.347	-	9.253	-	45.932
2.1.2) Mission Unique Equipment - NonOrganic	-	6.695	-	5.271	-	4.624	-	3.591	-	10.487	-	125.143
2.1.3) SPA Replacement (Special Mission) - Organic	-	-	-	-	-	-	-	-	-	-	-	46.659
2.1.4) Blue Force Tracking - Organic	-	-	-	-	-	-	-	-	-	-	6	1.754
2.1.5) Collection Equipment - Organic	-	-	-	-	-	-	-	-	-	-	12	3.065
<i>Subtotal Recurring</i>		7.116		6.850		6.015		3.938		19.740		222.553
NonRecurring												
2.2.1) Install Equipment N/R - Organic	-	1.828	-	1.818	-	1.836	-	1.836	-	14.836	-	89.165
2.2.2) BFT/Collection Equipment (Install Equip N/R) - Organic	-	-	-	-	-	-	-	-	-	-	-	0.120
<i>Subtotal NonRecurring</i>		1.828		1.818		1.836		1.836		14.836		89.285
<i>Total, Intelligence Sensors (OSIP 019-97)</i>	-	8.944	-	8.668	-	7.851	-	5.774	-	34.576	-	312.498
<i>Total, All Modifications</i>		8.944		8.668		7.851		5.774		34.576		312.498
Support												

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0567 - Special Project Acft	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Intelligence Sensors (OSIP 019-97) - 1

Models of Systems Affected: P-3B/C	Type Modification: Operational Improvement	Related RDT&E PEs:
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
3.1) ECO	-	-	-	-	-	-	-	-	-	-	-	-
3.2) Data	-	0.445	-	0.445	-	0.445	-	0.445	-	2.240	-	8.644
3.3) Training Equipment	-	0.100	-	0.070	-	0.070	-	0.100	-	0.400	-	11.324
3.4) BFT/Collection Equipment (Training Equip)	-	-	-	-	-	-	-	-	-	-	-	0.181
3.5) Support Equipment	-	0.100	-	0.075	-	0.075	-	0.075	-	0.300	-	1.055
3.6) ILS	-	0.208	-	0.208	-	0.208	-	0.208	-	1.792	-	6.071
3.7) Other Support	-	2.031	-	2.395	-	2.513	-	2.681	-	22.180	-	74.953
3.8) Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	-
Total Support Cost		2.884		3.193		3.311		3.509		26.912		102.228
Procurement Cost (Procurement + Support)		11.828		11.861		11.162		9.283		61.488		414.726
Total Installation Cost		0.651		0.760		1.680		1.761		10.239		68.941
Total Cost (Procurement + Support + Installation)		12.479		12.621		12.842		11.044		71.727		483.667

Remarks:

(1) Installation equipment includes both Mission Unique and Improved Communication Capabilities to be installed concurrently.

Manufacturer Information: Intelligence Sensors (OSIP 019-97)

Manufacturer Name: Various				Manufacturer Location: Various			
Administrative Leadtime (in Months): 4				Production Leadtime (in Months): 8			
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates	Nov 2010	Jan 2012	Jan 2013				
Delivery Dates	Jul 2011	Sep 2012	Sep 2013				

Installation: Intelligence Sensors (OSIP 019-97)	Method of Implementation: Contractor Drive In and Navy Field Mod Team	Installation Name: Operational Improvement
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	22	42.102	0	0.113	-	-	-	-	-	-	-	-
FY 2011	-	-	0	7.500	0	0.800	-	-	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Navy																							Date: February 2012								
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1										P-1 Line Item Nomenclature: 0567 - Special Project Acft										Modification Nomenclature (<i>Modification Title, Modification Number</i>): Intelligence Sensors (OSIP 019-97) - 1											
Models of Systems Affected: P-3B/C										Type Modification: Operational Improvement										Related RDT&E PEs:											
Installation: Intelligence Sensors (OSIP 019-97)										Method of Implementation: Contractor Drive In and Navy Field Mod Team										Installation Name: Operational Improvement											
Installation Cost		Prior Years				FY 2011				FY 2012				FY 2013 Base				FY 2013 OCO				FY 2013 Total									
		<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>								
FY 2012		-	-	-	-	0	2.935	0	0.400	0	0.000	0	0.400	0	0.000	0	0.400	0	0.000	0	0.400	0	0.400								
FY 2013		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
FY 2014		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
FY 2015		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
FY 2016		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
FY 2017		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
To Complete		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
Total		22	42.102	0	7.613	0	3.735	0	0.400	0	0.000	0	0.400	0	0.000	0	0.400	0	0.000	0	0.400	0	0.400								
Installation Cost		FY 2014				FY 2015				FY 2016				FY 2017				To Complete				Total									
		<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>						
All Prior Years		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22	42.215							
FY 2011		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	8.300							
FY 2012		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	3.335							
FY 2013		0	0.651	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0.651							
FY 2014		-	-	0	0.760	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0.760							
FY 2015		-	-	-	-	0	1.680	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	1.680							
FY 2016		-	-	-	-	-	-	0	1.761	-	-	-	-	-	-	-	-	-	-	-	-	-	0	1.761							
FY 2017		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
To Complete		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	10.239	-	-	-	-	0	10.239							
Total		0	0.651	0	0.760	0	1.680	0	1.761	0	1.761	0	1.761	0	1.761	0	10.239	10.239	0	10.239	0	10.239	22	68.941							
Installation Schedule																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22
Out	22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0567 - Special Project Acft	Modification Nomenclature <i>(Modification Title, Modification Number):</i> Intelligence Sensors (OSIP 019-97) - 1
Models of Systems Affected: P-3B/C	Type Modification: Operational Improvement	Related RDT&E PEs:
Installation: Intelligence Sensors (OSIP 019-97)	Method of Implementation: Organic - P-3 Kits (Mission Unique)	Installation Quantity: 4
Installation: Intelligence Sensors (OSIP 019-97)	Method of Implementation: Organic - Blue Force Tracking	Installation Quantity: 6
Installation: Intelligence Sensors (OSIP 019-97)	Method of Implementation: Organic - Collection Equipment	Installation Quantity: 12

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Exhibit P-3A, Individual Modification: PB 2013 Navy							Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1			P-1 Line Item Nomenclature: 0567 - Special Project Acft				Modification Nomenclature (<i>Modification Title, Modification Number</i>): Inactive OSIPS - 2					

Models of Systems Affected: P-3B/C			Type Modification: Operational Improvement				Related RDT&E PEs:					
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	74.355	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	74.355
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	74.355	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	74.355
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	74.355	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	74.355

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

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Exhibit P-3A, Individual Modification: PB 2013 Navy										Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1					P-1 Line Item Nomenclature: 0567 - Special Project Acft					Modification Nomenclature (<i>Modification Title, Modification Number</i>): Inactive OSIPS - 2			
Models of Systems Affected: P-3B/C				Type Modification: Operational Improvement				Related RDT&E PEs:					
Financial Plan													
		Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
		<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>
Procurement													
[Missing Data - No Procurement Cost Elements Entered Yet]													
B Kits													
Recurring													
[Missing Data - No Procurement Cost Elements Entered Yet]													
<i>Subtotal Recurring</i>			0.000		0.000		0.000		0.000		0.000		0.000
<i>Total, [Missing Data - No Procurement Cost Elements Entered Yet]</i>		-	-	0	0.000	-	-	-	-	-	-	-	-
<i>Total, All Modifications</i>			0.000		0.000		0.000		0.000		0.000		0.000
Support													
3.1) Inactive OSIPS													
<i>Total Support Cost</i>			74.355		0.000		0.000		0.000		0.000		0.000
<i>Procurement Cost (Procurement + Support)</i>			74.355		0.000		0.000		0.000		0.000		0.000
<i>Total Installation Cost</i>			0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)			74.355		0.000		0.000		0.000		0.000		0.000
Financial Plan													
		FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
		<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>
Procurement													
[Missing Data - No Procurement Cost Elements Entered Yet]													
B Kits													
Recurring													
[Missing Data - No Procurement Cost Elements Entered Yet]													
<i>Subtotal Recurring</i>			0.000		0.000		0.000		0.000		0.000		0.000
<i>Total, [Missing Data - No Procurement Cost Elements Entered Yet]</i>		-	-	-	-	-	-	-	-	-	-	0	0.000
<i>Total, All Modifications</i>			0.000		0.000		0.000		0.000		0.000		0.000
Support													
3.1) Inactive OSIPS													
<i>Total Support Cost</i>			0.000		0.000		0.000		0.000		0.000		74.355

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0567 - Special Project Acft	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Inactive OSIPS - 2

Models of Systems Affected: P-3B/C	Type Modification: Operational Improvement	Related RDT&E PEs:
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
<i>Procurement Cost (Procurement + Support)</i>		0.000		0.000		0.000		0.000		0.000		74.355
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		0.000		0.000		0.000		0.000		0.000		74.355

Remarks:

Manufacturer Information: [Missing Data - No Procurement Cost Elements Entered Yet]

Manufacturer Name: [Missing Data - No Procurement Cost Elements Entered Yet] Manufacturer Location: [Missing Data - No Procurement Cost Elements Entered Yet]

Administrative Leadtime (*in Months*): Production Leadtime (*in Months*):

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates							
Delivery Dates							

Installation: [Missing Data - No Procurement Cost Elements Entered Yet]	Method of Implementation: [Missing Data - No Procurement Cost Elements Entered Yet]	Installation Quantity: 0
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Exhibit P-40, Budget Item Justification Sheet: PB 2013 Navy **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity:
1506N : Aircraft Procurement, Navy / BA 5 : Modification of Aircraft / BSA 1 :
Modification Of Aircraft

P-1 Line Item Nomenclature:
0569 - T-45 Series

ID Code (A=Service Ready, B=Not Service Ready) : A **Program Elements for Code B Items:** **Other Related Program Elements:**

Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	404.445	50.303	45.179	64.488	-	64.488	93.291	98.879	107.940	109.885	761.992	1,736.402
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	404.445	50.303	45.179	64.488	-	64.488	93.291	98.879	107.940	109.885	761.992	1,736.402
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	404.445	50.303	45.179	64.488	-	64.488	93.291	98.879	107.940	109.885	761.992	1,736.402

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

This line item funds modifications to T-45A/C aircraft. The T-45 Goshawk is a tandem-seat, carrier capable derivative of the existing British Aerospace Hawk aircraft powered by a single Rolls Royce Adour engine. It serves as the aircraft component of the T45TS integrated jet pilot training system which replaces the three decade old TA-4 and T-2 technology. The overall goal of the modifications budgeted in FY 2013 is to correct discrepancies and deficiencies discovered after delivery of the aircraft and to commence upgrades to the aircraft cockpit and navigation systems. T-45 aircraft and simulators are facing critical avionics obsolescence and Diminishing Manufacturing Source issues. (OSIP) 08-95 (Corrections Of Deficiencies) was established to resolve safety and reliability issues, improve required mission capabilities, and increase service life of aircraft components. OSIP 03-03 (Engine Surge) was established to resolve engine surge critical safety issues. OSIP 10-04 Global Positioning System/Inertial Navigation System (GPS/INS) was a congressional add that all DOD Aircraft be capable of navigating via GPS/INS. OSIP 17-04 (Avionics Obsolescence) was established to convert the T-45As (analog) to the digital T-45C configuration (Required Avionics Modernization Program). OSIP (02-06) (Synthetic Radar) was established because the T-2/T-39 divestiture schedule (T-2 divested in 2008 and T-39 in 2015) and the training command requirement to continue Undergraduate Military Flight Officer training. No new Type Model Series will be developed to pick up this requirement; as a result, the T-45 will modify 19 aircraft to incorporate Synthetic Radar Training into curriculum.

The designed service life of the aircraft is 14,400 hours with the average remaining service life of inventory aircraft estimated at 9,600 hours.

Item Schedule		ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
T-45TS CORRECTIONS OF DEFICIENCIES (OSIP 008-95) - 1	P3A		-	-	174.995	-	-	12.056	-	-	15.016	-	-	25.829	-	-	0.000	-	-	25.829
ENGINE SURGE (OSIP 003-03) - 2	P3A		-	-	18.301	-	-	2.119	-	-	2.197	-	-	2.752	-	-	0.000	-	-	2.752

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Exhibit P-40, Budget Item Justification Sheet: PB 2013 Navy **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity:
1506N : Aircraft Procurement, Navy / BA 5 : Modification of Aircraft / BSA 1 :
Modification Of Aircraft

P-1 Line Item Nomenclature:
0569 - T-45 Series

ID Code (A=Service Ready, B=Not Service Ready) : A **Program Elements for Code B Items:** **Other Related Program Elements:**

Item Schedule		ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
T-45TS Global Positioning Systems (OSIP 010-04) - 3	P3A		-	-	7.883	-	-	0.290	-	-	0.815	-	-	0.000	-	-	0.000	-	-	0.000
AVIONICS OBSOLESCENCE (OSIP 017-04) - 4	P3A		-	-	143.741	-	-	25.335	-	-	15.615	-	-	19.167	-	-	0.000	-	-	19.167
SYNTHETIC RADAR (OSIP 002-06) - 5	P3A		-	-	41.012	-	-	10.503	-	-	11.536	-	-	16.740	-	-	0.000	-	-	16.740
Inactive OSIPs - 6	P3A		-	-	18.513	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000
Total Gross/Weapon System Cost					404.445			50.303			45.179			64.488			-			64.488

Item Nomenclature*	Exhibits	ID CD	FY 2014			FY 2015			FY 2016			FY 2017			To Complete			Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
T-45TS CORRECTIONS OF DEFICIENCIES (OSIP 008-95) - 1	P3A		-	-	61.497	-	-	62.000	-	-	70.319	-	-	68.742	-	-	676.581	-	-	1,167.035
ENGINE SURGE (OSIP 003-03) - 2	P3A		-	-	11.029	-	-	10.988	-	-	11.004	-	-	11.260	-	-	53.615	-	-	123.265
T-45TS Global Positioning Systems (OSIP 010-04) - 3	P3A		-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	8.988
AVIONICS OBSOLESCENCE (OSIP 017-04) - 4	P3A		-	-	20.215	-	-	25.891	-	-	26.617	-	-	29.883	-	-	4.346	-	-	310.810
SYNTHETIC RADAR (OSIP 002-06) - 5	P3A		-	-	0.550	-	-	0.000	-	-	0.000	-	-	0.000	-	-	27.450	-	-	107.791
Inactive OSIPs - 6	P3A		-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	18.513
Total Gross/Weapon System Cost					93.291			98.879			107.940			109.885			761.992			1,736.402

*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.

Justification:

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0569 - T-45 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): T-45TS CORRECTIONS OF DEFICIENCIES (OSIP 008-95) - 1

Models of Systems Affected: T-45TS	Type Modification: Safety, Reliability, Increased Service Life, Improved Mission Capabilities	Related RDT&E PEs: 0702207N
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	174.995	12.056	15.016	25.829	0.000	25.829	61.497	62.000	70.319	68.742	676.581	1,167.035
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	174.995	12.056	15.016	25.829	0.000	25.829	61.497	62.000	70.319	68.742	676.581	1,167.035
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	174.995	12.056	15.016	25.829	0.000	25.829	61.497	62.000	70.319	68.742	676.581	1,167.035

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

This OSIP funds correction of deficiencies discovered during test and evaluation or operational use. AIRFRAME ECPs are divided into two categories; Structural and Systems. STRUCTURAL ECPs: This structural portion of this OSIP effects several structural components to include Wing Leading Edge nut plate edge distance, Canopy frame, Canopy Frame Longeron, Wing tip, Gas Turbine Starter bracket, Horizontal Stabilators, Frame 24 Crossbeam Lugs and Side Skin, Wing Leading Edge Redesign, Frame 29 Lower Flange, Uplock Beam Forward Attach, Slat Track Rib 5 Downstop Bolt, Rib 2 T-Clip, Frame 28/32 Boundary/Vertical Fin, Frame 33 Structure, Inlet Close-Out Fuel and Tank Ceiling Stiffener, Airframe Engine Mount, Frame 21 Structure, Main Landing Gear (MLG) Bay Tilted & Fasteners, MLG Side Stay Support, Longitudinal Systems Viscous, Frame 20 Lower Longeron/Sidebrace, Frame 12 Vertical Splice, Frame 1 Structures and Ballast provisions, Nose Landing Gear Trunnion Beam, Slat Actuator Fitting Angle, Structure Life Improvement, Speed Brake and Backup Structure, Engine Mount Link Option, Stabilizer Back-Up Structures, Fuselage/Frame 10 Door, and Fin Bracket Lever Box Assembly, Over Center Locking Mechanism, Arrestor Beam Back-up Structure, Wing Lower Aux Spar Doubler, Frame 16 Lateral Link, Frame 17/18 structures and Fuselage Sideskin Fasteners. SYSTEMS ECPs: Modifications to the airframe other than structural deficiencies are also required to ensure safety of flight, aero-performance and maintainability to enable satisfactory Pilot Training Requirements levels. This Airframe OSIP affects several airframe components and their sub-assemblies including: forward, center and aft fuselage components, Landing Gear, Nose Wheel Steering, arresting hook, tail cone, wing, horizontal and vertical control surfaces, flaps, canopy/windscreen, Aircrew Systems, Ejection system, hydraulic system, oxygen system, electrical system, fuel system, throttle, instrumentation systems, environmental controls, communications, navigation, emergency systems, and associated Support Equipment (SE). AVIONICS: Modifications to the Avionics will be required to update the Display Unit, Heads Up Display, Global Positioning System and Inertial Navigation Assembly to enhance effectiveness of pilot training and avoid obsolescence. The following Avionics ECP include: Air Data Recorder/Signal Data Computer/Advanced Signal Data Computer/Digital Data System, Almanac Loading System, Mission Computer, communication systems, navigation systems, including Radar Altimeter, inverter, and associated SE. ENGINE/POWER AND PROPULSION: Modifications under this category include modification to the Engine, Gas Turbine Starter, and Electrical System which will increase the reliability, maintainability and safety of these systems. Engine modifications include Engine Mounts, Fuel Pumps, Combustion Chamber, Compressors, Nozzle Guide Vanes, Drive Systems, Oil System, Air Systems, Turbines, Fuel Distribution and Control and modifications to address engine surge/compressor stall. Gas Turbine Starter modifications include starting system, air turbine starter, and air producer. Electrical modifications include generator/distribution/wiring modifications.

Service Life Extension Programs : Modifications will incorporate changes to improve structural details to increase aircraft service life to 21,600 flight hours. During Full Scale Development testing of the T45 aircraft it was determined that incorporation of redesigned components applicable to the critical load paths will significantly increase the service life of the aircraft. GROUND TRAINING SYSTEMS: Updates to the T-45 aircraft simulator will be made to match evolving aircraft configurations/modifications and flight characteristics/software/academics to improve training capabilities.

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0569 - T-45 Series	Modification Nomenclature <i>(Modification Title, Modification Number):</i> T-45TS CORRECTIONS OF DEFICIENCIES (OSIP 008-95) - 1
Models of Systems Affected: T-45TS	Type Modification: Safety, Reliability, Increased Service Life, Improved Mission Capabilities	Related RDT&E PEs: 0702207N

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Exhibit P-3A, Individual Modification: PB 2013 Navy								Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0569 - T-45 Series				Modification Nomenclature (<i>Modification Title, Modification Number</i>): T-45TS CORRECTIONS OF DEFICIENCIES (OSIP 008-95) - 1					
Models of Systems Affected: T-45TS				Type Modification: Safety, Reliability, Increased Service Life, Improved Mission Capabilities				Related RDT&E PEs: 0702207N					
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
T-45TS CORRECTIONS OF DEFICIENCIES (OSIP 008-95)													
A Kits													
Recurring													
1.1.1) Airframe Structural - NonOrganic ⁽¹⁾	809	15.715	14	0.502	2	0.198	2	0.270	-	-	2	0.270	
1.1.2) Airframe Structural "O" level Install - Organic	692	13.443	-	-	-	-	-	-	-	-	-	-	
1.1.3) Airframe Systems - NonOrganic	488	8.752	-	-	-	-	420	0.770	-	-	420	0.770	
1.1.4) Airframe Systems "O" Level Install - Organic	122	2.188	-	-	-	-	-	-	-	-	-	-	
1.1.5) Avionics - NonOrganic	1,012	17.258	-	-	-	-	-	-	-	-	-	-	
1.1.6) Ejection Seat Handle MB-9155 - NonOrganic	416	0.400	-	-	-	-	-	-	-	-	-	-	
1.1.7) Engines/Power & Propulsion - NonOrganic	1,181	7.816	-	-	-	-	-	-	-	-	-	-	
1.1.8) Engines/Power & Propulsion "O" level - Organic	-	-	-	-	-	-	-	-	-	-	-	-	
1.1.9) Ground Training Systems - NonOrganic	49	7.022	-	-	-	-	-	-	-	-	-	-	
1.1.10) Ground Training Systems "O" level - Organic	-	-	-	-	-	-	-	-	-	-	-	-	
1.1.11) SLEP - NonOrganic	-	-	-	-	-	-	-	-	-	-	-	-	
1.1.12) Uncommanded Gear Extension - NonOrganic	35	0.699	-	-	-	-	-	-	-	-	-	-	
<i>Subtotal Recurring</i>		73.293		0.502		0.198		1.040		0.000		1.040	
NonRecurring													
1.2.1) NON-RECURRING COSTS - Organic	-	19.226	-	2.312	-	0.585	-	6.993	-	-	-	6.993	
<i>Subtotal NonRecurring</i>		19.226		2.312		0.585		6.993		0.000		6.993	
B Kits													
Recurring													
2.1.1) Airframe Structural - Organic	8	0.448	1	0.553	65	1.321	-	-	-	-	-	-	
2.1.2) Airframe Systems - Organic	2	1.332	-	-	100	2.035	12	0.232	-	-	12	0.232	
2.1.3) Avionics - Organic	7	1.420	-	-	-	-	-	-	-	-	-	-	
2.1.4) Ejection Seat Handle MB-9155 - Organic	1	0.200	-	-	-	-	-	-	-	-	-	-	
2.1.5) Engines/Power & Propulsion - Organic	2	2.000	-	-	-	-	-	-	-	-	-	-	

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0569 - T-45 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): T-45TS CORRECTIONS OF DEFICIENCIES (OSIP 008-95) - 1

Models of Systems Affected: T-45TS	Type Modification: Safety, Reliability, Increased Service Life, Improved Mission Capabilities	Related RDT&E PEs: 0702207N
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
2.1.6) Ground Training Systems - Organic	5	0.675	-	-	-	-	-	-	-	-	-	-
2.1.8) Uncommanded Gear Extension - Organic	1	0.025	-	-	-	-	-	-	-	-	-	-
<i>Subtotal Recurring</i>		6.100		0.553		3.356		0.232		0.000		0.232
NonRecurring												
2.2.1) INSTALL EQUIPMENT N/R - Organic	-	1.999	-	-	-	-	-	-	-	-	-	-
<i>Subtotal NonRecurring</i>		1.999		0.000		0.000		0.000		0.000		0.000
Total, T-45TS CORRECTIONS OF DEFICIENCIES (OSIP 008-95)	4,830	100.618	15	3.367	167	4.139	434	8.265	-	-	434	8.265
Total, All Modifications		100.618		3.367		4.139		8.265		0.000		8.265
Support												
3.1) ECO	-	0.000	-	-	-	-	-	-	-	-	-	-
3.2) DATA	-	0.809	-	-	-	0.030	-	0.022	-	-	-	0.022
3.3) TRAINING EQUIP	-	7.054	-	-	-	-	-	-	-	-	-	-
3.4) SUPPORT EQUIP	-	1.430	-	-	-	0.050	-	0.048	-	-	-	0.048
3.5) ILS	-	0.000	-	-	-	-	-	-	-	-	-	-
3.6) OTHER SUPPORT	-	21.014	-	5.289	-	7.636	-	13.584	-	-	-	13.584
3.7) INTERIM CONTRACTOR SUPPORT	-	0.000	-	-	-	-	-	-	-	-	-	-
Total Support Cost		30.307		5.289		7.716		13.654		0.000		13.654
Procurement Cost (Procurement + Support)		130.925		8.656		11.855		21.919		0.000		21.919
Total Installation Cost		44.070		3.400		3.161		3.910		0.000		3.910
Total Cost (Procurement + Support + Installation)		174.995		12.056		15.016		25.829		0.000		25.829

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
T-45TS CORRECTIONS OF DEFICIENCIES (OSIP 008-95)												
A Kits												
Recurring												

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0569 - T-45 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): T-45TS CORRECTIONS OF DEFICIENCIES (OSIP 008-95) - 1

Models of Systems Affected: T-45TS	Type Modification: Safety, Reliability, Increased Service Life, Improved Mission Capabilities	Related RDT&E PEs: 0702207N
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
1.1.1) Airframe Structural - NonOrganic ⁽¹⁾	8	2.936	26	4.070	42	5.559	32	4.200	120	6.453	1,055	39.903
1.1.2) Airframe Structural "O" level Install - Organic	-	-	-	-	-	-	-	-	-	-	692	13.443
1.1.3) Airframe Systems - NonOrganic	61	6.885	132	8.809	165	10.813	180	6.350	181	7.372	1,627	49.751
1.1.4) Airframe Systems "O" Level Install - Organic	-	-	-	-	-	-	-	-	180	7.332	302	9.520
1.1.5) Avionics - NonOrganic	20	3.200	20	0.950	12	3.850	30	7.200	552	14.108	1,646	46.566
1.1.6) Ejection Seat Handle MB-9155 - NonOrganic	-	-	-	-	-	-	-	-	-	-	416	0.400
1.1.7) Engines/Power & Propulsion - NonOrganic	20	0.250	15	0.130	17	0.250	23	0.650	-	-	1,256	9.096
1.1.8) Engines/Power & Propulsion "O" level - Organic	-	-	-	-	3	0.000	17	0.000	414	3.593	434	3.593
1.1.9) Ground Training Systems - NonOrganic	-	0.500	6	0.050	-	0.400	-	1.600	-	-	55	9.572
1.1.10) Ground Training Systems "O" level - Organic	14	0.000	-	-	12	0.000	16	0.000	250	7.500	292	7.500
1.1.11) SLEP - NonOrganic	-	-	2	13.356	2	13.734	-	-	56	444.654	60	471.744
1.1.12) Uncommanded Gear Extension - NonOrganic	-	-	-	-	-	-	-	-	-	-	35	0.699
<i>Subtotal Recurring</i>		13.771		27.365		34.606		20.000		491.012		661.787
NonRecurring												
1.2.1) NON-RECURRING COSTS - Organic	-	27.980	-	14.224	-	13.377	-	22.523	-	9.908	-	117.128
<i>Subtotal NonRecurring</i>		27.980		14.224		13.377		22.523		9.908		117.128
B Kits												
Recurring												
2.1.1) Airframe Structural - Organic	-	-	-	-	-	-	-	-	-	-	74	2.322
2.1.2) Airframe Systems - Organic	32	0.390	12	0.268	72	0.758	92	0.972	-	-	322	5.987
2.1.3) Avionics - Organic	-	-	-	-	-	-	30	3.600	-	-	37	5.020
2.1.4) Ejection Seat Handle MB-9155 - Organic	-	-	-	-	-	-	-	-	-	-	1	0.200
2.1.5) Engines/Power & Propulsion - Organic	-	-	-	-	-	-	-	-	-	-	2	2.000
2.1.6) Ground Training Systems - Organic	-	-	-	-	-	-	-	-	-	-	5	0.675
2.1.8) Uncommanded Gear Extension - Organic	-	-	-	-	-	-	-	-	-	-	1	0.025
<i>Subtotal Recurring</i>		0.390		0.268		0.758		4.572		0.000		16.229
NonRecurring												

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0569 - T-45 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): T-45TS CORRECTIONS OF DEFICIENCIES (OSIP 008-95) - 1

Models of Systems Affected: T-45TS	Type Modification: Safety, Reliability, Increased Service Life, Improved Mission Capabilities	Related RDT&E PEs: 0702207N
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
2.2.1) INSTALL EQUIPMENT N/R - Organic	-	-	-	-	-	-	-	-	-	-	-	1.999
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		1.999
Total, T-45TS CORRECTIONS OF DEFICIENCIES (OSIP 008-95)	155	42.141	213	41.857	325	48.741	420	47.095	1,753	500.920	8,312	797.143
<i>Total, All Modifications</i>		42.141		41.857		48.741		47.095		500.920		797.143
Support												
3.1) ECO	-	-	-	-	-	-	-	-	-	-	-	-
3.2) DATA	-	0.030	-	0.039	-	0.035	-	0.035	-	0.800	-	1.800
3.3) TRAINING EQUIP	-	-	-	-	-	-	-	-	-	-	-	7.054
3.4) SUPPORT EQUIP	-	0.050	-	0.050	-	0.050	-	0.050	-	-	-	1.728
3.5) ILS	-	-	-	-	-	-	-	-	-	-	-	-
3.6) OTHER SUPPORT	-	13.778	-	14.191	-	14.530	-	14.964	-	137.950	-	242.936
3.7) INTERIM CONTRACTOR SUPPORT	-	-	-	-	-	-	-	-	-	-	-	-
Total Support Cost		13.858		14.280		14.615		15.049		138.750		253.518
Procurement Cost (Procurement + Support)		55.999		56.137		63.356		62.144		639.670		1,050.661
Total Installation Cost		5.498		5.863		6.963		6.598		36.911		116.374
Total Cost (Procurement + Support + Installation)		61.497		62.000		70.319		68.742		676.581		1,167.035

Remarks:
(1) There are various administrative and production leadtimes.

Manufacturer Information: T-45TS CORRECTIONS OF DEFICIENCIES (OSIP 008-95)

Manufacturer Name: New MFG - Name	Manufacturer Location: New MFG - Loc
Administrative Leadtime (in Months): 0	Production Leadtime (in Months): 0

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates							
Delivery Dates							

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0569 - T-45 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): T-45TS CORRECTIONS OF DEFICIENCIES (OSIP 008-95) - 1
Models of Systems Affected: T-45TS	Type Modification: Safety, Reliability, Increased Service Life, Improved Mission Capabilities	Related RDT&E PEs: 0702207N

Installation: T-45TS CORRECTIONS OF DEFICIENCIES (OSIP 008-95)	Method of Implementation: CONTRACT FIELD MODIFICATION TEAM	Installation Name: T-45TS CORR OF DEFICIENCIES (OSIP 008-95)
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	2,962	44.070	342	3.400	294	3.161	377	3.910	0	0.000	377	3.910
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	2,962	44.070	342	3.400	294	3.161	377	3.910	0	0.000	377	3.910

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	15	0.148	-	-	-	-	-	-	-	-	3,990	54.689
FY 2011	14	0.138	-	-	-	-	-	-	-	-	14	0.138
FY 2012	2	0.019	-	-	-	-	-	-	-	-	2	0.019
FY 2013	392	2.961	30	0.707	-	-	-	-	-	-	422	3.668
FY 2014	66	2.232	43	1.012	-	-	-	-	-	-	109	3.244
FY 2015	-	-	161	4.144	40	0.942	-	-	-	-	201	5.086
FY 2016	-	-	-	-	238	6.021	-	-	-	-	238	6.021
FY 2017	-	-	-	-	-	-	265	6.598	-	-	265	6.598
To Complete	-	-	-	-	-	-	-	-	909	36.911	909	36.911
Total	489	5.498	234	5.863	278	6.963	265	6.598	909	36.911	6,150	116.374

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0569 - T-45 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): T-45TS CORRECTIONS OF DEFICIENCIES (OSIP 008-95) - 1

Models of Systems Affected: T-45TS	Type Modification: Safety, Reliability, Increased Service Life, Improved Mission Capabilities	Related RDT&E PEs: 0702207N
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Installation: T-45TS CORRECTIONS OF DEFICIENCIES (OSIP 008-95)	Method of Implementation: CONTRACT FIELD MODIFICATION TEAM	Installation Name: T-45TS CORR OF DEFICIENCIES (OSIP 008-95)
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Installation Schedule																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	2,962	85	85	85	87	73	73	73	75	94	94	94	95	152	111	113	113	57	59	60	58	69	69	69	71	66	67	67	65	909	6,150
Out	2,962	85	85	85	87	73	73	73	75	94	94	94	95	152	111	113	113	57	59	60	58	69	69	69	71	66	67	67	65	909	6,150

Installation: T-45TS CORRECTIONS OF DEFICIENCIES (OSIP 008-95)	Method of Implementation: Organic - Airframe Structural "O" level Install	Installation Quantity: 692
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Installation: T-45TS CORRECTIONS OF DEFICIENCIES (OSIP 008-95)	Method of Implementation: Organic - Airframe Systems "O" Level Install	Installation Quantity: 302
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Installation: T-45TS CORRECTIONS OF DEFICIENCIES (OSIP 008-95)	Method of Implementation: Organic - Engines/Power & Propulsion "O" level	Installation Quantity: 434
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Installation: T-45TS CORRECTIONS OF DEFICIENCIES (OSIP 008-95)	Method of Implementation: Organic - Ground Training Systems "O" level	Installation Quantity: 292
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Installation: T-45TS CORRECTIONS OF DEFICIENCIES (OSIP 008-95)	Method of Implementation: Not Installed - Airframe Structural	Installation Quantity: 74
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Installation: T-45TS CORRECTIONS OF DEFICIENCIES (OSIP 008-95)	Method of Implementation: Not Installed - Airframe Systems	Installation Quantity: 322
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Installation: T-45TS CORRECTIONS OF DEFICIENCIES (OSIP 008-95)	Method of Implementation: Not Installed - Avionics	Installation Quantity: 37
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Installation: T-45TS CORRECTIONS OF DEFICIENCIES (OSIP 008-95)	Method of Implementation: Not Installed - Ejection Seat Handle MB-9155	Installation Quantity: 1
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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0569 - T-45 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): T-45TS CORRECTIONS OF DEFICIENCIES (OSIP 008-95) - 1
Models of Systems Affected: T-45TS	Type Modification: Safety, Reliability, Increased Service Life, Improved Mission Capabilities	Related RDT&E PEs: 0702207N
Installation: T-45TS CORRECTIONS OF DEFICIENCIES (OSIP 008-95)	Method of Implementation: Not Installed - Engines/Power & Propulsion	Installation Quantity: 2
Installation: T-45TS CORRECTIONS OF DEFICIENCIES (OSIP 008-95)	Method of Implementation: Not Installed - Ground Training Systems	Installation Quantity: 5
Installation: T-45TS CORRECTIONS OF DEFICIENCIES (OSIP 008-95)	Method of Implementation: Not Installed - Uncommanded Gear Extension	Installation Quantity: 1

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Exhibit P-3A, Individual Modification: PB 2013 Navy							Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0569 - T-45 Series				Modification Nomenclature (<i>Modification Title, Modification Number</i>): ENGINE SURGE (OSIP 003-03) - 2				

Models of Systems Affected: T-45TS			Type Modification: PS Safety				Related RDT&E PEs:					
Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	18.301	2.119	2.197	2.752	0.000	2.752	11.029	10.988	11.004	11.260	53.615	123.265
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	18.301	2.119	2.197	2.752	0.000	2.752	11.029	10.988	11.004	11.260	53.615	123.265
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	18.301	2.119	2.197	2.752	0.000	2.752	11.029	10.988	11.004	11.260	53.615	123.265

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

Engine Surge: T-45 engine surge is a critical safety concern for a single engine aircraft with over 450 surge events documented, including over 70 surges requiring engine shutdown and restart emergency action. Kits include modifications to airframe, engine, and fuel control system.
Funding was provided to correct T-45 F405 engine surge. Non-Recurring Engineering efforts to modify the F405-401 engine will continue in FY13 to support kit procurement in FY14.

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Exhibit P-3A, Individual Modification: PB 2013 Navy										Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0569 - T-45 Series						Modification Nomenclature (<i>Modification Title, Modification Number</i>): ENGINE SURGE (OSIP 003-03) - 2			
Models of Systems Affected: T-45TS				Type Modification: PS Safety				Related RDT&E PEs:					
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
ENGINE SURGE (OSIP 003-03)													
A Kits													
Recurring													
1.1.1) Airframe Kits - NonOrganic ⁽²⁾	18	1.372	-	-	-	-	-	-	-	-	-	-	
1.1.2) Engine Kits - NonOrganic	-	-	-	-	-	-	-	-	-	-	-	-	
<i>Subtotal Recurring</i>		1.372		0.000		0.000		0.000		0.000		0.000	
NonRecurring													
1.2.1) Non-Recurring Engineering - Organic	-	11.117	-	0.287	-	0.647	-	0.611	-	-	-	0.611	
<i>Subtotal NonRecurring</i>		11.117		0.287		0.647		0.611		0.000		0.611	
B Kits													
Recurring													
2.1.1) Install Equipment - Organic	-	-	-	-	-	0.050	-	-	-	-	-	-	
<i>Subtotal Recurring</i>		0.000		0.000		0.050		0.000		0.000		0.000	
NonRecurring													
2.2.1) INSTALL EQUIPMENT N/R - Organic	-	-	-	-	-	0.050	-	-	-	-	-	-	
<i>Subtotal NonRecurring</i>		0.000		0.000		0.050		0.000		0.000		0.000	
<i>Total, ENGINE SURGE (OSIP 003-03)</i>	18	12.489	-	0.287	-	0.747	-	0.611	-	-	-	0.611	
<i>Total, All Modifications</i>		12.489		0.287		0.747		0.611		0.000		0.611	
Support													
3.1) ECO	-	0.000	-	-	-	-	-	-	-	-	-	-	
3.2) DATA	-	0.070	-	-	-	0.100	-	-	-	-	-	-	
3.3) TRAINING EQUIPMENT	-	0.025	-	-	-	-	-	-	-	-	-	-	
3.4) SUPPORT EQUIPMENT N/R	-	0.646	-	-	-	-	-	-	-	-	-	-	
3.5) ILS	-	0.010	-	-	-	0.100	-	-	-	-	-	-	
3.6) OTHER SUPPORT	-	5.061	-	1.832	-	1.200	-	2.141	-	-	-	2.141	
3.7) INTERIM CONTRACTOR SUPPORT	-	-	-	-	-	0.050	-	-	-	-	-	-	
<i>Total Support Cost</i>		5.812		1.832		1.450		2.141		0.000		2.141	

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Exhibit P-3A, Individual Modification: PB 2013 Navy										Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1					P-1 Line Item Nomenclature: 0569 - T-45 Series					Modification Nomenclature (<i>Modification Title, Modification Number</i>): ENGINE SURGE (OSIP 003-03) - 2			
Models of Systems Affected: T-45TS				Type Modification: PS Safety				Related RDT&E PEs:					
Financial Plan		Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
		Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
<i>Procurement Cost (Procurement + Support)</i>			18.301		2.119		2.197		2.752		0.000		2.752
<i>Total Installation Cost</i>			0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)			18.301		2.119		2.197		2.752		0.000		2.752
Financial Plan		FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
		Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement													
ENGINE SURGE (OSIP 003-03)													
A Kits													
Recurring													
1.1.1) Airframe Kits - NonOrganic ⁽²⁾		-	-	250	2.330	275	2.640	325	3.214	325	4.000	1,193	13.556
1.1.2) Engine Kits - NonOrganic		70	0.700	80	0.900	80	0.900	60	0.700	440	15.580	730	18.780
<i>Subtotal Recurring</i>			0.700		3.230		3.540		3.914		19.580		32.336
NonRecurring													
1.2.1) Non-Recurring Engineering - Organic		-	7.596	-	4.700	-	4.556	-	4.388	-	7.000	-	40.902
<i>Subtotal NonRecurring</i>			7.596		4.700		4.556		4.388		7.000		40.902
B Kits													
Recurring													
2.1.1) Install Equipment - Organic		-	0.200	-	0.200	-	0.200	-	0.200	-	0.200	-	1.050
<i>Subtotal Recurring</i>			0.200		0.200		0.200		0.200		0.200		1.050
NonRecurring													
2.2.1) INSTALL EQUIPMENT N/R - Organic		-	0.200	-	0.200	-	0.200	-	0.200	-	1.000	-	1.850
<i>Subtotal NonRecurring</i>			0.200		0.200		0.200		0.200		1.000		1.850
<i>Total, ENGINE SURGE (OSIP 003-03)</i>		70	8.696	330	8.330	355	8.496	385	8.702	765	27.780	1,923	76.138
<i>Total, All Modifications</i>			8.696		8.330		8.496		8.702		27.780		76.138
Support													
3.1) ECO		-	-	-	-	-	-	-	-	-	-	-	-
3.2) DATA		-	0.150	-	0.100	-	0.100	-	0.100	-	1.000	-	1.620

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0569 - T-45 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): ENGINE SURGE (OSIP 003-03) - 2

Models of Systems Affected: T-45TS	Type Modification: PS Safety	Related RDT&E PEs:
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
3.3) TRAINING EQUIPMENT	-	-	-	-	-	-	-	-	-	-	-	0.025
3.4) SUPPORT EQUIPMENT N/R	-	0.158	-	0.158	-	0.158	-	0.158	-	1.800	-	3.078
3.5) ILS	-	-	-	-	-	-	-	-	-	-	-	0.110
3.6) OTHER SUPPORT	-	1.675	-	1.500	-	1.300	-	1.300	-	19.685	-	35.694
3.7) INTERIM CONTRACTOR SUPPORT	-	-	-	-	-	-	-	-	-	0.500	-	0.550
Total Support Cost		1.983		1.758		1.558		1.558		22.985		41.077
Procurement Cost (Procurement + Support)		10.679		10.088		10.054		10.260		50.765		117.215
Total Installation Cost		0.350		0.900		0.950		1.000		2.850		6.050
Total Cost (Procurement + Support + Installation)		11.029		10.988		11.004		11.260		53.615		123.265

Remarks:

- (2)1. Installation funded out of OSIP 08-95 Correction of Deficiencies
2. 17 of the 18 HSRIP kits procured in prior years will not be installed unless funding is approved for HSRIP.

Manufacturer Information: ENGINE SURGE (OSIP 003-03)

Manufacturer Name: Manufacturer Name Not Provided.					Manufacturer Location: Manufacturer Location Not Provided.				
Administrative Leadtime (in Months):					Production Leadtime (in Months):				
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017		
Contract Dates									
Delivery Dates									

Installation: ENGINE SURGE (OSIP 003-03) **Method of Implementation:** Contractor Field Mod Team **Installation Name:** Airframe Kits

Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	1	0.000	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0569 - T-45 Series
Modification Nomenclature (Modification Title, Modification Number): ENGINE SURGE (OSIP 003-03) - 2		

Models of Systems Affected: T-45TS	Type Modification: PS Safety	Related RDT&E PEs:
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Installation: ENGINE SURGE (OSIP 003-03)	Method of Implementation: Contractor Field Mod Team	Installation Name: Airframe Kits
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	1	0.000	-	-	-	-	-	-	-	-	-	-

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	1	0.000
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	250	0.000	-	-	-	-	-	-	250	0.000
FY 2016	-	-	-	-	275	0.000	-	-	-	-	275	0.000
FY 2017	-	-	-	-	-	-	325	0.000	-	-	325	0.000
To Complete	-	-	-	-	-	-	-	-	325	0.000	325	0.000
Total	-	-	250	0.000	275	0.000	325	0.000	325	0.000	1,176	0.000

Installation Schedule																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	63	63	62	62	69	69	69	68	81	81	81	82	325	1,176
Out	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	63	63	62	62	69	69	69	68	81	81	81	82	325	1,176

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0569 - T-45 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): ENGINE SURGE (OSIP 003-03) - 2

Models of Systems Affected: T-45TS	Type Modification: PS Safety	Related RDT&E PEs:
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Installation: ENGINE SURGE (OSIP 003-03)	Method of Implementation: Contractor Field Mod Team	Installation Name: Engine Kits
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	-	-

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	70	0.350	-	-	-	-	-	-	-	-	70	0.350
FY 2015	-	-	80	0.900	-	-	-	-	-	-	80	0.900
FY 2016	-	-	-	-	80	0.950	-	-	-	-	80	0.950
FY 2017	-	-	-	-	-	-	60	1.000	-	-	60	1.000
To Complete	-	-	-	-	-	-	-	-	440	2.850	440	2.850
Total	70	0.350	80	0.900	80	0.950	60	1.000	440	2.850	730	6.050

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0569 - T-45 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): ENGINE SURGE (OSIP 003-03) - 2

Models of Systems Affected: T-45TS	Type Modification: PS Safety	Related RDT&E PEs:
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Installation: ENGINE SURGE (OSIP 003-03)	Method of Implementation: Contractor Field Mod Team	Installation Name: Engine Kits
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Installation Schedule																																	
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot		
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4				
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	35	35	20	20	20	20	20	20	20	20	20	20	15	15	15	15	440	730
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	35	35	20	20	20	20	20	20	20	20	20	20	15	15	15	15	440	730

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0569 - T-45 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): T-45TS Global Positioning Systems (OSIP 010-04) - 3

Models of Systems Affected: Analog Cockpit	Type Modification: PS Safety	Related RDT&E PEs:
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	7.883	0.290	0.815	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.988
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	7.883	0.290	0.815	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.988
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	7.883	0.290	0.815	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.988

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

Congressional requirement that all DoD aircraft be capable of navigating via Global Positioning System/Inertial Navigation System (GPS/INS) to support T45TS mission to train the next generation of warfighters in the use of INS, GPS, and (GPS/INS) hybrid systems by the end of year 2005. A retrofit program will incorporate GPS in the existing Analog aircraft. There are currently 73 aircraft that will be retrofitted.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: Kits deliveries and installations began in FY06.

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy								Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0569 - T-45 Series				Modification Nomenclature (<i>Modification Title, Modification Number</i>): T-45TS Global Positioning Systems (OSIP 010-04) - 3					
Models of Systems Affected: Analog Cockpit			Type Modification: PS Safety					Related RDT&E PEs:					
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
T-45TS Global Positioning Systems (OSIP 010-04)													
A Kits													
Recurring													
1.1.1) GPS Kits - NonOrganic													
	73	7.446	-	-	-	-	-	-	-	-	-	-	
<i>Subtotal Recurring</i>		7.446		0.000		0.000		0.000		0.000		0.000	
NonRecurring													
1.2.1) INSTALLATION KITS N/R - Organic													
	-	0.098	-	0.019	-	-	-	-	-	-	-	-	
<i>Subtotal NonRecurring</i>		0.098		0.019		0.000		0.000		0.000		0.000	
B Kits													
NonRecurring													
2.2.1) Nonrecurring Engineering - Organic													
	-	-	-	0.266	-	-	-	-	-	-	-	-	
<i>Subtotal NonRecurring</i>		0.000		0.266		0.000		0.000		0.000		0.000	
<i>Total, T-45TS Global Positioning Systems (OSIP 010-04)</i>		73	7.544	-	0.285	-	-	-	-	-	-	-	
<i>Total, All Modifications</i>			7.544		0.285		0.000		0.000		0.000	0.000	
Support													
3.1) ECO													
	-	0.000	-	-	-	-	-	-	-	-	-	-	
3.2) DATA													
	-	0.108	-	-	-	-	-	-	-	-	-	-	
3.3) TRAINING EQUIPMENT													
	-	0.000	-	-	-	-	-	-	-	-	-	-	
3.4) Support Equipment													
	-	0.000	-	-	-	-	-	-	-	-	-	-	
3.5) ILS													
	-	0.142	-	-	-	-	-	-	-	-	-	-	
3.6) OTHER SUPPORT													
	-	-	-	0.005	-	0.815	-	-	-	-	-	-	
3.7) INTERIM CONTRACTOR SUPPORT													
	-	0.000	-	-	-	-	-	-	-	-	-	-	
<i>Total Support Cost</i>		0.250		0.005		0.815		0.000		0.000		0.000	
<i>Procurement Cost (Procurement + Support)</i>		7.794		0.290		0.815		0.000		0.000		0.000	
<i>Total Installation Cost</i>		0.089		0.000		0.000		0.000		0.000		0.000	
Total Cost (Procurement + Support + Installation)		7.883		0.290		0.815		0.000		0.000		0.000	

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0569 - T-45 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): T-45TS Global Positioning Systems (OSIP 010-04) - 3

Models of Systems Affected: Analog Cockpit	Type Modification: PS Safety	Related RDT&E PEs:
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
T-45TS Global Positioning Systems (OSIP 010-04)												
A Kits												
Recurring												
1.1.1) GPS Kits - NonOrganic	-	-	-	-	-	-	-	-	-	-	73	7.446
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		7.446
NonRecurring												
1.2.1) INSTALLATION KITS N/R - Organic	-	-	-	-	-	-	-	-	-	-	-	0.117
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		0.117
B Kits												
NonRecurring												
2.2.1) Nonrecurring Engineering - Organic	-	-	-	-	-	-	-	-	-	-	-	0.266
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		0.266
<i>Total, T-45TS Global Positioning Systems (OSIP 010-04)</i>	-	-	-	-	-	-	-	-	-	-	73	7.829
<i>Total, All Modifications</i>		0.000		0.000		0.000		0.000		0.000		7.829
Support												
3.1) ECO	-	-	-	-	-	-	-	-	-	-	-	-
3.2) DATA	-	-	-	-	-	-	-	-	-	-	-	0.108
3.3) TRAINING EQUIPMENT	-	-	-	-	-	-	-	-	-	-	-	-
3.4) Support Equipment	-	-	-	-	-	-	-	-	-	-	-	-
3.5) ILS	-	-	-	-	-	-	-	-	-	-	-	0.142
3.6) OTHER SUPPORT	-	-	-	-	-	-	-	-	-	-	-	0.820
3.7) INTERIM CONTRACTOR SUPPORT	-	-	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		0.000		0.000		0.000		0.000		0.000		1.070
<i>Procurement Cost (Procurement + Support)</i>		0.000		0.000		0.000		0.000		0.000		8.899
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.089
Total Cost (Procurement + Support + Installation)		0.000		0.000		0.000		0.000		0.000		8.988

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0569 - T-45 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): T-45TS Global Positioning Systems (OSIP 010-04) - 3

Models of Systems Affected: Analog Cockpit	Type Modification: PS Safety	Related RDT&E PEs:
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Remarks:

Manufacturer Information: T-45TS Global Positioning Systems (OSIP 010-04)

Manufacturer Name: Manufacturer Name Not Provided. Manufacturer Location: Manufacturer Location Not Provided.

Administrative Leadtime (*in Months*): Production Leadtime (*in Months*):

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates							
Delivery Dates							

Installation: T-45TS Global Positioning Systems (OSIP 010-04) **Method of Implementation:** [none specified] **Installation Name:** GPS Kits

Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	73	0.089	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	73	0.089	-	-	-	-	-	-	-	-	-	-

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	73	0.089
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0569 - T-45 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): T-45TS Global Positioning Systems (OSIP 010-04) - 3

Models of Systems Affected: Analog Cockpit	Type Modification: PS Safety	Related RDT&E PEs:
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Installation: T-45TS Global Positioning Systems (OSIP 010-04)	Method of Implementation: [none specified]	Installation Name: GPS Kits
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Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	73	0.089

Installation Schedule																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	73	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	73
Out	73	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	73

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0569 - T-45 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): AVIONICS OBSOLESCENCE (OSIP 017-04) - 4

Models of Systems Affected: T-45TS A/C	Type Modification: PS Safety	Related RDT&E PEs:
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	143.741	25.335	15.615	19.167	0.000	19.167	20.215	25.891	26.617	29.883	4.346	310.810
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	143.741	25.335	15.615	19.167	0.000	19.167	20.215	25.891	26.617	29.883	4.346	310.810
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	143.741	25.335	15.615	19.167	0.000	19.167	20.215	25.891	26.617	29.883	4.346	310.810

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

T45TS is facing critical obsolescence/performance issues. Components of various avionics boxes will not be supportable as a result of Diminishing Manufacturing Source (DMS) issues that result in part obsolescence or supplier mortality. The Required Avionics Modernization Program (RAMP) will resolve obsolescence issues with such items as the Global Inertial Navigation Assembly (GINA) (Field Programmable Gate Array and processor), Mission Display Processor (MDP) (Diode), Display Processor (Diode), Airborne Data Recorders (Line in Buffer Amplifier), Display Unit, Signal Data Computer, Azmith Computer and various other avionics components.

RAMP is the Analog to Digital conversion of the T-45A aircraft. The RAMP effort consists of a Glass Cockpit upgrade consisting of two Multi-Function Displays per cockpit, MDP, recorder, associated cockpit controls and a 1553 digital, integrating them with the existing head-up display, the airborne data recorder, and a separately procured GINA.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: FY03 provided funding (OSIP 16-96) for 1 Simulator conversion and OSIP 17-04 provided FY04 funding for DMS/obsolescence risk mitigation efforts.

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy										Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1					P-1 Line Item Nomenclature: 0569 - T-45 Series					Modification Nomenclature (<i>Modification Title, Modification Number</i>): AVIONICS OBSOLESCENCE (OSIP 017-04) - 4			
Models of Systems Affected: T-45TS A/C				Type Modification: PS Safety					Related RDT&E PEs:				
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
AVIONICS OBSOLESCENCE (OSIP 017-04)													
A Kits													
Recurring													
1.1.1) RAMP KITS - NonOrganic													
	60	45.408	10	7.202	-	-	-	-	-	-	-	-	
1.1.2) RAMP/Obsolescence Kits - Organic													
	946	8.014	200	4.113	140	6.772	200	12.185	-	-	200	12.185	
<i>Subtotal Recurring</i>													
		53.422		11.315		6.772		12.185		0.000		12.185	
NonRecurring													
1.2.1) Non-Recurring Engineering - Organic													
	-	15.960	-	0.451	-	0.535	-	1.500	-	-	-	1.500	
<i>Subtotal NonRecurring</i>													
		15.960		0.451		0.535		1.500		0.000		1.500	
B Kits													
Recurring													
2.1.1) AS-3822/URN (GPS Antenna (FRPA-3) - Organic													
	51	0.135	-	-	-	-	-	-	-	-	-	-	
2.1.2) ASDC - Organic													
	51	1.974	-	-	-	-	-	-	-	-	-	-	
2.1.3) ATTITUDE INDICATOR - Organic													
	9	0.291	-	-	-	-	-	-	-	-	-	-	
2.1.4) CP-2092 (P)/A (DDS) - Organic													
	60	0.758	-	-	-	-	-	-	-	-	-	-	
2.1.5) FFI - Organic													
	60	0.623	10	0.199	-	-	-	-	-	-	-	-	
2.1.6) MDP - Organic													
	60	13.396	10	2.239	-	-	-	-	-	-	-	-	
2.1.7) MFCD - Organic													
	240	9.087	40	1.641	-	-	-	-	-	-	-	-	
2.1.8) MU-1053/A (PROGRAM LOADER) - Organic													
	42	0.174	-	-	-	-	-	-	-	-	-	-	
2.1.9) PDU - Organic													
	51	1.328	-	-	-	-	-	-	-	-	-	-	
2.1.10) PYROTECHNIC - Organic													
	60	0.256	10	0.083	-	-	-	-	-	-	-	-	
2.1.11) UAR DDS RECORDER - Organic													
	-	-	10	1.700	-	-	-	-	-	-	-	-	
2.1.12) SADS - Organic													
	60	0.772	10	0.253	-	-	-	-	-	-	-	-	
<i>Subtotal Recurring</i>													
		28.794		6.115		0.000		0.000		0.000		0.000	
<i>Total, AVIONICS OBSOLESCENCE (OSIP 017-04)</i>													
	1,750	98.176	300	17.881	140	7.307	200	13.685	-	-	200	13.685	
<i>Total, All Modifications</i>													
		98.176		17.881		7.307		13.685		0.000		13.685	
Support													

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0569 - T-45 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): AVIONICS OBSOLESCENCE (OSIP 017-04) - 4

Models of Systems Affected: T-45TS A/C	Type Modification: PS Safety	Related RDT&E PEs:
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
3.1) ECO	-	0.000	-	-	-	-	-	-	-	-	-	-
3.2) DATA	-	0.000	-	-	-	-	-	-	-	-	-	-
3.3) TRAINING EQUIP	6	30.355	-	-	100	0.001	-	-	-	-	-	-
3.4) SUPPORT EQUIPMENT N/R	-	0.072	-	-	-	-	-	-	-	-	-	-
3.5) ILS	-	1.831	-	3.280	-	2.067	-	0.982	-	-	-	0.982
3.6) OTHER SUPPORT	-	9.616	-	1.950	-	4.689	-	2.100	-	-	-	2.100
3.7) INTERIM CONTRACTOR SUPPORT	-	0.000	-	-	-	-	-	-	-	-	-	-
Total Support Cost		41.874		5.230		6.757		3.082		0.000		3.082
Procurement Cost (Procurement + Support)		140.050		23.111		14.064		16.767		0.000		16.767
Total Installation Cost		3.691		2.224		1.551		2.400		0.000		2.400
Total Cost (Procurement + Support + Installation)		143.741		25.335		15.615		19.167		0.000		19.167

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
AVIONICS OBSOLESCENCE (OSIP 017-04)												
A Kits												
Recurring												
1.1.1) RAMP KITS - NonOrganic	-	-	-	-	-	-	-	-	-	-	70	52.610
1.1.2) RAMP/Obsolescence Kits - Organic	400	14.915	400	21.191	400	21.717	400	24.683	20	1.657	3,106	115.247
Subtotal Recurring		14.915		21.191		21.717		24.683		1.657		167.857
NonRecurring												
1.2.1) Non-Recurring Engineering - Organic	-	2.000	-	2.100	-	2.200	-	2.400	-	-	-	27.146
Subtotal NonRecurring		2.000		2.100		2.200		2.400		0.000		27.146
B Kits												
Recurring												
2.1.1) AS-3822/URN (GPS Antenna (FRPA-3) - Organic	-	-	-	-	-	-	-	-	-	-	51	0.135
2.1.2) ASDC - Organic	-	-	-	-	-	-	-	-	-	-	51	1.974

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Exhibit P-3A, Individual Modification: PB 2013 Navy								Date: February 2012				
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0569 - T-45 Series				Modification Nomenclature (<i>Modification Title, Modification Number</i>): AVIONICS OBSOLESCENCE (OSIP 017-04) - 4				
Models of Systems Affected: T-45TS A/C			Type Modification: PS Safety				Related RDT&E PEs:					
Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
2.1.3) ATTITUDE INDICATOR - Organic	-	-	-	-	-	-	-	-	-	-	9	0.291
2.1.4) CP-2092 (P)/A (DDS) - Organic	-	-	-	-	-	-	-	-	-	-	60	0.758
2.1.5) FFI - Organic	-	-	-	-	-	-	-	-	-	-	70	0.822
2.1.6) MDP - Organic	-	-	-	-	-	-	-	-	-	-	70	15.635
2.1.7) MFCD - Organic	-	-	-	-	-	-	-	-	-	-	280	10.728
2.1.8) MU-1053/A (PROGRAM LOADER) - Organic	-	-	-	-	-	-	-	-	-	-	42	0.174
2.1.9) PDU - Organic	-	-	-	-	-	-	-	-	-	-	51	1.328
2.1.10) PYROTECHNIC - Organic	-	-	-	-	-	-	-	-	-	-	70	0.339
2.1.11) UAR DDS RECORDER - Organic	-	-	-	-	-	-	-	-	-	-	10	1.700
2.1.12) SADS - Organic	-	-	-	-	-	-	-	-	-	-	70	1.025
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		34.909
<i>Total, AVIONICS OBSOLESCENCE (OSIP 017-04)</i>	400	16.915	400	23.291	400	23.917	400	27.083	20	1.657	4,010	229.912
<i>Total, All Modifications</i>		16.915		23.291		23.917		27.083		1.657		229.912
Support												
3.1) ECO	-	-	-	-	-	-	-	-	-	-	-	-
3.2) DATA	-	-	-	-	-	-	-	-	-	-	-	-
3.3) TRAINING EQUIP	-	-	-	-	-	-	-	-	-	-	106	30.356
3.4) SUPPORT EQUIPMENT N/R	-	-	-	-	-	-	-	-	-	-	-	0.072
3.5) ILS	-	-	-	-	-	-	-	-	-	-	-	8.160
3.6) OTHER SUPPORT	-	2.500	-	2.600	-	2.700	-	2.800	-	2.689	-	31.644
3.7) INTERIM CONTRACTOR SUPPORT	-	-	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		2.500		2.600		2.700		2.800		2.689		70.232
<i>Procurement Cost (Procurement + Support)</i>		19.415		25.891		26.617		29.883		4.346		300.144
<i>Total Installation Cost</i>		0.800		0.000		0.000		0.000		0.000		10.666
Total Cost (Procurement + Support + Installation)		20.215		25.891		26.617		29.883		4.346		310.810
Remarks:												

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0569 - T-45 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): AVIONICS OBSOLESCENCE (OSIP 017-04) - 4

Models of Systems Affected: T-45TS A/C	Type Modification: PS Safety	Related RDT&E PEs:
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Manufacturer Information: AVIONICS OBSOLESCENCE (OSIP 017-04)	
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Manufacturer Name: Avionics Obsolescence	Manufacturer Location: New MFG - Loc
Administrative Leadtime (<i>in Months</i>): 7	Production Leadtime (<i>in Months</i>): 24

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates	Apr 2011						
Delivery Dates	Apr 2013						

Installation: AVIONICS OBSOLESCENCE (OSIP 017-04)	Method of Implementation: Contractor Field Mod Team	Installation Name: RAMP KITS
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	32	3.691	11	2.224	12	1.551	5	1.100	0	0.000	5	1.100
FY 2011	-	-	-	-	-	-	6	1.300	0	0.000	6	1.300
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	32	3.691	11	2.224	12	1.551	11	2.400	0	0.000	11	2.400

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	60	8.566
FY 2011	4	0.800	-	-	-	-	-	-	-	-	10	2.100
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0569 - T-45 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): AVIONICS OBSOLESCENCE (OSIP 017-04) - 4

Models of Systems Affected: T-45TS A/C	Type Modification: PS Safety	Related RDT&E PEs:
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Installation: AVIONICS OBSOLESCENCE (OSIP 017-04)	Method of Implementation: Contractor Field Mod Team	Installation Name: RAMP KITS
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Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	4	0.800	-	-	-	-	-	-	-	-	70	10.666

Installation Schedule																																
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot	
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4			
In	32	3	3	3	2	3	3	3	3	3	2	3	3	1	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	70
Out	32	3	3	3	2	3	3	3	3	3	2	3	3	1	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	70

Installation: AVIONICS OBSOLESCENCE (OSIP 017-04)	Method of Implementation: Not Installed - RAMP/Obsolescence Kits	Installation Quantity: 3106
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Installation: AVIONICS OBSOLESCENCE (OSIP 017-04)	Method of Implementation: Not Installed - AS-3822/URN (GPS Antenna (FRPA-3)	Installation Quantity: 51
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Installation: AVIONICS OBSOLESCENCE (OSIP 017-04)	Method of Implementation: Not Installed - ASDC	Installation Quantity: 51
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Installation: AVIONICS OBSOLESCENCE (OSIP 017-04)	Method of Implementation: Not Installed - ATTITUDE INDICATOR	Installation Quantity: 9
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Installation: AVIONICS OBSOLESCENCE (OSIP 017-04)	Method of Implementation: Not Installed - CP-2092 (P)/A (DDS)	Installation Quantity: 60
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Installation: AVIONICS OBSOLESCENCE (OSIP 017-04)	Method of Implementation: Not Installed - FFI	Installation Quantity: 70
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Installation: AVIONICS OBSOLESCENCE (OSIP 017-04)	Method of Implementation: Not Installed - MDP	Installation Quantity: 70
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Installation: AVIONICS OBSOLESCENCE (OSIP 017-04)	Method of Implementation: Not Installed - MFCD	Installation Quantity: 280
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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0569 - T-45 Series	Modification Nomenclature <i>(Modification Title, Modification Number):</i> AVIONICS OBSOLESCENCE (OSIP 017-04) - 4
Models of Systems Affected: T-45TS A/C	Type Modification: PS Safety	Related RDT&E PEs:
Installation: AVIONICS OBSOLESCENCE (OSIP 017-04)	Method of Implementation: Not Installed - MU-1053/A (PROGRAM LOADER)	Installation Quantity: 42
Installation: AVIONICS OBSOLESCENCE (OSIP 017-04)	Method of Implementation: Not Installed - PDU	Installation Quantity: 51
Installation: AVIONICS OBSOLESCENCE (OSIP 017-04)	Method of Implementation: Not Installed - PYROTECHNIC	Installation Quantity: 70
Installation: AVIONICS OBSOLESCENCE (OSIP 017-04)	Method of Implementation: Not Installed - UAR DDS RECORDER	Installation Quantity: 10
Installation: AVIONICS OBSOLESCENCE (OSIP 017-04)	Method of Implementation: Not Installed - SADS	Installation Quantity: 70
Installation: AVIONICS OBSOLESCENCE (OSIP 017-04)	Method of Implementation: Not Installed - TRAINING EQUIP	Installation Quantity: 106

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0569 - T-45 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): SYNTHETIC RADAR (OSIP 002-06) - 5

Models of Systems Affected: T-45TS	Type Modification: PS Safety	Related RDT&E PEs:
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	41.012	10.503	11.536	16.740	0.000	16.740	0.550	0.000	0.000	0.000	27.450	107.791
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	41.012	10.503	11.536	16.740	0.000	16.740	0.550	0.000	0.000	0.000	27.450	107.791
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	41.012	10.503	11.536	16.740	0.000	16.740	0.550	0.000	0.000	0.000	27.450	107.791

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

With the T-2 and T-39 divestiture in 2008 and 2012 respectively, the training command cannot complete Uniformed Military Flight Officer training. No new Type Model Series will be developed to pick up this requirement. As a result, the T-45 will modify 19 aircraft to incorporate Virtual Mission Training System (VMTS) into the curriculum. The effort will include two phases of integration to incorporate a commercial off the shelf synthetic radar system into the T-45. Phase I includes determining the integration requirements for the air-to-air and minimal air-to-ground (A/G) synthetic radar capabilities and completing the T-45 integration effort. Phase II includes determining the integration requirements for increased A/G fidelity simulation and weapons sensors simulation while also completing the Phase II integration effort. Four kits will be utilized for testing and will initially be delivered to Pensacola for Instructor training and syllabus evaluation.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: FY07-08 provided funding for non-recurring engineering (NRE) and 2 prototype kits, FY09-11 provides funding for NRE and 4 kits to be used for Final Operational Test & Evaluation. FY12 provides funding for procurement kits.

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Exhibit P-3A, Individual Modification: PB 2013 Navy										Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1					P-1 Line Item Nomenclature: 0569 - T-45 Series					Modification Nomenclature (<i>Modification Title, Modification Number</i>): SYNTHETIC RADAR (OSIP 002-06) - 5			
Models of Systems Affected: T-45TS				Type Modification: PS Safety				Related RDT&E PEs:					
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
SYNTHETIC RADAR (OSIP 002-06)													
A Kits													
Recurring													
1.1.1) VMTS - NonOrganic ⁽³⁾	2	2.108	-	-	12	6.800	5	8.000	-	-	5	8.000	
<i>Subtotal Recurring</i>		2.108		0.000		6.800		8.000		0.000		8.000	
NonRecurring													
1.2.1) Non-recurring (N/R) Engineering - Organic	-	19.766	-	7.401	-	3.100	-	-	-	-	-	-	
<i>Subtotal NonRecurring</i>		19.766		7.401		3.100		0.000		0.000		0.000	
B Kits													
Recurring													
2.1.1) VMTS Equipment - Organic	-	2.000	-	-	-	-	-	-	-	-	-	-	
<i>Subtotal Recurring</i>		2.000		0.000		0.000		0.000		0.000		0.000	
NonRecurring													
2.2.1) Non-recurring Engineering - Organic	-	5.390	-	-	-	-	-	-	-	-	-	-	
<i>Subtotal NonRecurring</i>		5.390		0.000		0.000		0.000		0.000		0.000	
<i>Total, SYNTHETIC RADAR (OSIP 002-06)</i>	2	29.264	-	7.401	12	9.900	5	8.000	-	-	5	8.000	
<i>Total, All Modifications</i>		29.264		7.401		9.900		8.000		0.000		8.000	
Support													
3.1) ECO	-	0.000	-	-	-	-	-	-	-	-	-	-	
3.2) DATA	-	1.871	-	-	-	-	-	-	-	-	-	-	
3.3) TRAINING EQUIP	3	1.000	3	0.021	-	-	-	-	-	-	-	-	
3.4) Support Equipment N/R	-	5.477	-	-	-	-	-	-	-	-	-	-	
3.5) ILS	-	-	-	-	-	-	-	1.100	-	-	-	1.100	
3.6) OTHER SUPPORT	-	3.400	-	2.861	-	1.636	-	3.140	-	-	-	3.140	
3.7) INTERIM CONTRACTOR SUPPORT	-	-	-	-	-	-	-	3.000	-	-	-	3.000	
<i>Total Support Cost</i>		11.748		2.882		1.636		7.240		0.000		7.240	
<i>Procurement Cost (Procurement + Support)</i>		41.012		10.283		11.536		15.240		0.000		15.240	

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Exhibit P-3A, Individual Modification: PB 2013 Navy									Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0569 - T-45 Series					Modification Nomenclature (<i>Modification Title, Modification Number</i>): SYNTHETIC RADAR (OSIP 002-06) - 5					
Models of Systems Affected: T-45TS			Type Modification: PS Safety					Related RDT&E PEs:						
Financial Plan			Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
			<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>
<i>Total Installation Cost</i>				0.000		0.220		0.000		1.500		0.000		1.500
Total Cost (Procurement + Support + Installation)				41.012		10.503		11.536		16.740		0.000		16.740
Financial Plan			FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
			<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>
Procurement														
SYNTHETIC RADAR (OSIP 002-06)														
A Kits														
Recurring														
1.1.1) VMTS - NonOrganic ⁽³⁾			-	-	-	-	-	-	-	-	-	-	19	16.908
<i>Subtotal Recurring</i>				0.000		0.000		0.000		0.000		0.000		16.908
NonRecurring														
1.2.1) Non-recurring (N/R) Engineering - Organic			-	-	-	-	-	-	-	-	-	12.100	-	42.367
<i>Subtotal NonRecurring</i>				0.000		0.000		0.000		0.000		12.100		42.367
B Kits														
Recurring														
2.1.1) VMTS Equipment - Organic			-	-	-	-	-	-	-	-	-	3.000	-	5.000
<i>Subtotal Recurring</i>				0.000		0.000		0.000		0.000		3.000		5.000
NonRecurring														
2.2.1) Non-recurring Engineering - Organic			-	-	-	-	-	-	-	-	-	6.450	-	11.840
<i>Subtotal NonRecurring</i>				0.000		0.000		0.000		0.000		6.450		11.840
<i>Total, SYNTHETIC RADAR (OSIP 002-06)</i>			-	-	-	-	-	-	-	-	-	21.550	19	76.115
<i>Total, All Modifications</i>				0.000		0.000		0.000		0.000		21.550		76.115
Support														
3.1) ECO			-	-	-	-	-	-	-	-	-	-	-	-
3.2) DATA			-	-	-	-	-	-	-	-	-	-	-	1.871
3.3) TRAINING EQUIP			-	-	-	-	-	-	-	-	-	-	6	1.021
3.4) Support Equipment N/R			-	-	-	-	-	-	-	-	-	-	-	5.477

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0569 - T-45 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): SYNTHETIC RADAR (OSIP 002-06) - 5

Models of Systems Affected: T-45TS	Type Modification: PS Safety	Related RDT&E PEs:
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
3.5) ILS	-	-	-	-	-	-	-	-	-	1.200	-	2.300
3.6) OTHER SUPPORT	-	-	-	-	-	-	-	-	-	4.700	-	15.737
3.7) INTERIM CONTRACTOR SUPPORT	-	-	-	-	-	-	-	-	-	-	-	3.000
<i>Total Support Cost</i>		0.000		0.000		0.000		0.000		5.900		29.406
<i>Procurement Cost (Procurement + Support)</i>		0.000		0.000		0.000		0.000		27.450		105.521
<i>Total Installation Cost</i>		0.550		0.000		0.000		0.000		0.000		2.270
Total Cost (Procurement + Support + Installation)		0.550		0.000		0.000		0.000		27.450		107.791

Remarks:
(3) Various administrative and production leadtimes.

Manufacturer Information: SYNTHETIC RADAR (OSIP 002-06)

Manufacturer Name: Manufacturer Name Not Provided. Manufacturer Location: Manufacturer Location Not Provided.

Administrative Leadtime (in Months): Production Leadtime (in Months):

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates							
Delivery Dates							

Installation: SYNTHETIC RADAR (OSIP 002-06) **Method of Implementation:** Contractor Field Mod Team **Installation Name:** VMTS

Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	2	0.220	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	12	1.500	0	0.000	12	1.500
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0569 - T-45 Series
Modification Nomenclature (Modification Title, Modification Number): SYNTHETIC RADAR (OSIP 002-06) - 5		

Models of Systems Affected: T-45TS	Type Modification: PS Safety	Related RDT&E PEs:
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Installation: SYNTHETIC RADAR (OSIP 002-06)	Method of Implementation: Contractor Field Mod Team	Installation Name: VMTS
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	2	0.220	-	-	12	1.500	0	0.000	12	1.500

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	2	0.220
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	12	1.500
FY 2013	5	0.550	-	-	-	-	-	-	-	-	5	0.550
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	5	0.550	-	-	-	-	-	-	-	-	19	2.270

Installation Schedule																														
APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	2	-	-	-	-	3	3	3	3	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Out	-	-	-	2	-	-	-	-	3	3	3	3	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Installation: SYNTHETIC RADAR (OSIP 002-06)	Method of Implementation: Not Installed - TRAINING EQUIP	Installation Quantity: 6
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UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0569 - T-45 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Inactive OSIPs - 6

Models of Systems Affected: [No Model Specified] **Type Modification:** [No Modification Type Specified] **Related RDT&E PEs:**

Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	18.513	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	18.513
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	18.513	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	18.513
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	18.513	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	18.513

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0569 - T-45 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Inactive OSIPs - 6

Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs:
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
Inactive OSIPs												
A Kits												
Recurring												
1.1.1) Inactive OSIPs - Organic	-	18.513	-	-	-	-	-	-	-	-	-	-
<i>Subtotal Recurring</i>		18.513		0.000		0.000		0.000		0.000		0.000
<i>Total, Inactive OSIPs</i>	-	18.513	-	-	-	-	-	-	-	-	-	-
<i>Total, All Modifications</i>		18.513		0.000		0.000		0.000		0.000		0.000
Support												
3.1) New Cost Element.	-	0.000	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
<i>Procurement Cost (Procurement + Support)</i>		18.513		0.000		0.000		0.000		0.000		0.000
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		18.513		0.000		0.000		0.000		0.000		0.000

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
Inactive OSIPs												
A Kits												
Recurring												
1.1.1) Inactive OSIPs - Organic	-	-	-	-	-	-	-	-	-	-	-	18.513
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		18.513
<i>Total, Inactive OSIPs</i>	-	-	-	-	-	-	-	-	-	-	-	18.513
<i>Total, All Modifications</i>		0.000		0.000		0.000		0.000		0.000		18.513
Support												
3.1) New Cost Element.	-	-	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0569 - T-45 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Inactive OSIPs - 6

Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs:
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
<i>Procurement Cost (Procurement + Support)</i>		0.000		0.000		0.000		0.000		0.000		18.513
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		0.000		0.000		0.000		0.000		0.000		18.513

Remarks:

Manufacturer Information: Inactive OSIPs

Manufacturer Name: Manufacturer Name Not Provided. Manufacturer Location: Manufacturer Location Not Provided.

Administrative Leadtime (*in Months*): Production Leadtime (*in Months*):

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates							
Delivery Dates							

Installation: Inactive OSIPs

Method of Implementation: No Quantities Associated with Install **Installation Quantity:** 0

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Exhibit P-40, Budget Item Justification Sheet: PB 2013 Navy **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 1506N : Aircraft Procurement, Navy / BA 5 : Modification of Aircraft / BSA 1 : Modification Of Aircraft	P-1 Line Item Nomenclature: 0570 - Power Plant Changes
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ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	494.422	22.950	21.847	21.569	-	21.569	23.019	21.123	20.941	21.313	19.500	666.684
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	494.422	22.950	21.847	21.569	-	21.569	23.019	21.123	20.941	21.313	19.500	666.684
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	494.422	22.950	21.847	21.569	-	21.569	23.019	21.123	20.941	21.313	19.500	666.684

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

This line item funds modifications to all in-service aircraft engines. Power Plant Changes (PPC) are required throughout the service life of each aircraft to correct flight deficiencies and improve operational readiness while reducing engine operating costs. This program finances the procurement and installation of retrofit kits for all Navy and Marine Corp aircraft engines and related propulsion hardware such as propellers, starters and transmissions. The overall goal of the modifications budgeted in FY2013 is to continue modification efforts previously initiated on the engines for the AV-8B, F/A-18C/D & E/F, S-3, F-16, H-60, H-46, H-53, EA-6B, T-3, T-38, T-45, P-3, E-2, C-2, C-130, UH-1N, HA-1W and V-22.

Item Schedule		Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total			
Item Nomenclature*	Exhibits	ID CD	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Power Plant Changes - 1	P3A		-	-	494.422	-	-	22.950	-	-	21.847	-	-	21.569	-	-	0.000	-	-	21.569
Total Gross/Weapon System Cost					494.422			22.950			21.847			21.569			-			21.569
		FY 2014			FY 2015			FY 2016			FY 2017			To Complete			Total			
Item Nomenclature*	Exhibits	ID CD	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Power Plant Changes - 1	P3A		-	-	23.019	-	-	21.123	-	-	20.941	-	-	21.313	-	-	19.500	-	-	666.684
Total Gross/Weapon System Cost					23.019			21.123			20.941			21.313			19.500			666.684

*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.

Justification:

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Exhibit P-3A, Individual Modification: PB 2013 Navy							Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1			P-1 Line Item Nomenclature: 0570 - Power Plant Changes				Modification Nomenclature <i>(Modification Title, Modification Number):</i> Power Plant Changes - 1					
Models of Systems Affected: Power Plant Changes			Type Modification: Approx. 80% Safety, 20% Reliability				Related RDT&E PEs:					

Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	494.422	22.950	21.847	21.569	0.000	21.569	23.019	21.123	20.941	21.313	19.500	666.684
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	494.422	22.950	21.847	21.569	0.000	21.569	23.019	21.123	20.941	21.313	19.500	666.684
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	494.422	22.950	21.847	21.569	0.000	21.569	23.019	21.123	20.941	21.313	19.500	666.684

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

This program corrects aircraft flight safety deficiencies, improves operational fleet readiness and reduces engine cost of ownership by incorporating approved power plant changes. Power plant changes are required throughout the aircraft service life as the engine ages and operationally revealed deficiencies are discovered, researched, and solutions engineered. The Component Improvement Program (CIP) which is funded in RDT&E,N develops and demonstrates engineering solutions to these deficiencies and through the Engineering Change Proposal (ECP) process, initiates Power Plant Change. The Power Plant Change program procures the necessary Power Plant Change retrofit kits, support equipment, kit installation and technical data. This program provides retrofit kits for all Navy and Marine Corp aircraft engines and propulsion related hardware such as propellers, starters, generators and transmissions. Reliability Improvements are designed to increase Mean Time Between Failure and Mean Time Between Engine Removal by 30% on average and are expected to generate savings /costs avoidance in excess of \$50M annually. Aircraft engines included in Power Plant Change include: F100 Engine, F-16, F402 Engine, AV/8B, F404 Engine, F/A18, F405 Engine, T-45, F414 Engine, F/A 18 E/F, J52 Engine, EA-6B, J85 Engine, T-38 and T-2, T400 Engine AH-1W and UH-1N, T406 Engine, V-22, T-56 Engine, V-22, T56 Engine, P-3, C-2, E-2 and C130, T58 Engine, H-3 and H-46, T-64 Engine, H-63, T700 Engine, H-60 and AH-1 and TF34 Engine S-3.

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Exhibit P-3A, Individual Modification: PB 2013 Navy										Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0570 - Power Plant Changes						Modification Nomenclature (<i>Modification Title, Modification Number</i>): Power Plant Changes - 1			
Models of Systems Affected: Power Plant Changes				Type Modification: Approx. 80% Safety, 20% Reliability				Related RDT&E PEs:					
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
Power Plant Changes													
B Kits													
Recurring													
2.1.1) F100 F16 - NonOrganic ⁽¹⁾	9,999	0.110	-	-	-	-	-	-	-	-	-	-	
2.1.2) F402 AV8B - NonOrganic	-	20.078	-	0.380	-	1.880	-	1.543	-	0.000	-	1.543	
2.1.3) F404 F/A 18 - NonOrganic	-	14.148	-	1.991	-	1.888	-	0.959	-	0.000	-	0.959	
2.1.4) F405 T45 - NonOrganic	-	15.168	-	0.000	-	0.400	-	0.000	-	0.000	-	0.000	
2.1.5) F414 F/A 18 E/F - NonOrganic	-	15.218	-	0.713	-	1.980	-	2.600	-	0.000	-	2.600	
2.1.6) J52 EA-6B - NonOrganic	-	15.063	-	1.110	-	0.000	-	0.000	-	0.000	-	0.000	
2.1.7) J85 T38, T2 - NonOrganic	-	2.453	-	0.500	-	0.061	-	0.000	-	0.000	-	0.000	
2.1.8) T400 AH1W, UH1N - NonOrganic	-	2.905	-	0.258	-	1.010	-	0.000	-	0.000	-	0.000	
2.1.9) T406 V-22 - NonOrganic	-	0.185	-	0.000	-	0.000	-	0.000	-	0.000	-	0.000	
2.1.10) T56 P3, C2, E2, C130 - NonOrganic	-	46.252	-	4.028	-	3.100	-	4.549	-	0.000	-	4.549	
2.1.11) T58 H3, H46 - NonOrganic	-	5.233	-	0.000	-	0.000	-	0.000	-	0.000	-	0.000	
2.1.12) T64 H53 - NonOrganic	-	21.194	-	4.424	-	5.700	-	4.198	-	0.000	-	4.198	
2.1.13) T700 H60, AH1 - NonOrganic	-	42.678	-	2.350	-	1.450	-	2.500	-	0.000	-	2.500	
2.1.14) TF34 S3 - NonOrganic	-	0.450	-	0.000	-	0.000	-	0.000	-	0.000	-	0.000	
2.1.15) Completed ECPs from prior years - NonOrganic	-	200.505	-	0.000	-	0.000	-	0.000	-	0.000	-	0.000	
2.1.16) Installation Equipment N/R - Organic	-	0.164	-	-	-	-	-	-	-	-	-	-	
<i>Subtotal Recurring</i>		<i>401.804</i>		<i>15.754</i>		<i>17.469</i>		<i>16.349</i>		<i>0.000</i>		<i>16.349</i>	
<i>Total, Power Plant Changes</i>		<i>401.804</i>		<i>15.754</i>		<i>17.469</i>		<i>16.349</i>		<i>0.000</i>		<i>16.349</i>	
<i>Total, All Modifications</i>		<i>401.804</i>		<i>15.754</i>		<i>17.469</i>		<i>16.349</i>		<i>0.000</i>		<i>16.349</i>	
Support													
3.1) Data	-	0.776	-	0.060	-	0.051	-	0.051	-	-	-	0.051	
3.2) Engineering Change Orders	-	0.000	-	-	-	-	-	-	-	-	-	-	
3.3) Support equipment	-	0.416	-	0.060	-	0.514	-	0.051	-	-	-	0.051	
3.4) Training Equipment	-	0.000	-	-	-	-	-	-	-	-	-	-	

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0570 - Power Plant Changes	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Power Plant Changes - 1

Models of Systems Affected: Power Plant Changes	Type Modification: Approx. 80% Safety, 20% Reliability	Related RDT&E PEs:
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
3.5) ILS	-	6.081	-	0.223	-	1.200	-	1.170	-	-	-	1.170
3.6) Other Support	-	46.120	-	6.450	-	1.813	-	1.905	-	-	-	1.905
3.7) Interim Contractor Support	-	0.000	-	-	-	-	-	-	-	-	-	-
Total Support Cost		53.393		6.793		3.578		3.177		0.000		3.177
Procurement Cost (Procurement + Support)		455.197		22.547		21.047		19.526		0.000		19.526
Total Installation Cost		39.225		0.403		0.800		2.043		0.000		2.043
Total Cost (Procurement + Support + Installation)		494.422		22.950		21.847		21.569		0.000		21.569

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
Power Plant Changes												
B Kits												
Recurring												
2.1.1) F100 F16 - NonOrganic ⁽¹⁾	-	-	-	-	-	-	-	-	-	-	9,999	0.110
2.1.2) F402 AV8B - NonOrganic	-	1.577	-	1.605	-	1.500	-	1.500	-	2.000	-	32.063
2.1.3) F404 F/A 18 - NonOrganic	-	0.980	-	1.300	-	1.000	-	1.000	-	1.000	-	24.266
2.1.4) F405 T45 - NonOrganic	-	0.000	-	0.000	-	0.000	-	0.000	-	0.000	-	15.568
2.1.5) F414 F/A 18 E/F - NonOrganic	-	1.722	-	1.240	-	1.024	-	1.024	-	1.000	-	26.521
2.1.6) J52 EA-6B - NonOrganic	-	0.000	-	0.000	-	0.000	-	0.000	-	0.000	-	16.173
2.1.7) J85 T38, T2 - NonOrganic	-	0.000	-	0.000	-	0.000	-	0.000	-	0.000	-	3.014
2.1.8) T400 AH1W, UH1N - NonOrganic	-	0.000	-	0.000	-	0.000	-	0.000	-	0.000	-	4.173
2.1.9) T406 V-22 - NonOrganic	-	0.000	-	0.000	-	0.000	-	0.000	-	0.000	-	0.185
2.1.10) T56 P3, C2, E2, C130 - NonOrganic	-	5.648	-	5.262	-	5.350	-	5.350	-	7.000	-	86.539
2.1.11) T58 H3, H46 - NonOrganic	-	0.000	-	0.000	-	0.000	-	0.000	-	0.000	-	5.233
2.1.12) T64 H53 - NonOrganic	-	5.304	-	4.411	-	4.550	-	4.550	-	8.000	-	62.331
2.1.13) T700 H60, AH1 - NonOrganic	-	2.511	-	1.408	-	0.750	-	0.750	-	0.500	-	54.897

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0570 - Power Plant Changes	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Power Plant Changes - 1

Models of Systems Affected: Power Plant Changes	Type Modification: Approx. 80% Safety, 20% Reliability	Related RDT&E PEs:
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
2.1.14) TF34 S3 - NonOrganic	-	0.000	-	0.000	-	0.000	-	0.000	-	0.000	-	0.450
2.1.15) Completed ECPs from prior years - NonOrganic	-	0.000	-	0.000	-	0.000	-	0.000	-	0.000	-	200.505
2.1.16) Installation Equipment N/R - Organic	-	-	-	-	-	-	-	-	-	-	-	0.164
<i>Subtotal Recurring</i>		17.742		15.226		14.174		14.174		19.500		532.192
<i>Total, Power Plant Changes</i>	-	17.742	-	15.226	-	14.174	-	14.174	-	19.500	-	532.192
<i>Total, All Modifications</i>		17.742		15.226		14.174		14.174		19.500		532.192
Support												
3.1) Data	-	0.051	-	0.052	-	0.060	-	0.060	-	-	-	1.161
3.2) Engineering Change Orders	-	-	-	-	-	-	-	-	-	-	-	-
3.3) Support equipment	-	0.051	-	0.052	-	0.060	-	0.060	-	-	-	1.264
3.4) Training Equipment	-	-	-	-	-	-	-	-	-	-	-	-
3.5) ILS	-	1.166	-	1.662	-	1.864	-	2.124	-	-	-	15.490
3.6) Other Support	-	1.921	-	2.006	-	2.783	-	2.895	-	-	-	65.893
3.7) Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		3.189		3.772		4.767		5.139		0.000		83.808
<i>Procurement Cost (Procurement + Support)</i>		20.931		18.998		18.941		19.313		19.500		616.000
<i>Total Installation Cost</i>		2.088		2.125		2.000		2.000		0.000		50.684
Total Cost (Procurement + Support + Installation)		23.019		21.123		20.941		21.313		19.500		666.684

Remarks:

⁽¹⁾The table below list the quantities, installation schedule, and costs for those ECPs for which there is an installation cost. Of those ECPs with installation costs, three are not shown as they are labor only modifications and request no kit. The reason they are not shown in these tables is that the procurement quantity and installation quantities would not be equal. Current with engine/module repair where installation cost is zero, or by forced retrofit.

Manufacturer Information: Power Plant Changes							
Manufacturer Name: Various PPC				Manufacturer Location: Various			
Administrative Leadtime (in Months): 6				Production Leadtime (in Months): 12			
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates							
Delivery Dates							

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0570 - Power Plant Changes
Models of Systems Affected: Power Plant Changes		Modification Nomenclature (<i>Modification Title, Modification Number</i>): Power Plant Changes - 1
Type Modification: Approx. 80% Safety, 20% Reliability		Related RDT&E PEs:

Installation: Power Plant Changes	Method of Implementation: See Notes	Installation Name: Power Plant Installations
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	12,918	39.225	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	0	0.403	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	0	0.800	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	0	2.043	0	0.000	0	2.043
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	12,918	39.225	0	0.403	0	0.800	0	2.043	0	0.000	0	2.043

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	12,918	39.225
FY 2011	-	-	-	-	-	-	-	-	-	-	0	0.403
FY 2012	-	-	-	-	-	-	-	-	-	-	0	0.800
FY 2013	-	-	-	-	-	-	-	-	-	-	0	2.043
FY 2014	0	2.088	-	-	-	-	-	-	-	-	0	2.088
FY 2015	-	-	0	2.125	-	-	-	-	-	-	0	2.125
FY 2016	-	-	-	-	0	2.000	-	-	-	-	0	2.000
FY 2017	-	-	-	-	-	-	0	2.000	-	-	0	2.000
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	0	2.088	0	2.125	0	2.000	0	2.000	-	-	12,918	50.684

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0570 - Power Plant Changes	Modification Nomenclature <i>(Modification Title, Modification Number):</i> Power Plant Changes - 1
Models of Systems Affected: Power Plant Changes	Type Modification: Approx. 80% Safety, 20% Reliability	Related RDT&E PEs:

Installation: Power Plant Changes	Method of Implementation: See Notes	Installation Name: Power Plant Installations
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Installation Schedule

	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	12,918	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12,918
Out	12,918	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12,918

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Exhibit P-40, Budget Item Justification Sheet: PB 2013 Navy **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 1506N : Aircraft Procurement, Navy / BA 5 : Modification of Aircraft / BSA 1 : Modification Of Aircraft	P-1 Line Item Nomenclature: 0571 - JT Primary Acft Trnr Sys (JPATS)
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Resource Summary	Prior Years	Program Elements for Code B Items:					Other Related Program Elements:						
		FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total	
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	20.645	1.821	0.524	1.552	-	1.552	1.579	1.606	1.650	1.679	24.540	55.596	
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-	
Net Procurement (P1) (\$ in Millions)	20.645	1.821	0.524	1.552	-	1.552	1.579	1.606	1.650	1.679	24.540	55.596	
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-	
Total Obligation Authority (\$ in Millions)	20.645	1.821	0.524	1.552	-	1.552	1.579	1.606	1.650	1.679	24.540	55.596	

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

This line item funds modifications to the Joint Primary Aircraft Training System (JPATS). JPATS is a joint USN/USAF Acquisition Program designed to replace the aging primary aircraft (T-34/T-37) fleet. Principal JPATS mission is primary training for entry-level Navy/Air Force student pilots, associated instructor pilots, and primary/intermediate training for USN Naval Flight Officers. JPATS includes the T-6 Texan II which is a single turboprop engine, stepped tandem seat, commercially derived aircraft powered by a single Pratt & Whitney PT6A-68 engine. It serves as the aircraft component of the JPATS integrated primary pilot training system which replaces the T-34C primary training aircraft.

The overall goal of the modifications budgeted in fiscal year 2013 is to correct discrepancies and deficiencies discovered after delivery of the aircraft; and to maintain, where appropriate, joint configuration with Air Force aircraft. The T-6B derivative incorporates major upgrades to the aircraft cockpit, navigation system, and aircrew life support system. 131 Aircraft will receive modifications in FY13.

Item Schedule		ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
P3a JPATS CORRECTION OF DEFICIENCIES (OSIP 011-04) - 1	P3A	-	-	20.645	-	-	1.821	-	-	0.524	-	-	1.552	-	-	0.000	-	-	1.552	
Total Gross/Weapon System Cost				20.645			1.821			0.524			1.552			-			1.552	

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Exhibit P-40, Budget Item Justification Sheet: PB 2013 Navy	Date: February 2012
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Appropriation / Budget Activity / Budget Sub Activity: 1506N : Aircraft Procurement, Navy / BA 5 : Modification of Aircraft / BSA 1 : Modification Of Aircraft	P-1 Line Item Nomenclature: 0571 - JT Primary Acft Trnr Sys (JPATS)
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ID Code (A=Service Ready, B=Not Service Ready) : A				Program Elements for Code B Items:									Other Related Program Elements:							
Item Nomenclature*	Exhibits	ID CD	FY 2014			FY 2015			FY 2016			FY 2017			To Complete			Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
P3a JPATS CORRECTION OF DEFICIENCIES (OSIP 011-04) - 1	P3A		-	-	1.579	-	-	1.606	-	-	1.650	-	-	1.679	-	-	24.540	-	-	55.596
Total Gross/Weapon System Cost					1.579			1.606			1.650			1.679			24.540			55.596

*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.

Justification:

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0571 - JT Primary Acft Trnr Sys (JPATS)	Modification Nomenclature (<i>Modification Title, Modification Number</i>): P3a JPATS CORRECTION OF DEFICIENCIES (OSIP 011-04) - 1

Models of Systems Affected: T-6 A/B T-6 A/B	Type Modification: PS Safety	Related RDT&E PEs:
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	20.645	1.821	0.524	1.552	0.000	1.552	1.579	1.606	1.650	1.679	24.540	55.596
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	20.645	1.821	0.524	1.552	0.000	1.552	1.579	1.606	1.650	1.679	24.540	55.596
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	20.645	1.821	0.524	1.552	0.000	1.552	1.579	1.606	1.650	1.679	24.540	55.596

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

Corrections to discrepancies found during testing and evaluation can sometimes be incorporated into production aircraft, effective with the physical configuration audit which establishes the product baseline of the aircraft. However when this cannot be done due to time constraints, retrofit of the changes into already delivered aircraft requires funding through the Aircraft Modification Program. Additionally, deficiencies discovered during Fleet operations must be corrected. The unacceptable alternative to retrofitting would be multiple configurations in the Fleet, which creates maintenance and supply problems, and in many cases the mission capability of the aircraft would be adversely affected as well as reduced service life.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: Feb 93 received MS 0 and MS I approval, Aug 95 received MS II and LRIP approval, Dec 01 received MS III approval, and Navy IOC occurred 4th Qtr FY03.

Current Active Modifications:

Avionics Upgrade Program (AUP) Spiral I Retrofit - Upgrade the hardware and software in the AUP computer system to provide for increased speed in the Data Transfer System and provide a power caret indication (AUP Integrated Avionics Computer Upgrade Program) in the cockpit for setting engine power.

Auto Ignition Relay - A more reliable relay is required to reduce the maintenance of the auto ignition system, previously incorporated in Cockpit Improvements program.

Avionics Obsolescence - Replace various Avionics components due to supplier and/or technical obsolescence. Future avionics upgrades for the T-6A include upgrades to Electronic Flight Instrument displays.

Bundle A & Bundle B - Bundle A consists of 3 efforts: 1) Space between seat/sidewall to address manual override linkage; 2) Aft Lower Left & Right Sidewall Panel require removal of ejection set guide rail to access aft panel; 3) Canopy Latch Mounting screws. Bundle B consists of 3 efforts: 1) Clamp for Mounting Elevator Trim; 2) Decal elevator lower surface access panel; 3) Landing /Taxi Bonding Wire. Previously budgeted under Structural Improvements.

Canopy Fracturing Initiation System (CFIS) - Redesign Safety related modification will replace the current T-6 laser system CFIS with a ballistic CFIS that will improve reliability and reduce life-cycle costs. Hawker Beechcraft Corporation will be conducting source selection in FY12.

Cockpit Improvements (ECP-058/063) - Safety and Human Factors modification to the cockpit to improve aircrew efficiencies and to eliminate excessive pilot workload and other dangerous situations. Modifications include rearview mirrors, improved cockpit storage, and improved night lighting, reducing excessive ambient noise.

Landing Gear Handle- Safety modification to T-6 Landing Gear Handle to reduce the risk of gear up landings. Effort includes redesign of cams and down-lock solenoid, replacing lights with Light Emitting Diodes and changing Programmable Array Logic to improve voltage thresholds. Bid & Proposal funded in FY12 under Other Support.

Military Flight Operations Quality Assurance (MFOQA) Program - Improve the flight data recorder, change the data cartridge adapter, and install a larger capacity data storage module Personal Computer Memory Card International Association to allow for participation in the MFOQA Program. MFOQA is part of a DoD-wide safety emphasis.

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0571 - JT Primary Acft Trnr Sys (JPATS)	Modification Nomenclature <i>(Modification Title, Modification Number):</i> P3a JPATS CORRECTION OF DEFICIENCIES (OSIP 011-04) - 1
Models of Systems Affected: T-6 A/B T-6 A/B	Type Modification: PS Safety	Related RDT&E PEs:
<p>Naval Aircraft Collision Warning System (NACWS) Replacement (Traffic Avoidance System) -Safety modification to replace the obsolete and unsupported NACWS due to Federal Aviation Administration changes in the National Airspace System.</p> <p>Onboard Oxygen Generating System (OBOGS) Concentrator (-0105 to -0106) - Upgrade current -0105 model OBOGS Concentrator to replace parts that are no longer available due to manufacturing obsolescence. In addition, replace the slide valve to eliminate issues with sticking.</p> <p>OBOGS Low Pressure Switch - Safety modification to improve OBOGS low pressure switch. In-flight failures have caused numerous aborts.</p> <p>Power Control Lever (PCL) Cut-Off - Safety related effort to install a mechanical barrier to PCL to prevent inadvertent engine shutdown (cut-off). Result of Class A safety investigation.</p> <p>Structural Improvement - Change structural components to strengthen the T-6 Airframe to address cracks and structural fatigue issues. This is both a safety and maintainability issue.</p> <p>Future Modifications:</p> <p>Avionics Upgrade Program (AUP) - AUP Spiral II Retrofit - Upgrade the hardware and software in the AUP computer system to provide solution to conditions that were noted as deficiencies during the T-6B FOT&E.</p> <p>AUP - Upgrade T-6 avionics to include multifunctional displays controlled by two (2) redundant Integrated Avionics Computers, add a Heads-Up Display to the front cockpit, a radar altimeter and additional navigational capability, which also includes T-6B Baseline catch-up.</p> <p>Braking - Safety modification to improve the short field abort and stopping distances of the aircraft through the introduction of improved tires and braking system.</p> <p>Ground Proximity Warning System (GPWS/Enhanced Ground Proximity Warning System) - Formally called GPS Receiver Upgrade. Safety of flight issue. OPNAV mandated incorporation of a system that will indicate the proximity of the T-6 aircraft to the ground. GPWS will reduce the potential of an inadvertent ground strike resulting in the possible loss of aircraft and crew.</p> <p>Instrument Training Hood - Cockpit instrument training hoods and head/helmet mounted hoods for the T-6 aircraft. Prevents visually obtaining outside references while flying and landing the aircraft.</p> <p>Voice Recorder - OPNAV mandated installation of a cockpit voice recording system to provide audio playback capability for investigation and reconstruction of incidents and mishaps.</p> <p>ARCHIVE Modifications:</p> <p>Acceptance of Ground Power (ECP-056) - Operational modification to allow acceptance of electric power commercial ground power carts.</p> <p>Aft Fuselage Structural Upgrade - Add structural components to strengthen the Aft Fuselage to address minor cracks and rivets coming loose and/or breaking in the area of Frame 9 and the Ventral Fins. This is both a safety and maintainability issue.</p> <p>ANTI-G valve replacement - Safety modification to improve Anti-G valve with rust resistant valve. Rusty valves have caused numerous in-flight emergencies (loss of pressurization).</p> <p>Anti-Suffocation Valve (ASV) Regulator/Electrical (EL) Panel - Safety modification addressing excessive force required to breathe utilizing current ASV. This Correction will solve unconscious aircrew air supply requirements. In addition, a safety modification will replace the current EL Panel to increase the oxygen regulator blinker visibility at night. Deficiency noted during OPEVAL.</p> <p>Condenser blower motor-longer life - Replace air conditioning blower with longer life, brushless motor, reducing life cycle cost .</p> <p>Ejection Mode Selector -Modifies Interseat Sequencing System (Ejection system) to add additional mode allowing command ejection authority.</p> <p>Emergency Locator Transmitter (ELT) - DoD mandated installation of a 121.5/406 MHz ELT system in the T-6 to replace the current 121.5/243 MHz emergency beacon.</p> <p>Engine Oil Dipstick and Bottle - Enhance the Engine Oil Dipstick and add a Collection Bottle which will allow a higher total engine oil volume to provide an allowable range for safe operation. This effort is a direct response to a Navy Class B engine incident.</p> <p>Increase Gross Weight - Structural mods to increase weight capacity. Need driven by weight additions for Anti-Skid, Life Raft, Oil Pressure warning system.</p> <p>Life Raft Addition to Ejection Seat Sea Water Activated Release System Aircrew Life Support System (ALSS) - Safety modification to install life raft to ejection seat and incorporate Universal Radio Transmitter-140 radio. Current system lacks raft, restricting overwater flight operations.</p> <p>Main Landing Gear (MLG) Doors & Bell crank - Structural fixes to gear doors & bell crank to eliminate cracking. Includes Retrofit of improved durability MLG door tie rod Redesign.</p> <p>Nose Wheel Actuator - Replace existing T-6 Nose wheel Actuator with longer life, better sealed actuator, reducing life cycle costs.</p> <p>Nose Wheel Centering (ECP-052) - Safety modification to provide positive nose wheel centering in flight. Category 1 Deficiency.</p> <p>OBOGS Upgrades (ECP-049) - Safety modifications to improve the normal and emergency aircrew oxygen supply systems. Mods address increased supply, delivery control box and software logic corrections.</p> <p>Oil Pressure Warning - Safety modifications to correct oil pressure cockpit warning indications and associated systems to improving aircrew situational awareness and overall systems operation.</p>		

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0571 - JT Primary Acft Trnr Sys (JPATS)	Modification Nomenclature <i>(Modification Title, Modification Number):</i> P3a JPATS CORRECTION OF DEFICIENCIES (OSIP 011-04) - 1
Models of Systems Affected: T-6 A/B T-6 A/B	Type Modification: PS Safety	Related RDT&E PEs:
<p>Oil Pressure Annunciator System (OPAS) Signal Conditioning Unit (SCU) - Upgrade the OPAS SCU. Upgraded OPAS SCU will take readings from a different point in the engine oil system and use upgraded software to eliminate erroneous "Oil Pressure Low" warning indications in the cockpit.</p> <p>Sealed Rudder Position Sensor - Replace the current Rudder Position Sensor which has an excessively high failure rate due to water intrusion into the unit resulting in inaccurate information being provided to the flight data recorder. Erroneous data negatively impacts the structural integrity/fatigue life expended monitoring program because rudder position affects tail loading (asymmetric G's) and accident/incident replay and investigation.</p> <p>Supplemental Oxygen System - Safety modification to increase volume of emergency oxygen. Class A safety board recommendation.</p> <p>Trim System Redesign - Safety modification to reduce trim actuator force limit, increases activation speed.</p> <p>Universal Water Activated Release System (UWARS) Addition to Ejection Seat ALSS - Safety modification to add UWARS to Ejection Seat. Current system lacks UWARS, restricting overwater flight operations.</p> <p>VHF Radio ECP (ECP-055) - Provide for the correction of volume and reception level discrepancies. Current volume inequities between the Ultra High Frequency/Very radios make the radio unintelligible and a safety concern for aircrew.</p>		

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Exhibit P-3A, Individual Modification: PB 2013 Navy								Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0571 - JT Primary Acft Trnr Sys (JPATS)				Modification Nomenclature (<i>Modification Title, Modification Number</i>): P3a JPATS CORRECTION OF DEFICIENCIES (OSIP 011-04) - 1					
Models of Systems Affected: T-6 A/B T-6 A/B			Type Modification: PS Safety					Related RDT&E PEs:					
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
P3a JPATS CORRECTION OF DEFICIENCIES (OSIP 011-04)													
A Kits													
Recurring													
1.1.1) Avionics Upgrade Program (AUP) Spiral I Retrofit - NonOrganic	49	0.500	1	0.729	-	-	1	0.300	-	-	1	0.300	
1.1.2) Auto Ignition Relay - NonOrganic	-	-	-	-	-	-	2	0.003	-	-	2	0.003	
1.1.3) Avionics Obsolescence - NonOrganic	-	-	-	-	1	0.170	1	0.010	-	-	1	0.010	
1.1.4) Bundle A & Bundle B - NonOrganic	-	-	109	0.166	59	0.023	-	-	-	-	-	-	
1.1.5) CFIS Redesign - NonOrganic	-	-	-	-	-	-	1	0.001	-	-	1	0.001	
1.1.6) Cockpit Improvements - NonOrganic	83	0.453	6	0.174	-	-	6	0.001	-	-	6	0.001	
1.1.7) Military Flight Operations Quality Assurance (MFOQA) Program - NonOrganic	28	0.129	21	0.109	-	-	-	-	-	-	-	-	
1.1.8) Naval Aircraft Collision Warning System (NACWS) Replacement - NonOrganic	40	4.330	8	0.306	-	-	-	-	-	-	-	-	
1.1.9) Onboard Oxygen Generating System (OBOGS) Concentrator - NonOrganic	-	-	-	-	-	-	97	0.590	-	-	97	0.590	
1.1.10) OBOGS Low Pressure Switch - NonOrganic	51	0.213	1	0.224	1	0.214	-	-	-	-	-	-	
1.1.11) Power Control Lever (PCL) Cut-Off - NonOrganic	-	-	-	-	-	-	74	0.348	-	-	74	0.348	
1.1.12) Structural Improvement - NonOrganic	10	0.040	5	0.036	1	0.006	5	0.001	-	-	5	0.001	
1.1.14) Avionics Upgrade Program (AUP) Spiral II Retrofit - NonOrganic	-	-	-	-	-	-	-	-	-	-	-	-	
1.1.15) Avionics Upgrade Program - NonOrganic	-	-	-	-	-	-	-	-	-	-	-	-	
1.1.16) Ground Proximity Warning System - NonOrganic	-	-	-	-	-	-	-	-	-	-	-	-	
1.1.17) Instrument Training Hood - NonOrganic	-	-	-	-	-	-	-	-	-	-	-	-	
1.1.18) Voice Recorder - NonOrganic	-	-	-	-	-	-	-	-	-	-	-	-	
1.1.20) AFT Fuselage Structural Upgrades - NonOrganic	49	0.008	-	-	-	-	-	-	-	-	-	-	
1.1.21) Acceptance Ground of Power - NonOrganic	43	0.065	-	-	-	-	-	-	-	-	-	-	
1.1.22) Anti-G Valve replacement - NonOrganic	3	0.002	-	-	-	-	-	-	-	-	-	-	

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Exhibit P-3A, Individual Modification: PB 2013 Navy								Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0571 - JT Primary Acft Trnr Sys (JPATS)				Modification Nomenclature (<i>Modification Title, Modification Number</i>): P3a JPATS CORRECTION OF DEFICIENCIES (OSIP 011-04) - 1					
Models of Systems Affected: T-6 A/B T-6 A/B			Type Modification: PS Safety					Related RDT&E PEs:					
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
1.1.23) Anti Suffocation Valve (ASV) Regulator/Electrical Panel - NonOrganic	98	0.293	-	-	-	-	-	-	-	-	-	-	
1.1.24) Condensor Motor Blower - longer life - NonOrganic	49	0.388	-	-	-	-	-	-	-	-	-	-	
1.1.25) Ejection Mode Selector - NonOrganic	49	0.192	-	-	-	-	-	-	-	-	-	-	
1.1.26) Emergency Locator Transmitter - NonOrganic	49	0.059	-	-	-	-	-	-	-	-	-	-	
1.1.27) Engine Oil Dipstick and Bottle - NonOrganic	63	0.032	-	-	-	-	-	-	-	-	-	-	
1.1.28) Increase Gross Weight - NonOrganic	28	0.014	-	-	-	-	-	-	-	-	-	-	
1.1.29) Life Raft Addition to Ejection Seat Sea Water Activated Release System - NonOrganic	46	0.721	-	-	-	-	-	-	-	-	-	-	
1.1.30) Main Landing Gear Doors & Bell Crank - NonOrganic	189	1.088	-	-	-	-	-	-	-	-	-	-	
1.1.31) Nose Wheel Actuator - NonOrganic	8	0.016	-	-	-	-	-	-	-	-	-	-	
1.1.32) Nose Wheel Centering - NonOrganic	36	0.165	-	-	-	-	-	-	-	-	-	-	
1.1.33) OBOGS Upgrades - NonOrganic	40	0.288	-	-	-	-	-	-	-	-	-	-	
1.1.34) Oil Pressure Warning - NonOrganic	48	0.107	-	-	-	-	-	-	-	-	-	-	
1.1.35) Oil Pressure Annunciator System (OPAS) Signal Cond Unit (SCU) - NonOrganic	49	0.246	-	-	-	-	-	-	-	-	-	-	
1.1.36) Sealed Rudder Position Sensor - NonOrganic	46	0.033	-	-	-	-	-	-	-	-	-	-	
1.1.37) Supplemental Oxygen System - NonOrganic	5	0.019	-	-	-	-	-	-	-	-	-	-	
1.1.38) Trim System Redesign - NonOrganic	150	0.513	-	-	-	-	-	-	-	-	-	-	
1.1.39) Universal Water Activated Release Sys (UWARS) ALSS - NonOrganic	7	0.146	-	-	-	-	-	-	-	-	-	-	
1.1.40) VHF Radio - NonOrganic	39	0.071	-	-	-	-	-	-	-	-	-	-	
<i>Subtotal Recurring</i>		10.131		1.744		0.413		1.254		0.000		1.254	
NonRecurring													
1.2.1) ECP Preparation - Organic	-	0.018	-	0.001	-	0.002	-	0.003	-	-	-	0.003	
1.2.2) Non-recurring Engineering - Organic	-	1.104	-	0.002	-	0.002	-	0.002	-	-	-	0.002	
1.2.3) Tooling - Organic	-	0.010	-	-	-	-	-	-	-	-	-	-	
<i>Subtotal NonRecurring</i>		1.132		0.003		0.004		0.005		0.000		0.005	
B Kits													

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Exhibit P-3A, Individual Modification: PB 2013 Navy								Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0571 - JT Primary Acft Trnr Sys (JPATS)				Modification Nomenclature (<i>Modification Title, Modification Number</i>): P3a JPATS CORRECTION OF DEFICIENCIES (OSIP 011-04) - 1					
Models of Systems Affected: T-6 A/B T-6 A/B			Type Modification: PS Safety					Related RDT&E PEs:					
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Recurring													
2.1.2) Avionics Upgrade Program (AUP) Spiral I Retrofit - Organic	49	0.001	-	-	-	-	1	0.002	-	-	1	0.002	
2.1.3) Avionics Obsolescence - Organic	-	-	-	-	-	-	1	0.001	-	-	1	0.001	
2.1.4) CFIS Redesign - Organic	-	-	-	-	-	-	1	0.001	-	-	1	0.001	
2.1.5) Cockpit Improvements - Organic	83	0.063	6	0.006	-	-	6	0.001	-	-	6	0.001	
2.1.6) Naval Aircraft Collision Warning System (NACWS) Replacement - Organic	40	0.037	8	0.040	-	-	-	-	-	-	-	-	
2.1.7) Onboard Oxygen Generating System (OBOGS) Concentrator - Organic	-	-	-	-	-	-	1	0.001	-	-	1	0.001	
2.1.8) OBOGS Low Pressure Switch - Organic	51	0.001	1	0.001	1	0.001	-	-	-	-	-	-	
2.1.9) Power Control Lever (PCL) Cut-Off - Organic	-	-	-	-	-	-	5	0.001	-	-	5	0.001	
2.1.10) Structural Improvement - Organic	10	0.002	5	0.013	1	0.001	5	0.001	-	-	5	0.001	
2.1.12) Avionics Upgrade Program (AUP) Spiral II Retrofit - Organic	-	-	-	-	-	-	-	-	-	-	-	-	
2.1.13) Avionics Upgrade Program - Organic	-	-	-	-	-	-	-	-	-	-	-	-	
2.1.14) Ground Proximity Warning System - Organic	-	-	-	-	-	-	-	-	-	-	-	-	
2.1.15) Instrument Training Hood - Organic	-	-	-	-	-	-	-	-	-	-	-	-	
2.1.16) Voice Recorder - Organic	-	-	-	-	-	-	-	-	-	-	-	-	
2.1.18) Acceptance of Ground Power - Organic	43	0.096	-	-	-	-	-	-	-	-	-	-	
2.1.19) AFT Fuselage Structural Upgrade - Organic	28	0.003	-	-	-	-	-	-	-	-	-	-	
2.1.20) Anti G Valve - Organic	3	0.001	-	-	-	-	-	-	-	-	-	-	
2.1.21) Anti-Suffocation Valve (ASV) Regulator/Electrical (EL) Panel - Organic	98	0.059	-	-	-	-	-	-	-	-	-	-	
2.1.22) Condensor Blower Motor - Longer Life - Organic	49	0.009	-	-	-	-	-	-	-	-	-	-	
2.1.23) Ejection Mode Selector - Organic	49	0.005	-	-	-	-	-	-	-	-	-	-	
2.1.24) Emergency Locator Transmitter - Organic	49	0.002	-	-	-	-	-	-	-	-	-	-	
2.1.25) Engine Oil Dipstick and Bottle - Organic	12	0.006	-	-	-	-	-	-	-	-	-	-	
2.1.26) Increase Gross Weight - Organic	28	0.013	-	-	-	-	-	-	-	-	-	-	
2.1.27) Life Raft Addition to Ejection Seat - Organic	31	0.020	-	-	-	-	-	-	-	-	-	-	
2.1.28) Main Landing Gear Doors & Bell Crank - Organic	177	0.174	-	-	-	-	-	-	-	-	-	-	

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Exhibit P-3A, Individual Modification: PB 2013 Navy								Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0571 - JT Primary Acft Trnr Sys (JPATS)				Modification Nomenclature (<i>Modification Title, Modification Number</i>): P3a JPATS CORRECTION OF DEFICIENCIES (OSIP 011-04) - 1					
Models of Systems Affected: T-6 A/B T-6 A/B			Type Modification: PS Safety					Related RDT&E PEs:					
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
2.1.29) Nose Wheel Actuator - Organic	8	0.002	-	-	-	-	-	-	-	-	-	-	
2.1.30) Nose Wheel Centering - Organic	36	0.319	-	-	-	-	-	-	-	-	-	-	
2.1.31) Onboard Oxygen Generating System (OBOGS) Upgrades - Organic	40	0.029	-	-	-	-	-	-	-	-	-	-	
2.1.32) Oil Pressure Warning - Organic	48	0.107	-	-	-	-	-	-	-	-	-	-	
2.1.33) Oil Pressure Annunciator System (OPAS) Signal Conditioning Unit - Organic	49	0.005	-	-	-	-	-	-	-	-	-	-	
2.1.34) Sealed Rudder Position Sensor - Organic	46	0.006	-	-	-	-	-	-	-	-	-	-	
2.1.35) Supplemental Oxygen System - Organic	5	0.012	-	-	-	-	-	-	-	-	-	-	
2.1.36) Trim System Redesign - Organic	135	0.023	-	-	-	-	-	-	-	-	-	-	
2.1.37) Universal Water Activated Release Sys Addition to Ejection Seat - Organic	7	0.002	-	-	-	-	-	-	-	-	-	-	
2.1.38) VHF Radio (Audio Volume) - Organic	39	0.087	-	-	-	-	-	-	-	-	-	-	
<i>Subtotal Recurring</i>		1.084		0.060		0.002		0.008		0.000		0.008	
NonRecurring													
2.2.1) Non-recurring Engineering - Organic	-	0.022	-	0.003	-	0.002	-	0.012	-	-	-	0.012	
<i>Subtotal NonRecurring</i>		0.022		0.003		0.002		0.012		0.000		0.012	
Total, P3a JPATS CORRECTION OF DEFICIENCIES (OSIP 011-04)	2,568	12.369	171	1.810	64	0.421	207	1.279	-	-	207	1.279	
Total, All Modifications		12.369		1.810		0.421		1.279		0.000		1.279	
Support													
3.1) ECO	-	-	-	-	-	0.002	-	0.001	-	-	-	0.001	
3.2) DATA - Publications	-	0.025	-	-	-	0.008	-	0.007	-	-	-	0.007	
3.3) Training Equipment	58	0.217	-	-	30	0.021	30	0.014	-	-	30	0.014	
3.4) Support Equipment	-	0.003	-	-	-	0.002	-	0.002	-	-	-	0.002	
3.5) ILS	-	0.011	-	0.004	-	0.007	-	0.007	-	-	-	0.007	
3.6) Other Support	-	0.024	-	0.005	-	0.014	-	0.011	-	-	-	0.011	
3.7) Interim Contractor Support	-	0.000	-	-	-	-	-	-	-	-	-	-	
3.8) DAWDF Realignment	-	1.894	-	-	-	-	-	-	-	-	-	-	
Total Support Cost		2.174		0.009		0.054		0.042		0.000		0.042	

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0571 - JT Primary Acft Trnr Sys (JPATS)	Modification Nomenclature (<i>Modification Title, Modification Number</i>): P3a JPATS CORRECTION OF DEFICIENCIES (OSIP 011-04) - 1

Models of Systems Affected: T-6 A/B T-6 A/B	Type Modification: PS Safety	Related RDT&E PEs:
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement Cost (Procurement + Support)		14.543		1.819		0.475		1.321		0.000		1.321
Total Installation Cost		6.102		0.002		0.049		0.231		0.000		0.231
Total Cost (Procurement + Support + Installation)		20.645		1.821		0.524		1.552		0.000		1.552

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
P3a JPATS CORRECTION OF DEFICIENCIES (OSIP 011-04)												
A Kits												
Recurring												
1.1.1) Avionics Upgrade Program (AUP) Spiral I Retrofit - NonOrganic	1	0.001	1	0.001	1	0.001	-	-	-	-	54	1.532
1.1.2) Auto Ignition Relay - NonOrganic	32	0.083	-	-	-	-	-	-	-	-	34	0.086
1.1.3) Avionics Obsolescence - NonOrganic	10	0.015	10	0.015	49	0.229	49	0.200	175	1.062	295	1.701
1.1.4) Bundle A & Bundle B - NonOrganic	-	-	-	-	-	-	-	-	-	-	168	0.189
1.1.5) CFIS Redesign - NonOrganic	1	0.001	20	0.320	20	0.300	20	0.300	234	3.525	296	4.447
1.1.6) Cockpit Improvements - NonOrganic	-	-	-	-	6	0.081	-	-	-	-	101	0.709
1.1.7) Military Flight Operations Quality Assurance (MFOQA) Program - NonOrganic	-	-	1	0.014	1	0.014	1	0.014	243	0.893	295	1.173
1.1.8) Naval Aircraft Collision Warning System (NACWS) Replacement - NonOrganic	-	-	-	-	-	-	-	-	-	-	48	4.636
1.1.9) Onboard Oxygen Generating System (OBOGS) Concentrator - NonOrganic	98	0.948	98	0.749	1	0.001	1	0.001	40	0.009	335	2.298
1.1.10) OBOGS Low Pressure Switch - NonOrganic	-	-	-	-	-	-	-	-	-	-	53	0.651
1.1.11) Power Control Lever (PCL) Cut-Off - NonOrganic	74	0.288	-	-	-	-	-	-	-	-	148	0.636
1.1.12) Structural Improvement - NonOrganic	5	0.020	5	0.045	5	0.121	5	0.100	26	0.103	67	0.472
1.1.14) Avionics Upgrade Program (AUP) Spiral II Retrofit - NonOrganic	-	-	-	-	1	0.010	1	0.010	293	1.379	295	1.399
1.1.15) Avionics Upgrade Program - NonOrganic	-	-	-	-	1	0.303	1	0.262	41	12.300	43	12.865

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy									Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1			P-1 Line Item Nomenclature: 0571 - JT Primary Acft Trnr Sys (JPATS)						Modification Nomenclature (<i>Modification Title, Modification Number</i>): P3a JPATS CORRECTION OF DEFICIENCIES (OSIP 011-04) - 1			
Models of Systems Affected: T-6 A/B T-6 A/B			Type Modification: PS Safety						Related RDT&E PEs:			
Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
1.1.16) Ground Proximity Warning System - NonOrganic	-	-	-	-	1	0.007	1	0.007	291	0.119	293	0.133
1.1.17) Instrument Training Hood - NonOrganic	-	-	-	-	1	0.001	1	0.001	293	0.048	295	0.050
1.1.18) Voice Recorder - NonOrganic	-	-	-	-	1	0.021	1	0.021	291	2.759	293	2.801
1.1.20) AFT Fuselage Structural Upgrades - NonOrganic	-	-	-	-	-	-	-	-	-	-	49	0.008
1.1.21) Acceptance Ground of Power - NonOrganic	-	-	-	-	-	-	-	-	-	-	43	0.065
1.1.22) Anti-G Valve replacement - NonOrganic	-	-	-	-	-	-	-	-	-	-	3	0.002
1.1.23) Anti Suffocation Valve (ASV) Regulator/Electrical Panel - NonOrganic	-	-	-	-	-	-	-	-	-	-	98	0.293
1.1.24) Condensor Motor Blower - longer life - NonOrganic	-	-	-	-	-	-	-	-	-	-	49	0.388
1.1.25) Ejection Mode Selector - NonOrganic	-	-	-	-	-	-	-	-	-	-	49	0.192
1.1.26) Emergency Locator Transmitter - NonOrganic	-	-	-	-	-	-	-	-	-	-	49	0.059
1.1.27) Engine Oil Dipstick and Bottle - NonOrganic	-	-	-	-	-	-	-	-	-	-	63	0.032
1.1.28) Increase Gross Weight - NonOrganic	-	-	-	-	-	-	-	-	-	-	28	0.014
1.1.29) Life Raft Addition to Ejection Seat Sea Water Activated Release System - NonOrganic	-	-	-	-	-	-	-	-	-	-	46	0.721
1.1.30) Main Landing Gear Doors & Bell Crank - NonOrganic	-	-	-	-	-	-	-	-	-	-	189	1.088
1.1.31) Nose Wheel Actuator - NonOrganic	-	-	-	-	-	-	-	-	-	-	8	0.016
1.1.32) Nose Wheel Centering - NonOrganic	-	-	-	-	-	-	-	-	-	-	36	0.165
1.1.33) OBOGS Upgrades - NonOrganic	-	-	-	-	-	-	-	-	-	-	40	0.288
1.1.34) Oil Pressure Warning - NonOrganic	-	-	-	-	-	-	-	-	-	-	48	0.107
1.1.35) Oil Pressure Annunciator System (OPAS) Signal Cond Unit (SCU) - NonOrganic	-	-	-	-	-	-	-	-	-	-	49	0.246
1.1.36) Sealed Rudder Position Sensor - NonOrganic	-	-	-	-	-	-	-	-	-	-	46	0.033
1.1.37) Supplemental Oxygen System - NonOrganic	-	-	-	-	-	-	-	-	-	-	5	0.019
1.1.38) Trim System Redesign - NonOrganic	-	-	-	-	-	-	-	-	-	-	150	0.513
1.1.39) Universal Water Activated Release Sys (UWARS) ALSS - NonOrganic	-	-	-	-	-	-	-	-	-	-	7	0.146
1.1.40) VHF Radio - NonOrganic	-	-	-	-	-	-	-	-	-	-	39	0.071
<i>Subtotal Recurring</i>		1.356		1.144		1.089		0.916		22.197		40.244

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy									Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1			P-1 Line Item Nomenclature: 0571 - JT Primary Acft Trnr Sys (JPATS)						Modification Nomenclature (<i>Modification Title, Modification Number</i>): P3a JPATS CORRECTION OF DEFICIENCIES (OSIP 011-04) - 1			
Models of Systems Affected: T-6 A/B T-6 A/B			Type Modification: PS Safety				Related RDT&E PEs:					
Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
NonRecurring												
1.2.1) ECP Preparation - Organic	-	0.010	-	0.050	-	0.050	-	0.100	-	-	-	0.234
1.2.2) Non-recurring Engineering - Organic	-	0.010	-	0.050	-	0.050	-	0.100	-	-	-	1.320
1.2.3) Tooling - Organic	-	-	-	-	-	-	-	-	-	-	-	0.010
<i>Subtotal NonRecurring</i>		<i>0.020</i>		<i>0.100</i>		<i>0.100</i>		<i>0.200</i>		<i>0.000</i>		<i>1.564</i>
B Kits												
Recurring												
2.1.2) Avionics Upgrade Program (AUP) Spiral I Retrofit - Organic	1	0.001	1	0.001	1	0.001	-	-	-	-	53	0.006
2.1.3) Avionics Obsolescence - Organic	49	0.010	49	0.010	49	0.010	49	0.010	97	0.029	294	0.070
2.1.4) CFIS Redesign - Organic	1	0.005	1	0.009	1	0.009	1	0.009	41	0.001	46	0.034
2.1.5) Cockpit Improvements - Organic	-	-	-	-	6	0.019	-	-	-	-	101	0.089
2.1.6) Naval Aircraft Collision Warning System (NACWS) Replacement - Organic	-	-	-	-	-	-	-	-	-	-	48	0.077
2.1.7) Onboard Oxygen Generating System (OBOGS) Concentrator - Organic	1	0.001	1	0.002	1	0.002	1	0.002	40	0.051	45	0.059
2.1.8) OBOGS Low Pressure Switch - Organic	-	-	-	-	-	-	-	-	-	-	53	0.003
2.1.9) Power Control Lever (PCL) Cut-Off - Organic	5	0.001	-	-	-	-	-	-	-	-	10	0.002
2.1.10) Structural Improvement - Organic	5	0.001	5	0.001	5	0.001	5	0.001	26	0.003	67	0.024
2.1.12) Avionics Upgrade Program (AUP) Spiral II Retrofit - Organic	-	-	-	-	1	0.002	1	0.003	292	0.362	294	0.367
2.1.13) Avionics Upgrade Program - Organic	1	0.002	1	0.012	1	0.013	1	0.013	39	0.479	43	0.519
2.1.14) Ground Proximity Warning System - Organic	-	-	-	-	1	0.001	1	0.001	291	0.014	293	0.016
2.1.15) Instrument Training Hood - Organic	-	-	-	-	1	0.001	1	0.001	293	0.083	295	0.085
2.1.16) Voice Recorder - Organic	-	-	-	-	1	0.001	1	0.001	291	0.138	293	0.140
2.1.18) Acceptance of Ground Power - Organic	-	-	-	-	-	-	-	-	-	-	43	0.096
2.1.19) AFT Fuselage Structural Upgrade - Organic	-	-	-	-	-	-	-	-	-	-	28	0.003
2.1.20) Anti G Valve - Organic	-	-	-	-	-	-	-	-	-	-	3	0.001
2.1.21) Anti-Suffocation Valve (ASV) Regulator/Electrical (EL) Panel - Organic	-	-	-	-	-	-	-	-	-	-	98	0.059
2.1.22) Condensor Blower Motor - Longer Life - Organic	-	-	-	-	-	-	-	-	-	-	49	0.009

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Exhibit P-3A, Individual Modification: PB 2013 Navy								Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0571 - JT Primary Acft Trnr Sys (JPATS)				Modification Nomenclature (<i>Modification Title, Modification Number</i>): P3a JPATS CORRECTION OF DEFICIENCIES (OSIP 011-04) - 1					
Models of Systems Affected: T-6 A/B T-6 A/B				Type Modification: PS Safety				Related RDT&E PEs:					
Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
2.1.23) Ejection Mode Selector - Organic	-	-	-	-	-	-	-	-	-	-	49	0.005	
2.1.24) Emergency Locator Transmitter - Organic	-	-	-	-	-	-	-	-	-	-	49	0.002	
2.1.25) Engine Oil Dipstick and Bottle - Organic	-	-	-	-	-	-	-	-	-	-	12	0.006	
2.1.26) Increase Gross Weight - Organic	-	-	-	-	-	-	-	-	-	-	28	0.013	
2.1.27) Life Raft Addition to Ejection Seat - Organic	-	-	-	-	-	-	-	-	-	-	31	0.020	
2.1.28) Main Landing Gear Doors & Bell Crank - Organic	-	-	-	-	-	-	-	-	-	-	177	0.174	
2.1.29) Nose Wheel Actuator - Organic	-	-	-	-	-	-	-	-	-	-	8	0.002	
2.1.30) Nose Wheel Centering - Organic	-	-	-	-	-	-	-	-	-	-	36	0.319	
2.1.31) Onboard Oxygen Generating System (OBOGS) Upgrades - Organic	-	-	-	-	-	-	-	-	-	-	40	0.029	
2.1.32) Oil Pressure Warning - Organic	-	-	-	-	-	-	-	-	-	-	48	0.107	
2.1.33) Oil Pressure Annunciator System (OPAS) Signal Conditioning Unit - Organic	-	-	-	-	-	-	-	-	-	-	49	0.005	
2.1.34) Sealed Rudder Position Sensor - Organic	-	-	-	-	-	-	-	-	-	-	46	0.006	
2.1.35) Supplemental Oxygen System - Organic	-	-	-	-	-	-	-	-	-	-	5	0.012	
2.1.36) Trim System Redesign - Organic	-	-	-	-	-	-	-	-	-	-	135	0.023	
2.1.37) Universal Water Activated Release Sys Addition to Ejection Seat - Organic	-	-	-	-	-	-	-	-	-	-	7	0.002	
2.1.38) VHF Radio (Audio Volume) - Organic	-	-	-	-	-	-	-	-	-	-	39	0.087	
<i>Subtotal Recurring</i>		0.021		0.035		0.060		0.041		1.160		2.471	
NonRecurring													
2.2.1) Non-recurring Engineering - Organic	-	0.012	-	0.012	-	0.012	-	0.012	-	0.001	-	0.088	
<i>Subtotal NonRecurring</i>		0.012		0.012		0.012		0.012		0.001		0.088	
Total, P3a JPATS CORRECTION OF DEFICIENCIES (OSIP 011-04)	284	1.409	193	1.291	156	1.261	142	1.169	3,337	23.358	7,122	44.367	
Total, All Modifications		1.409		1.291		1.261		1.169		23.358		44.367	
Support													
3.1) ECO	-	0.021	-	0.150	-	0.170	-	0.200	-	-	-	0.544	
3.2) DATA - Publications	-	0.005	-	0.005	-	0.005	-	0.025	-	0.030	-	0.110	
3.3) Training Equipment	4	0.004	4	0.004	4	0.004	4	0.004	86	0.084	220	0.352	

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0571 - JT Primary Acft Trnr Sys (JPATS)	Modification Nomenclature (<i>Modification Title, Modification Number</i>): P3a JPATS CORRECTION OF DEFICIENCIES (OSIP 011-04) - 1

Models of Systems Affected: T-6 A/B T-6 A/B	Type Modification: PS Safety	Related RDT&E PEs:
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
3.4) Support Equipment	-	0.002	-	0.002	-	0.002	-	0.002	-	0.006	-	0.021
3.5) ILS	-	0.009	-	0.009	-	0.009	-	0.009	-	0.014	-	0.079
3.6) Other Support	-	0.009	-	0.012	-	0.031	-	0.032	-	0.048	-	0.186
3.7) Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	-
3.8) DAWDF Realignment	-	-	-	-	-	-	-	-	-	-	-	1.894
Total Support Cost		0.050		0.182		0.221		0.272		0.182		3.186
Procurement Cost (Procurement + Support)		1.459		1.473		1.482		1.441		23.540		47.553
Total Installation Cost		0.120		0.133		0.168		0.238		1.000		8.043
Total Cost (Procurement + Support + Installation)		1.579		1.606		1.650		1.679		24.540		55.596

Remarks:

Manufacturer Information: P3a JPATS CORRECTION OF DEFICIENCIES (OSIP 011-04)

Manufacturer Name: Various				Manufacturer Location: Various			
Administrative Leadtime (in Months): 0				Production Leadtime (in Months): 0			
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates							
Delivery Dates							

Installation: P3a JPATS CORRECTION OF DEFICIENCIES (OSIP 011-04)

Method of Implementation: Contractor Field Mod Team

Installation Name: JPATS Correction of Deficiencies

Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	1,355	6.102	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	151	0.002	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	62	0.049	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	187	0.231	0	0.000	187	0.231
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0571 - JT Primary Acft Trnr Sys (JPATS)	Modification Nomenclature (<i>Modification Title, Modification Number</i>): P3a JPATS CORRECTION OF DEFICIENCIES (OSIP 011-04) - 1

Models of Systems Affected: T-6 A/B T-6 A/B	Type Modification: PS Safety	Related RDT&E PEs:
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Installation: P3a JPATS CORRECTION OF DEFICIENCIES (OSIP 011-04)	Method of Implementation: Contractor Field Mod Team	Installation Name: JPATS Correction of Deficiencies
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	1,355	6.102	151	0.002	62	0.049	187	0.231	0	0.000	187	0.231

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	1,355	6.102
FY 2011	-	-	-	-	-	-	-	-	-	-	151	0.002
FY 2012	-	-	-	-	-	-	-	-	-	-	62	0.049
FY 2013	-	-	-	-	-	-	-	-	-	-	187	0.231
FY 2014	221	0.120	-	-	-	-	-	-	-	-	221	0.120
FY 2015	-	-	135	0.133	-	-	-	-	-	-	135	0.133
FY 2016	-	-	-	-	88	0.168	-	-	-	-	88	0.168
FY 2017	-	-	-	-	-	-	81	0.238	-	-	81	0.238
To Complete	-	-	-	-	-	-	-	-	1,927	1.000	1,927	1.000
Total	221	0.120	135	0.133	88	0.168	81	0.238	1,927	1.000	4,207	8.043

Installation Schedule																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	1,355	37	38	38	38	15	17	15	15	46	47	47	47	55	55	55	56	33	34	34	34	22	22	22	22	20	20	20	21	1,927	4,207
Out	1,355	37	38	38	38	15	17	15	15	46	47	47	47	55	55	55	56	33	34	34	34	22	22	22	22	20	20	20	21	1,927	4,207

Installation: P3a JPATS CORRECTION OF DEFICIENCIES (OSIP 011-04)	Method of Implementation: Not Installed - Avionics Upgrade Program (AUP) Spiral I Retrofit	Installation Quantity: 53
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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0571 - JT Primary Acft Trnr Sys (JPATS)	Modification Nomenclature (<i>Modification Title, Modification Number</i>): P3a JPATS CORRECTION OF DEFICIENCIES (OSIP 011-04) - 1
Models of Systems Affected: T-6 A/B T-6 A/B	Type Modification: PS Safety	Related RDT&E PEs:
Installation: P3a JPATS CORRECTION OF DEFICIENCIES (OSIP 011-04)	Method of Implementation: Not Installed - Avionics Obsolescence	Installation Quantity: 294
Installation: P3a JPATS CORRECTION OF DEFICIENCIES (OSIP 011-04)	Method of Implementation: Not Installed - CFIS Redesign	Installation Quantity: 46
Installation: P3a JPATS CORRECTION OF DEFICIENCIES (OSIP 011-04)	Method of Implementation: Not Installed - Cockpit Improvements	Installation Quantity: 101
Installation: P3a JPATS CORRECTION OF DEFICIENCIES (OSIP 011-04)	Method of Implementation: Not Installed - Naval Aircraft Collision Warning System (NACWS) Replacement	Installation Quantity: 48
Installation: P3a JPATS CORRECTION OF DEFICIENCIES (OSIP 011-04)	Method of Implementation: Not Installed - Onboard Oxygen Generating System (OBOGS) Concentrator	Installation Quantity: 45
Installation: P3a JPATS CORRECTION OF DEFICIENCIES (OSIP 011-04)	Method of Implementation: Not Installed - OBOGS Low Pressure Switch	Installation Quantity: 53
Installation: P3a JPATS CORRECTION OF DEFICIENCIES (OSIP 011-04)	Method of Implementation: Not Installed - Power Control Lever (PCL) Cut-Off	Installation Quantity: 10
Installation: P3a JPATS CORRECTION OF DEFICIENCIES (OSIP 011-04)	Method of Implementation: Not Installed - Structural Improvement	Installation Quantity: 67
Installation: P3a JPATS CORRECTION OF DEFICIENCIES (OSIP 011-04)	Method of Implementation: Not Installed - Avionics Upgrade Program (AUP) Spiral II Retrofit	Installation Quantity: 294
Installation: P3a JPATS CORRECTION OF DEFICIENCIES (OSIP 011-04)	Method of Implementation: Not Installed - Avionics Upgrade Program	Installation Quantity: 43
Installation: P3a JPATS CORRECTION OF DEFICIENCIES (OSIP 011-04)	Method of Implementation: Not Installed - Ground Proximity Warning System	Installation Quantity: 293
Installation: P3a JPATS CORRECTION OF DEFICIENCIES (OSIP 011-04)	Method of Implementation: Not Installed - Instrument Training Hood	Installation Quantity: 295

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0571 - JT Primary Acft Trnr Sys (JPATS)	Modification Nomenclature (<i>Modification Title, Modification Number</i>): P3a JPATS CORRECTION OF DEFICIENCIES (OSIP 011-04) - 1
Models of Systems Affected: T-6 A/B T-6 A/B	Type Modification: PS Safety	Related RDT&E PEs:
Installation: P3a JPATS CORRECTION OF DEFICIENCIES (OSIP 011-04)	Method of Implementation: Not Installed - Voice Recorder	Installation Quantity: 293
Installation: P3a JPATS CORRECTION OF DEFICIENCIES (OSIP 011-04)	Method of Implementation: Not Installed - Acceptance of Ground Power	Installation Quantity: 43
Installation: P3a JPATS CORRECTION OF DEFICIENCIES (OSIP 011-04)	Method of Implementation: Not Installed - AFT Fuselage Structural Upgrade	Installation Quantity: 28
Installation: P3a JPATS CORRECTION OF DEFICIENCIES (OSIP 011-04)	Method of Implementation: Not Installed - Anti G Valve	Installation Quantity: 3
Installation: P3a JPATS CORRECTION OF DEFICIENCIES (OSIP 011-04)	Method of Implementation: Not Installed - Anti-Suffocation Valve (ASV) Regulator/Electrical (EL) Panel	Installation Quantity: 98
Installation: P3a JPATS CORRECTION OF DEFICIENCIES (OSIP 011-04)	Method of Implementation: Not Installed - Condensor Blower Motor - Longer Life	Installation Quantity: 49
Installation: P3a JPATS CORRECTION OF DEFICIENCIES (OSIP 011-04)	Method of Implementation: Not Installed - Ejection Mode Selector	Installation Quantity: 49
Installation: P3a JPATS CORRECTION OF DEFICIENCIES (OSIP 011-04)	Method of Implementation: Not Installed - Emergency Locator Transmitter	Installation Quantity: 49
Installation: P3a JPATS CORRECTION OF DEFICIENCIES (OSIP 011-04)	Method of Implementation: Not Installed - Engine Oil Dipstick and Bottle	Installation Quantity: 12
Installation: P3a JPATS CORRECTION OF DEFICIENCIES (OSIP 011-04)	Method of Implementation: Not Installed - Increase Gross Weight	Installation Quantity: 28
Installation: P3a JPATS CORRECTION OF DEFICIENCIES (OSIP 011-04)	Method of Implementation: Not Installed - Life Raft Addition to Ejection Seat	Installation Quantity: 31
Installation: P3a JPATS CORRECTION OF DEFICIENCIES (OSIP 011-04)	Method of Implementation: Not Installed - Main Landing Gear Doors & Bell Crank	Installation Quantity: 177

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0571 - JT Primary Acft Trnr Sys (JPATS)	Modification Nomenclature (<i>Modification Title, Modification Number</i>): P3a JPATS CORRECTION OF DEFICIENCIES (OSIP 011-04) - 1
Models of Systems Affected: T-6 A/B T-6 A/B	Type Modification: PS Safety	Related RDT&E PEs:
Installation: P3a JPATS CORRECTION OF DEFICIENCIES (OSIP 011-04)	Method of Implementation: Not Installed - Nose Wheel Actuator	Installation Quantity: 8
Installation: P3a JPATS CORRECTION OF DEFICIENCIES (OSIP 011-04)	Method of Implementation: Not Installed - Nose Wheel Centering	Installation Quantity: 36
Installation: P3a JPATS CORRECTION OF DEFICIENCIES (OSIP 011-04)	Method of Implementation: Not Installed - Onboard Oxygen Generating System (OBOGS) Upgrades	Installation Quantity: 40
Installation: P3a JPATS CORRECTION OF DEFICIENCIES (OSIP 011-04)	Method of Implementation: Not Installed - Oil Pressure Warning	Installation Quantity: 48
Installation: P3a JPATS CORRECTION OF DEFICIENCIES (OSIP 011-04)	Method of Implementation: Not Installed - Oil Pressure Annunciator System (OPAS) Signal Conditioning Unit	Installation Quantity: 49
Installation: P3a JPATS CORRECTION OF DEFICIENCIES (OSIP 011-04)	Method of Implementation: Not Installed - Sealed Rudder Position Sensor	Installation Quantity: 46
Installation: P3a JPATS CORRECTION OF DEFICIENCIES (OSIP 011-04)	Method of Implementation: Not Installed - Supplemental Oxygen System	Installation Quantity: 5
Installation: P3a JPATS CORRECTION OF DEFICIENCIES (OSIP 011-04)	Method of Implementation: Not Installed - Trim System Redesign	Installation Quantity: 135
Installation: P3a JPATS CORRECTION OF DEFICIENCIES (OSIP 011-04)	Method of Implementation: Not Installed - Universal Water Activated Release Sys Addition to Ejection Seat	Installation Quantity: 7
Installation: P3a JPATS CORRECTION OF DEFICIENCIES (OSIP 011-04)	Method of Implementation: Not Installed - VHF Radio (Audio Volume)	Installation Quantity: 39
Installation: P3a JPATS CORRECTION OF DEFICIENCIES (OSIP 011-04)	Method of Implementation: Not Installed - Training Equipment	Installation Quantity: 220

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Exhibit P-40, Budget Item Justification Sheet: PB 2013 Navy **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity:
1506N : Aircraft Procurement, Navy / BA 5 : Modification of Aircraft / BSA 1 : Modification Of Aircraft

P-1 Line Item Nomenclature:
0575 - Aviation Life Support Mods

ID Code (A=Service Ready, B=Not Service Ready) : A **Program Elements for Code B Items:** **Other Related Program Elements:**

Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	14.542	2.967	1.069	2.473	-	2.473	6.275	6.705	5.908	6.009	0.000	45.948
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	14.542	2.967	1.069	2.473	-	2.473	6.275	6.705	5.908	6.009	0.000	45.948
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	14.542	2.967	1.069	2.473	-	2.473	6.275	6.705	5.908	6.009	0.000	45.948

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

This line item funds the installation of the new aircraft endurance modifications in legacy non-ejection seat equipped aircraft due to extended range missions. Installation of the Joint Helmet Mounted Cueing System (JHMCS) night mission Electronic Control Unit (ECU) into tactical aircraft. The ECU works with the JHMCS night vision system to provide the ability to cue and display weapons and sensors at night using Night Vision Devices (NVD) that integrate JHMCS cueing, display symbology, and scene viewed through NVD. Also funds the installation of the crashworthy troop and gunner seats for fielded MH-60S aircraft.

Item Schedule		ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
004-09 Non Ejection Seat Endurance - 1	P3A		-	-	2.275	-	-	1.496	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000
007-10 Joint Helmet Mounted Cueing Systems (JHMCS) - 2	P3A		-	-	1.483	-	-	1.471	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000
030-12 Crashworthy Troop Seats - 3	P3A		-	-	0.000	-	-	0.000	-	-	1.069	-	-	2.473	-	-	0.000	-	-	2.473
Inactive OSIPs - 4	P3A		-	-	10.784	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000
Total Gross/Weapon System Cost					14.542			2.967			1.069			2.473			-			2.473

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Exhibit P-40, Budget Item Justification Sheet: PB 2013 Navy **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 1506N : Aircraft Procurement, Navy / BA 5 : Modification of Aircraft / BSA 1 : Modification Of Aircraft **P-1 Line Item Nomenclature:** 0575 - Aviation Life Support Mods

ID Code (A=Service Ready, B=Not Service Ready) : A **Program Elements for Code B Items:** **Other Related Program Elements:**

Item Nomenclature*	Exhibits	ID CD	FY 2014			FY 2015			FY 2016			FY 2017			To Complete			Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
004-09 Non Ejection Seat Endurance - 1	P3A		-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	3.771
007-10 Joint Helmet Mounted Cueing Systems (JHMCS) - 2	P3A		-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	2.954
030-12 Crashworthy Troop Seats - 3	P3A		-	-	6.275	-	-	6.705	-	-	5.908	-	-	6.009	-	-	0.000	-	-	28.439
Inactive OSIPs - 4	P3A		-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	10.784
Total Gross/Weapon System Cost					6.275			6.705			5.908			6.009			0.000			45.948

*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.

Justification:

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Exhibit P-3A, Individual Modification: PB 2013 Navy								Date: February 2012				
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0575 - Aviation Life Support Mods				Modification Nomenclature (<i>Modification Title, Modification Number</i>): 004-09 Non Ejection Seat Endurance - 1				
Models of Systems Affected: H-53, UH-1, AH-1, H-60B/F/R/S, MV-22, E-2, C-2A			Type Modification: SAFETY				Related RDT&E PEs:					

Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	2.275	1.496	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.771
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	2.275	1.496	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.771
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	2.275	1.496	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.771

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

Introduce new cushion systems into "non-ejection" aircraft with phase changing textiles to reduce-eliminate significant aircrew fatigue due to longer mission requirements. There are no intallation costs, the seat cushions are being replaced by Organizational Level during scheduled inspections. CNO, N883 Letter Serial N883/6U876755 dated 3 Aug 06 documents the Ejection Seat Endurance / Non-Ejection Seat Endurance requirement.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: Milestone C occured 1st quarter FY11.

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Exhibit P-3A, Individual Modification: PB 2013 Navy										Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0575 - Aviation Life Support Mods						Modification Nomenclature (<i>Modification Title, Modification Number</i>): 004-09 Non Ejection Seat Endurance - 1			
Models of Systems Affected: H-53, UH-1, AH-1, H-60B/F/R/S, MV-22, E-2, C-2A				Type Modification: SAFETY				Related RDT&E PEs:					
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
004-09 Non Ejection Seat Endurance													
B Kits													
Recurring													
2.1.1) H-53 Equip (2 per a/c) - Organic	434	0.622	-	-	-	-	-	-	-	-	-	-	
2.1.3) AH-1 Equip (2 per a/c) - Organic	-	-	260	0.378	-	-	-	-	-	-	-	-	
2.1.4) H-60 Equip (2 per a/c) - Organic	564	0.726	-	-	-	-	-	-	-	-	-	-	
2.1.5) MV-22 Equip (2 per a/c) - Organic	-	-	368	0.431	-	-	-	-	-	-	-	-	
2.1.6) E-2 Equip (5 per a/c) - Organic	355	0.252	-	-	-	-	-	-	-	-	-	-	
2.1.8) C-2A Equip (2 per a/c) - Organic	70	0.100	-	-	-	-	-	-	-	-	-	-	
<i>Subtotal Recurring</i>		1.700		0.809		0.000		0.000		0.000		0.000	
NonRecurring													
2.2.1) Installation Equipment N/R - Organic	-	0.307	-	-	-	-	-	-	-	-	-	-	
<i>Subtotal NonRecurring</i>		0.307		0.000		0.000		0.000		0.000		0.000	
<i>Total, 004-09 Non Ejection Seat Endurance</i>	1,423	2.007	628	0.809	-	-	-	-	-	-	-	-	
<i>Total, All Modifications</i>		2.007		0.809		0.000		0.000		0.000		0.000	
Support													
3.1) Engineering Change Orders	-	0.000	-	-	-	-	-	-	-	-	-	-	
3.2) Data	-	0.000	-	-	-	-	-	-	-	-	-	-	
3.3) Training Equipment	-	0.000	-	-	-	-	-	-	-	-	-	-	
3.4) Support Equipment	-	0.000	-	-	-	-	-	-	-	-	-	-	
3.5) ILS	-	0.067	-	0.184	-	-	-	-	-	-	-	-	
3.6) Other Support	-	0.201	-	0.503	-	-	-	-	-	-	-	-	
3.7) Interim Contractor Support	-	0.000	-	-	-	-	-	-	-	-	-	-	
<i>Total Support Cost</i>		0.268		0.687		0.000		0.000		0.000		0.000	
<i>Procurement Cost (Procurement + Support)</i>		2.275		1.496		0.000		0.000		0.000		0.000	
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000	
Total Cost (Procurement + Support + Installation)		2.275		1.496		0.000		0.000		0.000		0.000	

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0575 - Aviation Life Support Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): 004-09 Non Ejection Seat Endurance - 1
Models of Systems Affected: H-53, UH-1, AH-1, H-60B/F/R/S, MV-22, E-2, C-2A	Type Modification: SAFETY	Related RDT&E PEs:

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
004-09 Non Ejection Seat Endurance												
B Kits												
Recurring												
2.1.1) H-53 Equip (2 per a/c) - Organic	-	-	-	-	-	-	-	-	-	-	434	0.622
2.1.3) AH-1 Equip (2 per a/c) - Organic	-	-	-	-	-	-	-	-	-	-	260	0.378
2.1.4) H-60 Equip (2 per a/c) - Organic	-	-	-	-	-	-	-	-	-	-	564	0.726
2.1.5) MV-22 Equip (2 per a/c) - Organic	-	-	-	-	-	-	-	-	-	-	368	0.431
2.1.6) E-2 Equip (5 per a/c) - Organic	-	-	-	-	-	-	-	-	-	-	355	0.252
2.1.8) C-2A Equip (2 per a/c) - Organic	-	-	-	-	-	-	-	-	-	-	70	0.100
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		2.509
NonRecurring												
2.2.1) Installation Equipment N/R - Organic	-	-	-	-	-	-	-	-	-	-	-	0.307
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		0.307
<i>Total, 004-09 Non Ejection Seat Endurance</i>	-	-	-	-	-	-	-	-	-	-	2,051	2.816
<i>Total, All Modifications</i>		0.000		0.000		0.000		0.000		0.000		2.816
Support												
3.1) Engineering Change Orders	-	-	-	-	-	-	-	-	-	-	-	-
3.2) Data	-	-	-	-	-	-	-	-	-	-	-	-
3.3) Training Equipment	-	-	-	-	-	-	-	-	-	-	-	-
3.4) Support Equipment	-	-	-	-	-	-	-	-	-	-	-	-
3.5) ILS	-	-	-	-	-	-	-	-	-	-	-	0.251
3.6) Other Support	-	-	-	-	-	-	-	-	-	-	-	0.704
3.7) Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		0.000		0.000		0.000		0.000		0.000		0.955
<i>Procurement Cost (Procurement + Support)</i>		0.000		0.000		0.000		0.000		0.000		3.771
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		0.000		0.000		0.000		0.000		0.000		3.771

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0575 - Aviation Life Support Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): 004-09 Non Ejection Seat Endurance - 1
Models of Systems Affected: H-53, UH-1, AH-1, H-60B/F/R/S, MV-22, E-2, C-2A	Type Modification: SAFETY	Related RDT&E PEs:

Remarks:

Manufacturer Information: 004-09 Non Ejection Seat Endurance

Manufacturer Name: Manufacturer Name Not Provided.	Manufacturer Location: Manufacturer Location Not Provided.
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Administrative Leadtime (<i>in Months</i>):	Production Leadtime (<i>in Months</i>):
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Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates							
Delivery Dates							

Installation: 004-09 Non Ejection Seat Endurance	Method of Implementation: Not Installed - H-53 Equip (2 per a/c)	Installation Quantity: 434
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Installation: 004-09 Non Ejection Seat Endurance	Method of Implementation: Not Installed - AH-1 Equip (2 per a/c)	Installation Quantity: 260
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Installation: 004-09 Non Ejection Seat Endurance	Method of Implementation: Not Installed - H-60 Equip (2 per a/c)	Installation Quantity: 564
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Installation: 004-09 Non Ejection Seat Endurance	Method of Implementation: Not Installed - MV-22 Equip (2 per a/c)	Installation Quantity: 368
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Installation: 004-09 Non Ejection Seat Endurance	Method of Implementation: Not Installed - E-2 Equip (5 per a/c)	Installation Quantity: 355
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Installation: 004-09 Non Ejection Seat Endurance	Method of Implementation: Not Installed - C-2A Equip (2 per a/c)	Installation Quantity: 70
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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0575 - Aviation Life Support Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): 007-10 Joint Helmet Mounted Cueing Systems (JHMCS) - 2

Models of Systems Affected: F/A-18 A+, C, D, E, F, EA-18G	Type Modification: OPERATIONAL CAPABILITY IMPROVEMENT	Related RDT&E PEs:
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	1.483	1.471	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.954
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	1.483	1.471	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.954
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	1.483	1.471	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.954

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

JHMCS night mission system compatible electronics packages for tactical aircraft. This product group results in the integration of night vision and cueing capability. The result allows rapid off-bore sight target acquisition during night operations and reduces warfighter/platform risk exposure in a threat environment. Capability Production Document (CPD) for Night Vision Cueing and Display (NVCD), Version 1.0, Increment I dated 17 Sep 2009 documents the requirement.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: JHMCS night mission system NVCD Milestone C was completed on 15 Apr 2010. Engineering Change Proposal (ECP) plan, ECP-MDC-F/A-18-06348, was completed 4th QTR FY09. Effort is completed as of FY11.

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0575 - Aviation Life Support Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): 007-10 Joint Helmet Mounted Cueing Systems (JHMCS) - 2

Models of Systems Affected: F/A-18 A+, C, D, E, F, EA-18G	Type Modification: OPERATIONAL CAPABILITY IMPROVEMENT	Related RDT&E PEs:
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
007-10 Joint Helmet Mounted Cueing Systems (JHMCS)												
B Kits												
Recurring												
2.1.1) F/A-18 Equipment - Organic ⁽¹⁾	17	1.483	-	-	-	-	-	-	-	-	-	-
<i>Subtotal Recurring</i>		1.483		0.000		0.000		0.000		0.000		0.000
<i>Total, 007-10 Joint Helmet Mounted Cueing Systems (JHMCS)</i>	17	1.483	-	-	-	-	-	-	-	-	-	-
<i>Total, All Modifications</i>		1.483		0.000		0.000		0.000		0.000		0.000
Support												
3.1) Engineering Change Orders	-	0.000	-	-	-	-	-	-	-	-	-	-
3.2) Data	-	0.000	-	-	-	-	-	-	-	-	-	-
3.3) Training Equipment	-	0.000	-	-	-	-	-	-	-	-	-	-
3.4) Support Equipment	-	0.000	-	-	-	-	-	-	-	-	-	-
3.5) ILS	-	0.000	-	-	-	-	-	-	-	-	-	-
3.6) Other Support	-	-	-	1.471	-	-	-	-	-	-	-	-
3.7) Interim Contractor Support	-	0.000	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		0.000		1.471		0.000		0.000		0.000		0.000
<i>Procurement Cost (Procurement + Support)</i>		1.483		1.471		0.000		0.000		0.000		0.000
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		1.483		1.471		0.000		0.000		0.000		0.000

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
007-10 Joint Helmet Mounted Cueing Systems (JHMCS)												
B Kits												

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0575 - Aviation Life Support Mods	Modification Nomenclature <i>(Modification Title, Modification Number):</i> 007-10 Joint Helmet Mounted Cueing Systems (JHMCS) - 2

Models of Systems Affected: F/A-18 A+, C, D, E, F, EA-18G		Type Modification: OPERATIONAL CAPABILITY IMPROVEMENT		Related RDT&E PEs:	
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Recurring												
2.1.1) F/A-18 Equipment - Organic ⁽¹⁾	-	-	-	-	-	-	-	-	-	-	17	1.483
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		1.483
<i>Total, 007-10 Joint Helmet Mounted Cueing Systems (JHMCS)</i>	-	-	-	-	-	-	-	-	-	-	17	1.483
<i>Total, All Modifications</i>		0.000		0.000		0.000		0.000		0.000		1.483
Support												
3.1) Engineering Change Orders	-	-	-	-	-	-	-	-	-	-	-	-
3.2) Data	-	-	-	-	-	-	-	-	-	-	-	-
3.3) Training Equipment	-	-	-	-	-	-	-	-	-	-	-	-
3.4) Support Equipment	-	-	-	-	-	-	-	-	-	-	-	-
3.5) ILS	-	-	-	-	-	-	-	-	-	-	-	-
3.6) Other Support	-	-	-	-	-	-	-	-	-	-	-	1.471
3.7) Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		0.000		0.000		0.000		0.000		0.000		1.471
<i>Procurement Cost (Procurement + Support)</i>		0.000		0.000		0.000		0.000		0.000		2.954
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		0.000		0.000		0.000		0.000		0.000		2.954

Remarks:
⁽¹⁾Funding used to upgrade 144 existing units in lieu of procuring 19 new units at a higher cost.

Manufacturer Information: 007-10 Joint Helmet Mounted Cueing Systems (JHMCS)	
Manufacturer Name: New MFG - Name	Manufacturer Location: New MFG - Loc
Administrative Leadtime (in Months): 0	Production Leadtime (in Months): 0

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates							
Delivery Dates							

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0575 - Aviation Life Support Mods	Modification Nomenclature <i>(Modification Title, Modification Number):</i> 007-10 Joint Helmet Mounted Cueing Systems (JHMCS) - 2
Models of Systems Affected: F/A-18 A+, C, D, E, F, EA-18G	Type Modification: OPERATIONAL CAPABILITY IMPROVEMENT	Related RDT&E PEs:
Installation: 007-10 Joint Helmet Mounted Cueing Systems (JHMCS)	Method of Implementation: Not Installed - F/A-18 Equipment	Installation Quantity: 17

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0575 - Aviation Life Support Mods	Modification Nomenclature <i>(Modification Title, Modification Number):</i> 030-12 Crashworthy Troop Seats - 3

Models of Systems Affected: MH-60S	Type Modification: SAFETY	Related RDT&E PEs:
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	0.000	0.000	1.069	2.473	0.000	2.473	6.275	6.705	5.908	6.009	0.000	28.439
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	0.000	0.000	1.069	2.473	0.000	2.473	6.275	6.705	5.908	6.009	0.000	28.439
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	0.000	0.000	1.069	2.473	0.000	2.473	6.275	6.705	5.908	6.009	0.000	28.439

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The currently fielded MH-60S Crashworthy Troop and Gunner Seats were not designed to provide protection (crash force attenuation) for average combat loaded personnel weight. Fielded seats were only designed and tested for the narrow anthropometric range of a 50% male at 175 lbs. and require a maintenance surveillance program to intermittently replace metal wire energy attenuators which experience internal cracks due to metal fatigue over service and shelf lifetime. The replacement of the troop seat and gunner seat with a non-developmental military qualified, crashworthy, in-production seat is low risk and will eliminate the need for lengthy nonrecurring engineering and testing. The replacement seats will improve crashworthy performance by upgrading the current energy attenuator design which is susceptible to metal fatigue failure and will improve survivability of aircrew and passengers during survivable crashes.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: A competitively awarded contract for completion of Non Recurring Engineering (NRE), and production options is anticipated in May 2012. NRE, prototype validation and verification will be performed in FY 2013-2014 and production installs will commence in FY2013. Planned procurement quantities are (135) Troop Seats in FY13, (160) Gunner Seats in FY14, (180) Gunner Seats in FY15, (152) Gunner Seats in FY16, and (52) Gunner Seats in FY17.

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Exhibit P-3A, Individual Modification: PB 2013 Navy										Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1					P-1 Line Item Nomenclature: 0575 - Aviation Life Support Mods					Modification Nomenclature (<i>Modification Title, Modification Number</i>): 030-12 Crashworthy Troop Seats - 3			
Models of Systems Affected: MH-60S				Type Modification: SAFETY				Related RDT&E PEs:					
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
030-12 Crashworthy Troop Seats													
A Kits													
Recurring													
1.1.1) MH-60S Gunner's Seat Kit - Organic													
	-	-	-	-	-	-	-	-	-	-	-	-	
1.1.2) MH-60S Troop Seat Kit - Organic													
	-	-	-	-	-	-	15	0.180	-	-	15	0.180	
<i>Subtotal Recurring</i>													
		0.000		0.000		0.000		0.180		0.000		0.180	
B Kits													
Recurring													
2.1.1) MH-60S Gunner's Seat Equip - Organic													
	-	-	-	-	-	-	-	-	-	-	-	-	
2.1.2) MH-60S Troop Seat Equip - Organic													
	-	-	-	-	-	-	135	0.460	-	-	135	0.460	
<i>Subtotal Recurring</i>													
		0.000		0.000		0.000		0.460		0.000		0.460	
NonRecurring													
2.2.1) Installation Equipment N/R - Organic													
	-	-	-	-	-	0.500	-	0.600	-	-	-	0.600	
<i>Subtotal NonRecurring</i>													
		0.000		0.000		0.500		0.600		0.000		0.600	
<i>Total, 030-12 Crashworthy Troop Seats</i>													
	-	-	-	-	-	0.500	150	1.240	-	-	150	1.240	
<i>Total, All Modifications</i>													
		0.000		0.000		0.500		1.240		0.000		1.240	
Support													
3.1) Engineering Change Orders													
	-	0.000	-	-	-	-	-	-	-	-	-	-	
3.2) Data													
	-	-	-	-	-	0.030	-	0.070	-	-	-	0.070	
3.3) Training Equipment													
	-	0.000	-	-	-	-	-	-	-	-	-	-	
3.4) Support Equipment													
	-	0.000	-	-	-	-	-	-	-	-	-	-	
3.5) ILS													
	-	-	-	-	-	0.145	-	0.105	-	-	-	0.105	
3.6) Other Support													
	-	-	-	-	-	0.394	-	1.058	-	-	-	1.058	
3.7) Interim Contractor Support													
	-	0.000	-	-	-	-	-	-	-	-	-	-	
<i>Total Support Cost</i>													
		0.000		0.000		0.569		1.233		0.000		1.233	
<i>Procurement Cost (Procurement + Support)</i>													
		0.000		0.000		1.069		2.473		0.000		2.473	
<i>Total Installation Cost</i>													
		0.000		0.000		0.000		0.000		0.000		0.000	
Total Cost (Procurement + Support + Installation)													
		0.000		0.000		1.069		2.473		0.000		2.473	

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Exhibit P-3A, Individual Modification: PB 2013 Navy									Date: February 2012				
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0575 - Aviation Life Support Mods					Modification Nomenclature (<i>Modification Title, Modification Number</i>): 030-12 Crashworthy Troop Seats - 3				
Models of Systems Affected: MH-60S			Type Modification: SAFETY					Related RDT&E PEs:					
Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
030-12 Crashworthy Troop Seats													
A Kits													
Recurring													
1.1.1) MH-60S Gunner's Seat Kit - Organic	80	1.760	90	2.014	76	1.729	26	0.602	-	-	272	6.105	
1.1.2) MH-60S Troop Seat Kit - Organic	-	-	-	-	-	-	-	-	-	-	15	0.180	
<i>Subtotal Recurring</i>		1.760		2.014		1.729		0.602		0.000		6.285	
B Kits													
Recurring													
2.1.1) MH-60S Gunner's Seat Equip - Organic	160	3.520	180	4.027	152	3.459	52	1.203	-	-	544	12.209	
2.1.2) MH-60S Troop Seat Equip - Organic	-	-	-	-	-	-	-	-	-	-	135	0.460	
<i>Subtotal Recurring</i>		3.520		4.027		3.459		1.203		0.000		12.669	
NonRecurring													
2.2.1) Installation Equipment N/R - Organic	-	-	-	-	-	-	-	-	-	-	-	1.100	
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		1.100	
<i>Total, 030-12 Crashworthy Troop Seats</i>	240	5.280	270	6.041	228	5.188	78	1.805	-	-	966	20.054	
<i>Total, All Modifications</i>		5.280		6.041		5.188		1.805		0.000		20.054	
Support													
3.1) Engineering Change Orders	-	-	-	-	-	-	-	-	-	-	-	-	
3.2) Data	-	-	-	-	-	-	-	-	-	-	-	0.100	
3.3) Training Equipment	-	-	-	-	-	-	-	-	-	-	-	-	
3.4) Support Equipment	-	-	-	-	-	-	-	-	-	-	-	-	
3.5) ILS	-	0.224	-	0.208	-	0.208	-	1.997	-	-	-	2.887	
3.6) Other Support	-	0.771	-	0.456	-	0.512	-	2.207	-	-	-	5.398	
3.7) Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	-	
<i>Total Support Cost</i>		0.995		0.664		0.720		4.204		0.000		8.385	
<i>Procurement Cost (Procurement + Support)</i>		6.275		6.705		5.908		6.009		0.000		28.439	
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000	
Total Cost (Procurement + Support + Installation)		6.275		6.705		5.908		6.009		0.000		28.439	

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0575 - Aviation Life Support Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): 030-12 Crashworthy Troop Seats - 3
Models of Systems Affected: MH-60S	Type Modification: SAFETY	Related RDT&E PEs:

Remarks:

Manufacturer Information: 030-12 Crashworthy Troop Seats

Manufacturer Name: Manufacturer Name Not Provided.	Manufacturer Location: Manufacturer Location Not Provided.
Administrative Leadtime (<i>in Months</i>):	Production Leadtime (<i>in Months</i>):

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates							
Delivery Dates							

Installation: 030-12 Crashworthy Troop Seats	Method of Implementation: Not Installed - MH-60S Gunner's Seat Kit	Installation Quantity: 272
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Installation: 030-12 Crashworthy Troop Seats	Method of Implementation: Not Installed - MH-60S Troop Seat Kit	Installation Quantity: 15
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Installation: 030-12 Crashworthy Troop Seats	Method of Implementation: Not Installed - MH-60S Gunner's Seat Equip	Installation Quantity: 544
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Installation: 030-12 Crashworthy Troop Seats	Method of Implementation: Not Installed - MH-60S Troop Seat Equip	Installation Quantity: 135
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Exhibit P-3A, Individual Modification: PB 2013 Navy							Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0575 - Aviation Life Support Mods				Modification Nomenclature (<i>Modification Title, Modification Number</i>): Inactive OSIPs - 4				

Models of Systems Affected: [No Model Specified] **Type Modification:** [No Modification Type Specified] **Related RDT&E PEs:**

Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	10.784	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	10.784
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	10.784	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	10.784
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	10.784	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	10.784

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0575 - Aviation Life Support Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Inactive OSIPs - 4

Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs:
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
Inactive OSIPs												
B Kits												
NonRecurring												
1.1.1) Inactive OSIPs - Organic	-	10.784	-	-	-	-	-	-	-	-	-	-
<i>Subtotal NonRecurring</i>		10.784		0.000		0.000		0.000		0.000		0.000
<i>Total, Inactive OSIPs</i>	-	10.784	-	-	-	-	-	-	-	-	-	-
<i>Total, All Modifications</i>		10.784		0.000		0.000		0.000		0.000		0.000
<i>Procurement Cost (Procurement + Support)</i>		10.784		0.000		0.000		0.000		0.000		0.000
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		10.784		0.000		0.000		0.000		0.000		0.000

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
Inactive OSIPs												
B Kits												
NonRecurring												
1.1.1) Inactive OSIPs - Organic	-	-	-	-	-	-	-	-	-	-	-	10.784
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		10.784
<i>Total, Inactive OSIPs</i>	-	-	-	-	-	-	-	-	-	-	-	10.784
<i>Total, All Modifications</i>		0.000		0.000		0.000		0.000		0.000		10.784
<i>Procurement Cost (Procurement + Support)</i>		0.000		0.000		0.000		0.000		0.000		10.784
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		0.000		0.000		0.000		0.000		0.000		10.784

Remarks:

Manufacturer Information: Inactive OSIPs

Manufacturer Name: Manufacturer Name Not Provided. Manufacturer Location: Manufacturer Location Not Provided.

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Exhibit P-3A, Individual Modification: PB 2013 Navy						Date: February 2012	
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1			P-1 Line Item Nomenclature: 0575 - Aviation Life Support Mods			Modification Nomenclature (<i>Modification Title, Modification Number</i>): Inactive OSIPs - 4	
Models of Systems Affected: [No Model Specified]		Type Modification: [No Modification Type Specified]			Related RDT&E PEs:		
Manufacturer Information: Inactive OSIPs							
Administrative Leadtime (<i>in Months</i>):				Production Leadtime (<i>in Months</i>):			
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates							
Delivery Dates							
Installation: Inactive OSIPs							
Method of Implementation: No Quantities Associated with Install				Installation Quantity: 0			

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Exhibit P-40, Budget Item Justification Sheet: PB 2013 Navy **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity:
 1506N : Aircraft Procurement, Navy / BA 5 : Modification of Aircraft / BSA 1 :
 Modification Of Aircraft

P-1 Line Item Nomenclature:
 0576 - Common ECM Equipment

ID Code (A=Service Ready, B=Not Service Ready) : A **Program Elements for Code B Items:** **Other Related Program Elements:**

Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	1,370.495	52.842	87.972	114.690	-	114.690	143.770	148.367	162.444	165.256	1,166.124	3,411.960
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	1,370.495	52.842	87.972	114.690	-	114.690	143.770	148.367	162.444	165.256	1,166.124	3,411.960
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	1,370.495	52.842	87.972	114.690	-	114.690	143.770	148.367	162.444	165.256	1,166.124	3,411.960

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

This line item funds common Electronic Countermeasures (ECM) equipment (B kits) for multiple aircraft. The overall goal of the modification budget is to provide a reprogrammable radar and missile warning system, provide attacking missile declaration and sector direction finding, laser detection, and self protection capability devices to applicable user aircraft.

72-88 AAR-47: FY09 Overseas Contingency Operations (OCO) supplemental and FY10 OCO supplemental will fund procurement of 950 AAR-47 B(V)2 retrofit kits. FY12 OCO will provide funding for the Class 1 Engineering Change Proposal (ECP) to the Computer Processor Unit (CPU), to address obsolescence and provide sensor reprogramming ability.

14-90 AN/APR-39(V)2: FY10 supplemental funding will complete the Class I Engineering Change Proposal (ECP) and cover deferred tasks, which includes (8) first-article shipsets for testing, APR-39 / AAR-47 software refinement, follow on test and evaluation (FOT&E) to validate solutions and platform test and integration to support all current Radar Warning Receiver (RWR) and Assault platforms using Aircraft Survivability Equipment (ASE).

06-00 ALE-39 to 47 Retrofit: FY09/FY10 OCO funds were also provided to procure AN/ALE-47 breach plates for CH-46, MV-22 and F/A-18 C/D lots 18-21 to provide more reliable countermeasures dispensing and ensure accurate onboard inventory reporting. FY-10 OCO funding is provided for additional dispensers/pods to increase mission duration and survivability for CH-53D/E. The FY10 OCO funds will provide for the procurement of additional production CH-53 Dual Dispenser Pods and the Non-Recurring Engineering/installation to increase the expendables capacity from 120 to 240. FY10 OCO funding is also provided to procure new AN/ALE-47 Test Sets (ALM-290) for F/A-18C/D, MV-22, HH-60 and P-3 to replace original version ALM-286 Test Sets that cannot declare ALE-47 as full mission capable due to the limitations of older system design.

07-03 IDECM: The Integrated Defensive Electronic Countermeasure (IDECM) Radio Frequency Countermeasure (RFCM) consists of an Onboard Electronic Countermeasure Set (ALQ-214), an Electronic Frequency Converter (EFC), an Improved Multi Platform Launch Controller (IMPLC) and Fiber Optic Towed Decoy (FOTD) that improves the survivability of aircraft against modern Radio Frequency (RF) threats. This OSIP procures the ALQ-214 and the EFC.

05-08 DIRCM: This OSIP will provide currently available technology improvements to survivability to USMC aircraft operating in support of Operation Iraqi Freedom (OIF) and Operation Enduring Freedom (OEF). FY2009 through FY2011 OCO funding will be used to procure A-Kits and B-kits, along with program support.

11-11 UC-35D ASE "A" kits is an Southwest Asia Marine Expeditionary Force (MEF) Commanders lack light Operational Support Aircraft (OSA) lift assets capable of operating in threat Surface To Air Missile (SAM) environments of Southwest Asia (i.e. Iraq, Afghanistan).

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Exhibit P-40, Budget Item Justification Sheet: PB 2013 Navy **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 1506N : Aircraft Procurement, Navy / BA 5 : Modification of Aircraft / BSA 1 : Modification Of Aircraft	P-1 Line Item Nomenclature: 0576 - Common ECM Equipment
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ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:
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04-12 Common On-Board Jammer: IDECM Block 4 is an Engineering Change Proposal (ECP) to the ALQ-214 intended to render it suitable for operation on the F/A-18C/D aircraft, while retaining all IDECM suite functionality when installed on F/A-18E/F aircraft. The Electronic Frequency Converter (EFC) enables dataflow via the fiber optic cable to the Fiber Optic Towed Decoy (FOTD) and is part of the IB-4 configuration when installed on the F/A-18E/F aircraft. This OSIP procures the ALQ-214 and the EFC.

17-12 Correction of Discrepancies: This OSIP will provide the required correction to multiple sub components that are obsolete.

06-14 Joint Allied Threat and Awareness System (JATAS): JATAS provides missile, laser, and hostile fire warning capability that can improve aircrew situational awareness and cue a Directed Infrared Countermeasure (DIRCM) and/or flares to counter evolving infrared (IR) guided missile threats. It will be installed on the MV-22B (lead platform), AH-1Z, UH-1Y, MH-60R/S, and CH-53K aircraft. Funding for this OSIP will start in FY14.

Item Schedule		ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
AN/AAR-47 DETECTION (OSIP 072-88) - 1	P3A		-	-	425.914	-	-	0.000	-	-	24.200	-	-	0.000	-	-	0.000	-	-	0.000
AN/APR-39(V)2 RWR (OSIP 014-90) - 2	P3A		-	-	215.466	-	-	0.000	-	-	10.900	-	-	18.858	-	-	0.000	-	-	18.858
ALE-39 TO ALE-47 RETROFIT (OSIP 006-00) - 3	P3A		-	-	157.312	-	-	2.977	-	-	6.062	-	-	5.617	-	-	0.000	-	-	5.617
INTEGRATED DEFENSIVE ELECTRONIC CM (IDECM) 007-03) - 4	P3A		-	-	249.263	-	-	18.845	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000
DIRECTED INFRARED COUNTERMEASURE DoN LAIRCM (OSIP 005-08) - 5	P3A		-	-	317.512	-	-	27.320	-	-	6.343	-	-	32.855	-	-	0.000	-	-	32.855
UC-35D AIRCRAFT SURVIVABILITY EQUIPMENT (ASE) (OSIP 011-11). - 6	P3A		-	-	0.000	-	-	3.700	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000
COMMON ON-BOARD JAMMER (OBJ)(OSIP 004-12) - 7	P3A		-	-	0.000	-	-	0.000	-	-	40.272	-	-	57.067	-	-	0.000	-	-	57.067
Corrections of Discrepancies (OSIP 017-12) - 8	P3A		-	-	0.000	-	-	0.000	-	-	0.195	-	-	0.293	-	-	0.000	-	-	0.293
06-14 Joint Allied Threat and Awareness System (JATAS): - 9	P3A		-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000
Inactive OSIPs - 10	P3A		-	-	5.028	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000
Total Gross/Weapon System Cost					1,370.495			52.842			87.972			114.690			-			114.690

UNCLASSIFIED

Exhibit P-40, Budget Item Justification Sheet: PB 2013 Navy **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity:
 1506N : Aircraft Procurement, Navy / BA 5 : Modification of Aircraft / BSA 1 :
 Modification Of Aircraft

P-1 Line Item Nomenclature:
 0576 - Common ECM Equipment

ID Code (A=Service Ready, B=Not Service Ready) : A **Program Elements for Code B Items:** **Other Related Program Elements:**

Item Nomenclature*	Exhibits	ID CD	FY 2014			FY 2015			FY 2016			FY 2017			To Complete			Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
AN/AAR-47 DETECTION (OSIP 072-88) - 1	P3A		-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	450.114
AN/APR-39(V)2 RWR (OSIP 014-90) - 2	P3A		-	-	20.075	-	-	10.554	-	-	0.000	-	-	0.000	-	-	0.000	-	-	275.853
.ALE-39 TO ALE-47 RETROFIT (OSIP 006-00) - 3	P3A		-	-	5.462	-	-	5.768	-	-	5.600	-	-	0.000	-	-	0.000	-	-	188.798
INTEGRATED DEFENSIVE ELECTRONIC CM (IDECM) 007-03) - 4	P3A		-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	268.108
DIRECTED INFRARED COUNTERMEASURE DoN LAIRCM (OSIP 005-08) - 5	P3A		-	-	15.976	-	-	11.729	-	-	3.325	-	-	3.572	-	-	0.000	-	-	418.632
UC-35D AIRCRAFT SURVIVABILITY EQUIPMENT (ASE) (OSIP 011-11). - 6	P3A		-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	3.700
COMMON ON-BOARD JAMMER (OBJ)(OSIP 004-12) - 7	P3A		-	-	84.305	-	-	102.388	-	-	133.449	-	-	51.569	-	-	156.382	-	-	625.432
Corrections of Discrepancies (OSIP 017-12) - 8	P3A		-	-	0.341	-	-	0.341	-	-	0.489	-	-	0.499	-	-	0.000	-	-	2.158
06-14 Joint Allied Threat and Awareness System (JATAS): - 9	P3A		-	-	17.611	-	-	17.587	-	-	19.581	-	-	109.616	-	-	1,009.742	-	-	1,174.137
Inactive OSIPs - 10	P3A		-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	5.028
Total Gross/Weapon System Cost					143.770			148.367			162.444			165.256			1,166.124			3,411.960

*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.

Justification:

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0576 - Common ECM Equipment	Modification Nomenclature (Modification Title, Modification Number): AN/AAR-47 DETECTION (OSIP 072-88) - 1

Models of Systems Affected: AH-1W/Z, UH-1N/Y, CH-53D/E, HH-60H, SH-60B, MH-60R/S, P-3/P-3AIP, KC-130F/R/T/J, CH-46E, MV-22	Type Modification: MISSION CAPABILITY	Related RDT&E PEs:
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	425.914	0.000	24.200	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	450.114
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	425.914	0.000	24.200	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	450.114
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	425.914	0.000	24.200	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	450.114

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

DESCRIPTION/JUSTIFICATION: The AN/AAR-47 warns of approaching missiles by detecting radiation associated with rocket motors and automatically initiates flare ejection. Detection algorithms are used to discriminate against non-approaching radiation sources. The AN/AAR-47 was a passive missile approach warning system consisting of four sensor assemblies housed in two or more sensor domes, a central processor unit and a control indicator. The AN/AAR-47 provides attacking missile declaration and sector direction finding as will be interfaced directly to the ALE-39/47 countermeasures dispenser. Without the AAR-47, helicopters and fixed wing aircraft have no capability to detect an infrared missile attack. Supplemental funds were received in FY 07 to provide AAR-47B(V)2 Probability of Detection Improvement Engineering Change Proposal (ECP) Retrofit Program. Current deployed system has performance limitations in certain OCO operating environments; the ECP supports USMC Urgent Need Statement (UNS) #03606UC. FY 09 and FY10 OCO supplemental funded a Class I ECP and improved Missile Warning capabilities in support of Urgent Needs Statement USN #03606UC for USN/USMC Assault Aircraft. Fielded Missile Warning System (MWS) has performance limitations in certain OCO operational environments. USN/USMC assault aircraft will continue to be susceptible to the Man-portable Air Defense (MANPAD) threat in certain operating environments.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: Milestone II was passed in 1982. OPEVAL (on the CH-53E) was passed in October 1986. Milestone III was passed in May 1987 for full production with extension of application to all other platforms. Production of 709 systems and preparation of a Level III data package followed, with deliveries completed in early 1992. Under full and open competition, a contract for up to 1200 systems was awarded to Hercules (now Alliant) in December 1991. Actual orders were for Lockheed Martin in September 1995. Deliveries began in January 1997 and were completed in July 1999. There are two upgrade programs: The Computer Processor (CP) Microprocessor upgrade program FY97-FY99 replaced the 8086 MP board with an MP 80486 Board with new software to enhance threat declaration and to better control false alarms. The second Upgrade; AAR-47(V)2 Sensor upgrade, contained two phases; Phase one upgraded the UV sensors with a solid state spectral filter assembly with embedded Laser warning capability. Phase two incorporated a Class I Sensor ECP (Dynamic Blanking) which upgraded the AAR-47(V)2 Sensors to the AAR-47A(V)2 sensor design. Due to the current operational environment a third Sensor Class I ECP is required which improves probability of detection in the current theaters of operation. The FY07 Supplemental funded the procurement of 5 First Article Test units for USMC/USN/USAF Operational Assessment and the accelerated development of a Class I ECP for AAR-47B(V)2 for multiple T/M/S and delivery of 300 PDX upgrade kits consisting of four sensors and one CP unit. This is an O-level replacement with the existing sensors being sent to the contractor, upgraded and then sent back to the fleet. The AAR-47B(V)2 reached IOC status in October 2008. Congressional Add funds provided in FY08 funded the Operational Flight Software for the Hostile Fire Indication (HFI) Capability. FY08 supplemental funds are a payback for utilization of AAR-47 baseline budget for OCO requirements. FY09 and FY10 OCO supplemental funds procured 950 AAR-47 B(V)2 retrofit kits. Congressional Add funds provided in FY09 and FY10 funded the AAR47 Operator Interface and the continued HFI Capability effort. FY-12 OCO provides funding for a Class I ECP to provide Computer Processor (CP) upgrade, improvements to B(V)2 processing for improved performance in Pd and FAR, and address obsolescence issues in the AAR-47.

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0576 - Common ECM Equipment	Modification Nomenclature <i>(Modification Title, Modification Number):</i> AN/AAR-47 DETECTION (OSIP 072-88) - 1
Models of Systems Affected: AH-1W/Z, UH-1N/Y, CH-53D/E, HH-60H, SH-60B, MH-60R/S, P-3/P-3AIP, KC-130F/R/T/J, CH-46E, MV-22	Type Modification: MISSION CAPABILITY	Related RDT&E PEs:

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0576 - Common ECM Equipment	Modification Nomenclature (<i>Modification Title, Modification Number</i>): AN/AAR-47 DETECTION (OSIP 072-88) - 1

Models of Systems Affected: AH-1W/Z, UH-1N/Y, CH-53D/E, HH-60H, SH-60B, MH-60R/S, P-3/P-3AIP, KC-130F/R/T/J, CH-46E, MV-22	Type Modification: MISSION CAPABILITY	Related RDT&E PEs:
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
AN/AAR-47 DETECTION (OSIP 072-88)												
A Kits												
Recurring												
1.1.1) OCO AAR-47B(V)2 Retrofit Kits - Organic	1,160	57.215	-	-	-	-	-	-	-	-	-	-
<i>Subtotal Recurring</i>		57.215		0.000		0.000		0.000		0.000		0.000
B Kits												
Recurring												
2.1.1) SENSOR UPGRADE EQUIPMENT - Organic	1,836	53.828	-	-	-	-	-	-	-	-	-	-
2.1.2) OCO Sensor Upgrade Equip - Organic	-	2.348	-	-	-	-	-	-	-	-	-	-
2.1.3) FY05 OCO CP Upgrade Equip - Organic	1	0.308	-	-	-	10.410	-	-	-	-	-	-
2.1.4) FY05 OCO Sensor Upgrade Equip - Organic	98	3.672	-	-	-	-	-	-	-	-	-	-
2.1.5) FY06 Title 9 OCO Dynamic Blk - Organic	4	8.100	-	-	-	-	-	-	-	-	-	-
2.1.6) FY07 Title 9 OCO (PDX) - Organic	-	30.208	-	-	-	-	-	-	-	-	-	-
2.1.7) AAR-47 INSTALL EQUIP - Organic	1,250	90.223	-	-	-	-	-	-	-	-	-	-
2.1.8) FY04 Title 9 OCO Sensor Upgrade - Organic	151	11.285	-	-	-	-	-	-	-	-	-	-
2.1.9) FY10 Cong Add CP Upgrade Equip - Organic	-	2.000	-	-	-	-	-	-	-	-	-	-
<i>Subtotal Recurring</i>		201.972		0.000		10.410		0.000		0.000		0.000
NonRecurring												
2.2.1) Installation Equipment N/R - Organic	-	24.579	-	-	-	-	-	-	-	-	-	-
<i>Subtotal NonRecurring</i>		24.579		0.000		0.000		0.000		0.000		0.000
<i>Total, AN/AAR-47 DETECTION (OSIP 072-88)</i>	4,500	283.766	-	-	-	10.410	-	-	-	-	-	-
<i>Total, All Modifications</i>		283.766		0.000		10.410		0.000		0.000		0.000
Support												
3.1) Engineering Change Orders	-	0.000	-	-	-	-	-	-	-	-	-	-
3.2) CP UPGRADE EQUIP	-	7.679	-	-	-	-	-	-	-	-	-	-

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0576 - Common ECM Equipment	Modification Nomenclature (<i>Modification Title, Modification Number</i>): AN/AAR-47 DETECTION (OSIP 072-88) - 1

Models of Systems Affected: AH-1W/Z, UH-1N/Y, CH-53D/E, HH-60H, SH-60B, MH-60R/S, P-3/P-3AIP, KC-130F/R/T/J, CH-46E, MV-22	Type Modification: MISSION CAPABILITY	Related RDT&E PEs:
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
3.3) OCO CP UPGRADE EQUIP	-	-	-	-	-	4.500	-	-	-	-	-	-
3.4) Dynamic Blanking	-	1.903	-	-	-	-	-	-	-	-	-	-
3.5) FY05 OCO Dynamic Blanking	-	8.921	-	-	-	-	-	-	-	-	-	-
3.6) FY04 Title 9 OCO Dynamic Blanking	-	0.572	-	-	-	-	-	-	-	-	-	-
3.7) FY07 Sup PDX Upgrade Kit	300	18.800	-	-	-	-	-	-	-	-	-	-
3.8) CDP Phase 2	-	2.400	-	-	-	-	-	-	-	-	-	-
3.9) OCO CDP Phase 3	-	1.000	-	-	-	-	-	-	-	-	-	-
3.10) FY08 Cong Add Hostile Fire Operational Flight SW	-	3.973	-	-	-	-	-	-	-	-	-	-
3.11) FY09 Cong Add Hostile Fire Operational Flight SW	-	0.000	-	-	-	-	-	-	-	-	-	-
3.12) OCO Modular Non-volatile Selectable Storage Recorder	-	2.560	-	-	-	-	-	-	-	-	-	-
3.13) OCO UMP Rehosting	-	4.974	-	-	-	-	-	-	-	-	-	-
3.14) FY10 Cong Add Hostile Fire Indicator	-	2.000	-	-	-	-	-	-	-	-	-	-
3.15) Data	-	1.952	-	-	-	-	-	-	-	-	-	-
3.16) OCO Data	-	0.474	-	-	-	-	-	-	-	-	-	-
3.17) Training Equipment	-	0.637	-	-	-	-	-	-	-	-	-	-
3.18) Test Equipment	-	1.848	-	-	-	-	-	-	-	-	-	-
3.19) Support Equipment	-	8.571	-	-	-	-	-	-	-	-	-	-
3.20) OCO Support Equipment	-	0.350	-	-	-	-	-	-	-	-	-	-
3.21) OCO Background Data Recording Card	-	2.542	-	-	-	-	-	-	-	-	-	-
3.22) ILS	-	5.582	-	-	-	-	-	-	-	-	-	-
3.23) OCO ILS	-	1.238	-	-	-	0.200	-	-	-	-	-	-
3.24) Other Support	-	51.030	-	-	-	-	-	-	-	-	-	-
3.25) OCO Other Support	-	9.142	-	-	-	9.090	-	-	-	-	-	-
3.26) CONG ADD Other Support	-	4.000	-	-	-	-	-	-	-	-	-	-
3.27) Interim Contractor Support	-	0.000	-	-	-	-	-	-	-	-	-	-
Total Support Cost		142.148		0.000		13.790		0.000		0.000		0.000

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0576 - Common ECM Equipment	Modification Nomenclature (<i>Modification Title, Modification Number</i>): AN/AAR-47 DETECTION (OSIP 072-88) - 1

Models of Systems Affected: AH-1W/Z, UH-1N/Y, CH-53D/E, HH-60H, SH-60B, MH-60R/S, P-3/P-3AIP, KC-130F/R/T/J, CH-46E, MV-22	Type Modification: MISSION CAPABILITY	Related RDT&E PEs:
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
<i>Procurement Cost (Procurement + Support)</i>		425.914		0.000		24.200		0.000		0.000		0.000
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		425.914		0.000		24.200		0.000		0.000		0.000

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
AN/AAR-47 DETECTION (OSIP 072-88)												
A Kits												
Recurring												
1.1.1) OCO AAR-47B(V)2 Retrofit Kits - Organic	-	-	-	-	-	-	-	-	-	-	1,160	57.215
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		57.215
B Kits												
Recurring												
2.1.1) SENSOR UPGRADE EQUIPMENT - Organic	-	-	-	-	-	-	-	-	-	-	1,836	53.828
2.1.2) OCO Sensor Upgrade Equip - Organic	-	-	-	-	-	-	-	-	-	-	-	2.348
2.1.3) FY05 OCO CP Upgrade Equip - Organic	-	-	-	-	-	-	-	-	-	-	1	10.718
2.1.4) FY05 OCO Sensor Upgrade Equip - Organic	-	-	-	-	-	-	-	-	-	-	98	3.672
2.1.5) FY06 Title 9 OCO Dynamic Blk - Organic	-	-	-	-	-	-	-	-	-	-	4	8.100
2.1.6) FY07 Title 9 OCO (PDX) - Organic	-	-	-	-	-	-	-	-	-	-	-	30.208
2.1.7) AAR-47 INSTALL EQUIP - Organic	-	-	-	-	-	-	-	-	-	-	1,250	90.223
2.1.8) FY04 Title 9 OCO Sensor Upgrade - Organic	-	-	-	-	-	-	-	-	-	-	151	11.285
2.1.9) FY10 Cong Add CP Upgrade Equip - Organic	-	-	-	-	-	-	-	-	-	-	-	2.000
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		212.382
NonRecurring												
2.2.1) Installation Equipment N/R - Organic	-	-	-	-	-	-	-	-	-	-	-	24.579

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0576 - Common ECM Equipment	Modification Nomenclature (<i>Modification Title, Modification Number</i>): AN/AAR-47 DETECTION (OSIP 072-88) - 1

Models of Systems Affected: AH-1W/Z, UH-1N/Y, CH-53D/E, HH-60H, SH-60B, MH-60R/S, P-3/P-3AIP, KC-130F/R/T/J, CH-46E, MV-22	Type Modification: MISSION CAPABILITY	Related RDT&E PEs:
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		24.579
<i>Total, AN/AAR-47 DETECTION (OSIP 072-88)</i>	-	-	-	-	-	-	-	-	-	-	4,500	294.176
<i>Total, All Modifications</i>		0.000		0.000		0.000		0.000		0.000		294.176

Support												
3.1) Engineering Change Orders	-	-	-	-	-	-	-	-	-	-	-	-
3.2) CP UPGRADE EQUIP	-	-	-	-	-	-	-	-	-	-	-	7.679
3.3) OCO CP UPGRADE EQUIP	-	-	-	-	-	-	-	-	-	-	-	4.500
3.4) Dynamic Blanking	-	-	-	-	-	-	-	-	-	-	-	1.903
3.5) FY05 OCO Dynamic Blanking	-	-	-	-	-	-	-	-	-	-	-	8.921
3.6) FY04 Title 9 OCO Dynamic Blanking	-	-	-	-	-	-	-	-	-	-	-	0.572
3.7) FY07 Sup PDX Upgrade Kit	-	-	-	-	-	-	-	-	-	-	300	18.800
3.8) CDP Phase 2	-	-	-	-	-	-	-	-	-	-	-	2.400
3.9) OCO CDP Phase 3	-	-	-	-	-	-	-	-	-	-	-	1.000
3.10) FY08 Cong Add Hostile Fire Operational Flight SW	-	-	-	-	-	-	-	-	-	-	-	3.973
3.11) FY09 Cong Add Hostile Fire Operational Flight SW	-	-	-	-	-	-	-	-	-	-	-	-
3.12) OCO Modular Non-volatile Selectable Storage Recorder	-	-	-	-	-	-	-	-	-	-	-	2.560
3.13) OCO UMP Rehosting	-	-	-	-	-	-	-	-	-	-	-	4.974
3.14) FY10 Cong Add Hostile Fire Indicator	-	-	-	-	-	-	-	-	-	-	-	2.000
3.15) Data	-	-	-	-	-	-	-	-	-	-	-	1.952
3.16) OCO Data	-	-	-	-	-	-	-	-	-	-	-	0.474
3.17) Training Equipment	-	-	-	-	-	-	-	-	-	-	-	0.637
3.18) Test Equipment	-	-	-	-	-	-	-	-	-	-	-	1.848
3.19) Support Equipment	-	-	-	-	-	-	-	-	-	-	-	8.571
3.20) OCO Support Equipment	-	-	-	-	-	-	-	-	-	-	-	0.350
3.21) OCO Background Data Recording Card	-	-	-	-	-	-	-	-	-	-	-	2.542
3.22) ILS	-	-	-	-	-	-	-	-	-	-	-	5.582

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0576 - Common ECM Equipment	Modification Nomenclature (<i>Modification Title, Modification Number</i>): AN/AAR-47 DETECTION (OSIP 072-88) - 1

Models of Systems Affected: AH-1W/Z, UH-1N/Y, CH-53D/E, HH-60H, SH-60B, MH-60R/S, P-3/P-3AIP, KC-130F/R/T/J, CH-46E, MV-22	Type Modification: MISSION CAPABILITY	Related RDT&E PEs:
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
3.23) OCO ILS	-	-	-	-	-	-	-	-	-	-	-	1.438
3.24) Other Support	-	-	-	-	-	-	-	-	-	-	-	51.030
3.25) OCO Other Support	-	-	-	-	-	-	-	-	-	-	-	18.232
3.26) CONG ADD Other Support	-	-	-	-	-	-	-	-	-	-	-	4.000
3.27) Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	-
Total Support Cost		0.000		0.000		0.000		0.000		0.000		155.938
Procurement Cost (Procurement + Support)		0.000		0.000		0.000		0.000		0.000		450.114
Total Installation Cost		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		0.000		0.000		0.000		0.000		0.000		450.114

Remarks:

Manufacturer Information: AN/AAR-47 DETECTION (OSIP 072-88)

Manufacturer Name: Manufacturer Name Not Provided.	Manufacturer Location: Manufacturer Location Not Provided.
Administrative Leadtime (<i>in Months</i>):	Production Leadtime (<i>in Months</i>):

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates							
Delivery Dates							

Installation: AN/AAR-47 DETECTION (OSIP 072-88)	Method of Implementation: Not Installed - OCO AAR-47B(V)2 Retrofit Kits	Installation Quantity: 1160
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Installation: AN/AAR-47 DETECTION (OSIP 072-88)	Method of Implementation: Not Installed - SENSOR UPGRADE EQUIPMENT	Installation Quantity: 1836
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Installation: AN/AAR-47 DETECTION (OSIP 072-88)	Method of Implementation: Not Installed - FY05 OCO CP Upgrade Equip	Installation Quantity: 1
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UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0576 - Common ECM Equipment	Modification Nomenclature (<i>Modification Title, Modification Number</i>): AN/AAR-47 DETECTION (OSIP 072-88) - 1
Models of Systems Affected: AH-1W/Z, UH-1N/Y, CH-53D/E, HH-60H, SH-60B, MH-60R/S, P-3/P-3AIP, KC-130F/R/T/J, CH-46E, MV-22	Type Modification: MISSION CAPABILITY	Related RDT&E PEs:
Installation: AN/AAR-47 DETECTION (OSIP 072-88)	Method of Implementation: Not Installed - FY05 OCO Sensor Upgrade Equip	Installation Quantity: 98
Installation: AN/AAR-47 DETECTION (OSIP 072-88)	Method of Implementation: Not Installed - FY06 Title 9 OCO Dynamic Blk	Installation Quantity: 4
Installation: AN/AAR-47 DETECTION (OSIP 072-88)	Method of Implementation: Not Installed - AAR-47 INSTALL EQUIP	Installation Quantity: 1250
Installation: AN/AAR-47 DETECTION (OSIP 072-88)	Method of Implementation: Not Installed - FY04 Title 9 OCO Sensor Upgrade	Installation Quantity: 151
Installation: AN/AAR-47 DETECTION (OSIP 072-88)	Method of Implementation: Not Installed - FY07 Sup PDX Upgrade Kit	Installation Quantity: 300

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0576 - Common ECM Equipment	Modification Nomenclature (Modification Title, Modification Number): AN/APR-39(V)2 RWR (OSIP 014-90) - 2

Models of Systems Affected: AN/APR-39A/B/C(V)2, UH-1N/Y, AH-1W/Z, MV-22, KC-130T, CH-53K, MH-60S	Type Modification: MISSION CAPABILITY	Related RDT&E PEs:
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	215.466	0.000	10.900	18.858	0.000	18.858	20.075	10.554	0.000	0.000	0.000	275.853
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	215.466	0.000	10.900	18.858	0.000	18.858	20.075	10.554	0.000	0.000	0.000	275.853
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	215.466	0.000	10.900	18.858	0.000	18.858	20.075	10.554	0.000	0.000	0.000	275.853

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

DESCRIPTION / JUSTIFICATION: The AN/APR-39A/B/C(V)2 Radar Signal Detecting Set (RSDS) is designed for use on US Marine Corps, US Navy, and US Army Assault Support aircraft to provide onboard situational awareness and warning of radar threats. The AN/APR-39A/B/C(V)2 also provides control and display of the AAR-47A(V)2 Missile Warning System and Chaff dispense commands to the ALE-47 Counter Measure Dispensing System (CMDS). The APR-39A/B/C(V)2 consists of five antennas, one Cockpit Control unit, one or two Display Indicators, two or four receivers, and one processor. FY10 Supplemental Funding supported a Class I Computer Processor (CP) ECP upgrade program. FY12 thru FY15 funding will support a class I Engineering Change Proposal (ECP), APR-39D(V)X, that will correct part I deficiencies against the Radar Warning Receiver (RWR) noted in AH-1W, MV-22 and KC-130T OpEval reports. The current RWR provides inaccurate direction of arrival information, time delayed detection and identification of threat emitters causing loss of situational awareness to combat aircrews. 8 (eight) validation/verification systems will be procured to support platform integration and suitability testing on the MV-22B, AH-1Z, UH-1Y and MH-60S aircraft System Integration Labs (SILs) and verification of correction of deficiency (VCD) Flights. Upgraded Kits will be procured in FY14 and FY15.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: The AN/APR-39A(V)2 is in the APN-1 Post Production and sustainment phase (MSIII3Q/96). The U.S. Navy is the lead service of this joint service program. The U.S. Army awarded the production contract 3Q/96, and continues to administer the contract. U.S. Navy delivery of production systems commenced June 1999. Procurement of an / APR-39A/B(V)2 for the additional requiring platforms will be by extension of application with the required follow-on test and evaluation conducted on each platform. The AN/APR-39B(V)2 is a glass cockpit compatible for H-1 upgrades. FY08 OCO supplemental funded the development of the Computer Processor Unit (CPU) ECP upgrade (BVX program). This included incorporation of the Army APR-39A(V)X CPU and Memory Circuit Card Assemblies. FY10 supplemental funding will complete the class I ECP and cover deferred tasks, which includes (8) first-article ship sets for testing, APR-39 / AAR-47 software refinement, FOT&E to validate solutions and platform test and integration to support all current RWR and Assault platforms using ASE. The MV-22, AH-1Z, UH-1Y, CH-53K and MH-60S platforms have planned APN-1 procurement of APR-39 systems in FY2010 and beyond. FY09 supplemental funded the combined Operator Interface effort with the AAR-47. FY10 OCO funded the Class I ECP computer processor upgrade to the APR-39C(V)2. FY12 - FY15 funds will fund the Class I ECP for the APR-39D(V)X to correct part I deficiencies noted during OpEval testing of the APR-39 system.

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy										Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0576 - Common ECM Equipment						Modification Nomenclature (<i>Modification Title, Modification Number</i>): AN/APR-39(V)2 RWR (OSIP 014-90) - 2			
Models of Systems Affected: AN/APR-39A/B/C(V)2, UH-1N/Y, AH-1W/Z, MV-22, KC-130T, CH-53K, MH-60S				Type Modification: MISSION CAPABILITY						Related RDT&E PEs:			
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
AN/APR-39(V)2 RWR (OSIP 014-90)													
A Kits													
Recurring													
1.1.1) Install Kits - Organic													
	7	0.238	-	-	-	-	-	-	-	-	-	-	
<i>Subtotal Recurring</i>		0.238		0.000		0.000		0.000		0.000		0.000	
B Kits													
Recurring													
2.1.1) FY05 OCO (Install Equip) APR39A - Organic													
	24	5.005	-	-	-	-	-	-	-	-	-	-	
2.1.2) Install Equip (AVR-2) - Organic													
	254	32.249	-	-	-	-	-	-	-	-	-	-	
2.1.3) Install Equip AN/APR-39A/D(V)X - Organic													
	-	-	-	-	-	-	-	-	-	-	-	-	
2.1.4) OCO Install Equip AN/APR-39A/B(V)2 - Organic													
	463	76.783	-	-	-	-	-	-	-	-	-	-	
2.1.5) Title IX Supplemental (Install Equip) 39a - Organic													
	4	5.067	-	-	-	-	-	-	-	-	-	-	
<i>Subtotal Recurring</i>		119.104		0.000		0.000		0.000		0.000		0.000	
NonRecurring													
2.2.1) Installation Equipment N/R - Organic													
	-	16.707	-	-	-	-	-	-	-	-	-	-	
<i>Subtotal NonRecurring</i>		16.707		0.000		0.000		0.000		0.000		0.000	
<i>Total, AN/APR-39(V)2 RWR (OSIP 014-90)</i>		752	136.049	-	-	-	-	-	-	-	-	-	
<i>Total, All Modifications</i>		136.049		0.000		0.000		0.000		0.000		0.000	
Support													
3.1) ECO													
	-	20.852	-	-	-	-	-	-	-	-	-	-	
3.2) OCO ECO													
	-	3.834	-	-	-	-	-	-	-	-	-	-	
3.3) OCO B(V)X Computer Processor ECP													
	-	1.470	-	-	-	-	-	-	-	-	-	-	
3.4) D(V)X System ECP													
	-	-	-	-	-	8.600	-	14.319	-	-	-	14.319	
3.5) Data													
	-	1.024	-	-	-	-	-	-	-	-	-	-	
3.6) Training Equipment													
	-	0.960	-	-	-	-	-	-	-	-	-	-	
3.7) Support Equipment													
	-	2.082	-	-	-	-	-	-	-	-	-	-	

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0576 - Common ECM Equipment	Modification Nomenclature (Modification Title, Modification Number): AN/APR-39(V)2 RWR (OSIP 014-90) - 2
Models of Systems Affected: AN/APR-39A/B/C(V)2, UH-1N/Y, AH-1W/Z, MV-22, KC-130T, CH-53K, MH-60S	Type Modification: MISSION CAPABILITY	Related RDT&E PEs:

Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
3.8) OCO Support Equipment	-	1.073	-	-	-	-	-	-	-	-	-	-
3.9) ILS	-	6.309	-	-	-	-	-	-	-	-	-	-
3.10) OCO ILS	-	0.351	-	-	-	-	-	-	-	-	-	-
3.11) Other Support	-	35.340	-	-	-	2.300	-	4.539	-	-	-	4.539
3.12) OCO Other Support	-	6.122	-	-	-	-	-	-	-	-	-	-
3.13) Interim Contractor Support	-	0.000	-	-	-	-	-	-	-	-	-	-
Total Support Cost		79.417		0.000		10.900		18.858		0.000		18.858
Procurement Cost (Procurement + Support)		215.466		0.000		10.900		18.858		0.000		18.858
Total Installation Cost		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		215.466		0.000		10.900		18.858		0.000		18.858

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
AN/APR-39(V)2 RWR (OSIP 014-90)												
A Kits												
Recurring												
1.1.1) Install Kits - Organic	-	-	-	-	-	-	-	-	-	-	7	0.238
Subtotal Recurring		0.000		0.000		0.000		0.000		0.000		0.238
B Kits												
Recurring												
2.1.1) FY05 OCO (Install Equip) APR39A - Organic	-	-	-	-	-	-	-	-	-	-	24	5.005
2.1.2) Install Equip (AVR-2) - Organic	-	-	-	-	-	-	-	-	-	-	254	32.249
2.1.3) Install Equip AN/APR-39A/D(V)X - Organic	7	4.536	10	5.020	-	-	-	-	-	-	17	9.556
2.1.4) OCO Install Equip AN/APR-39A/B(V)2 - Organic	-	-	-	-	-	-	-	-	-	-	463	76.783
2.1.5) Title IX Supplemental (Install Equip) 39a - Organic	-	-	-	-	-	-	-	-	-	-	4	5.067
Subtotal Recurring		4.536		5.020		0.000		0.000		0.000		128.660

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0576 - Common ECM Equipment	Modification Nomenclature (<i>Modification Title, Modification Number</i>): AN/APR-39(V)2 RWR (OSIP 014-90) - 2
Models of Systems Affected: AN/APR-39A/B/C(V)2, UH-1N/Y, AH-1W/Z, MV-22, KC-130T, CH-53K, MH-60S	Type Modification: MISSION CAPABILITY	Related RDT&E PEs:

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
NonRecurring												
2.2.1) Installation Equipment N/R - Organic	-	-	-	-	-	-	-	-	-	-	-	16.707
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		16.707
<i>Total, AN/APR-39(V)2 RWR (OSIP 014-90)</i>	7	4.536	10	5.020	-	-	-	-	-	-	769	145.605
<i>Total, All Modifications</i>		4.536		5.020		0.000		0.000		0.000		145.605
Support												
3.1) ECO	-	-	-	-	-	-	-	-	-	-	-	20.852
3.2) OCO ECO	-	-	-	-	-	-	-	-	-	-	-	3.834
3.3) OCO B(V)X Computer Processor ECP	-	-	-	-	-	-	-	-	-	-	-	1.470
3.4) D(V)X System ECP	-	10.207	-	1.762	-	-	-	-	-	-	-	34.888
3.5) Data	-	-	-	-	-	-	-	-	-	-	-	1.024
3.6) Training Equipment	-	-	-	-	-	-	-	-	-	-	-	0.960
3.7) Support Equipment	-	-	-	-	-	-	-	-	-	-	-	2.082
3.8) OCO Support Equipment	-	-	-	-	-	-	-	-	-	-	-	1.073
3.9) ILS	-	-	-	-	-	-	-	-	-	-	-	6.309
3.10) OCO ILS	-	-	-	-	-	-	-	-	-	-	-	0.351
3.11) Other Support	-	5.332	-	3.772	-	-	-	-	-	-	-	51.283
3.12) OCO Other Support	-	-	-	-	-	-	-	-	-	-	-	6.122
3.13) Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		15.539		5.534		0.000		0.000		0.000		130.248
<i>Procurement Cost (Procurement + Support)</i>		20.075		10.554		0.000		0.000		0.000		275.853
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		20.075		10.554		0.000		0.000		0.000		275.853

Remarks:

Manufacturer Information: AN/APR-39(V)2 RWR (OSIP 014-90)	
Manufacturer Name: Manufacturer Name Not Provided.	Manufacturer Location: Manufacturer Location Not Provided.

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Exhibit P-3A, Individual Modification: PB 2013 Navy					Date: February 2012		
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1			P-1 Line Item Nomenclature: 0576 - Common ECM Equipment		Modification Nomenclature (<i>Modification Title, Modification Number</i>): AN/APR-39(V)2 RWR (OSIP 014-90) - 2		
Models of Systems Affected: AN/APR-39A/B/C(V)2, UH-1N/Y, AH-1W/Z, MV-22, KC-130T, CH-53K, MH-60S			Type Modification: MISSION CAPABILITY		Related RDT&E PEs:		
Manufacturer Information: AN/APR-39(V)2 RWR (OSIP 014-90)							
Administrative Leadtime (<i>in Months</i>):				Production Leadtime (<i>in Months</i>):			
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates							
Delivery Dates							
Installation: AN/APR-39(V)2 RWR (OSIP 014-90)							
			Method of Implementation: Not Installed - Install Kits		Installation Quantity: 7		
Installation: AN/APR-39(V)2 RWR (OSIP 014-90)							
			Method of Implementation: Not Installed - FY05 OCO (Install Equip) APR39A		Installation Quantity: 24		
Installation: AN/APR-39(V)2 RWR (OSIP 014-90)							
			Method of Implementation: Not Installed - Install Equip (AVR-2)		Installation Quantity: 254		
Installation: AN/APR-39(V)2 RWR (OSIP 014-90)							
			Method of Implementation: Not Installed - Install Equip AN/ APR-39A/D(V)X		Installation Quantity: 17		
Installation: AN/APR-39(V)2 RWR (OSIP 014-90)							
			Method of Implementation: Not Installed - OCO Install Equip AN/ APR-39A/B(V)2		Installation Quantity: 463		
Installation: AN/APR-39(V)2 RWR (OSIP 014-90)							
			Method of Implementation: Not Installed - Title IX Supplemental (Install Equip) 39a		Installation Quantity: 4		

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0576 - Common ECM Equipment	Modification Nomenclature (<i>Modification Title, Modification Number</i>): .ALE-39 TO ALE-47 RETROFIT (OSIP 006-00) - 3

Models of Systems Affected: CH-53E, EA-6B, AH-1W, CH-46E, UH-1N, CH-53D, MH-53E, F/A-18C/D, AV8B, MV-22, KC-130FRT, HH60, P-3, S	Type Modification: MISSION CAPABILITY	Related RDT&E PEs:
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	157.312	2.977	6.062	5.617	0.000	5.617	5.462	5.768	5.600	0.000	0.000	188.798
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	157.312	2.977	6.062	5.617	0.000	5.617	5.462	5.768	5.600	0.000	0.000	188.798
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	157.312	2.977	6.062	5.617	0.000	5.617	5.462	5.768	5.600	0.000	0.000	188.798

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

DESCRIPTION/JUSTIFICATION: The replacement of the AN/ALE-39 Dispenser System with the AN/ALE-47 will correct serious safety problems and greatly improve aircraft survivability. As a joint program, USD (AT&L) memo of November 1986 directed U.S. Navy and U.S. Army to participate in the USAF Engineering Manufacturing Development (EMD) phase. Requirements were established by USAF Statement of Operational Requirements Document (SOR) number 341.88-II-D of 8 July 92. OSIP 006-00 was initially established for the retrofit of multiple Type/Model/Series (TMS), but operational requirements in support of Overseas Contingency Operations (OCO) resulted in accelerated installs and additional aircraft being identified for retrofit incorporation with FY-04/05 OCO Supplemental funds. FY-07/08 OCO Supplemental funds added a PowerPC processor upgrade and additional dispenser pods for increased capacity and forward firing capability on assault platforms. FY-09 - 16 provides funding for retrofit installation of AN/ALE-47 on F/A-18/C/D aircraft lots 12-17. FY-09 OCO funds were also provided to procure AN/ALE-47 breech plates for CH-46, MV-22 and F/A-18 C/D lots 18-21 to provide more reliable countermeasures dispensing and ensure accurate onboard inventory reporting. FY-10 OCO funding was provided for additional dispensers/pods to increase mission duration and survivability for CH-53D/E, the procurement of additional production Dual Dispenser Pods and the NRE/installation to increase the expendables capacity from 120 to 240.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: The AN/ALE-47 system is in production and being installed in multiple U.S. Navy, USMC and USAF aircraft. MS III decision awarded March 1993. Production system components are being procured under Air Force contract FA8540-06-D-0002 awarded November 2006. The urgent requirement contract for the dual dispenser pod prototype was awarded February 2009. The contract for the AH-1W dual dispenser pods was awarded February 2009. An Unfinalized Contract Action (UCA) for CH-53D/E dual dispenser pod production was awarded July 2009, August 2009 and December 2009, with the definitization awarded June 2010. PowerPC Processor Upgrade contract was awarded March 2010. The F/A-18C/D retrofit kits were increased to accommodate production capability/aircraft availability.

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0576 - Common ECM Equipment	Modification Nomenclature (<i>Modification Title, Modification Number</i>): .ALE-39 TO ALE-47 RETROFIT (OSIP 006-00) - 3

Models of Systems Affected: CH-53E, EA-6B, AH-1W, CH-46E, UH-1N, CH-53D, MH-53E, F/A-18C/D, AV8B, MV-22, KC-130FRT, HH60, P-3, S	Type Modification: MISSION CAPABILITY	Related RDT&E PEs:
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
.ALE-39 TO ALE-47 RETROFIT (OSIP 006-00)												
A Kits												
Recurring												
1.1.1) AV8 Kit - Organic ⁽¹⁾	48	0.921	-	-	-	-	-	-	-	-	-	-
1.1.2) EA6B Kit - Organic ⁽²⁾	35	0.336	-	-	-	-	-	-	-	-	-	-
1.1.3) OCO CH-53D A-Kit - NonOrganic	70	0.579	-	-	-	-	-	-	-	-	-	-
1.1.4) OCO CH-53D Interface Kits - Organic	72	0.771	-	-	-	-	-	-	-	-	-	-
1.1.5) OCO CH-53E A-Kit - NonOrganic	302	2.500	-	-	-	-	-	-	-	-	-	-
1.1.6) OCO CH-53E Interface Kit - Organic	304	3.200	-	-	-	-	-	-	-	-	-	-
1.1.7) F/A-18 A-Kit - NonOrganic ⁽³⁾	39	1.627	9	0.378	42	1.806	38	1.672	-	-	38	1.672
1.1.8) A Kits (Various Platforms) - NonOrganic ⁽⁴⁾	1,850	12.744	-	-	-	-	-	-	-	-	-	-
Subtotal Recurring		22.678		0.378		1.806		1.672		0.000		1.672
NonRecurring												
1.2.1) Installation Kit N/R - Organic	-	3.201	-	-	-	-	-	-	-	-	-	-
1.2.2) ECP Val/Ver Kits - Organic	10	2.109	-	-	-	-	-	-	-	-	-	-
1.2.3) OCO CH-53D/E Val/Ver A Kits - NonOrganic	4	0.161	-	-	-	-	-	-	-	-	-	-
1.2.4) OCO CH-53D/E Val/Ver B Kits - Organic	4	0.161	-	-	-	-	-	-	-	-	-	-
1.2.5) F/A-18 Val/Ver - NonOrganic	4	0.265	-	-	-	-	-	-	-	-	-	-
Subtotal NonRecurring		5.897		0.000		0.000		0.000		0.000		0.000
B Kits												
Recurring												
2.1.1) FY05 SPP (Install Equip) B Kits - Organic	266	2.961	-	-	-	-	-	-	-	-	-	-
2.1.2) 39 Sequencer Switches - Organic	1	1.950	-	-	-	-	-	-	-	-	-	-
2.1.3) OCO CH-53D B Kits - Organic	70	2.737	-	-	-	-	-	-	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0576 - Common ECM Equipment	Modification Nomenclature (<i>Modification Title, Modification Number</i>): .ALE-39 TO ALE-47 RETROFIT (OSIP 006-00) - 3

Models of Systems Affected: CH-53E, EA-6B, AH-1W, CH-46E, UH-1N, CH-53D, MH-53E, F/A-18C/D, AV8B, MV-22, KC-130FRT, HH60, P-3, S	Type Modification: MISSION CAPABILITY	Related RDT&E PEs:
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
2.1.4) OCO CH-53E B Kits - Organic	302	12.075	-	-	-	-	-	-	-	-	-	-
2.1.5) OCO Breechplates - Organic	2,774	2.410	-	-	-	-	-	-	-	-	-	-
2.1.6) F/A-18 B Kits - Organic	36	1.636	9	0.360	42	1.723	38	1.596	-	-	38	1.596
2.1.7) TACAIR/HELOS Equip - Organic	2,770	50.905	-	-	-	-	-	-	-	-	-	-
2.1.8) Title 9 Supplemental - Organic	7	5.577	-	-	-	-	-	-	-	-	-	-
<i>Subtotal Recurring</i>		80.251		0.360		1.723		1.596		0.000		1.596
<i>Total, .ALE-39 TO ALE-47 RETROFIT (OSIP 006-00)</i>	8,968	108.826	18	0.738	84	3.529	76	3.268	-	-	76	3.268
<i>Total, All Modifications</i>		108.826		0.738		3.529		3.268		0.000		3.268
Support												
3.1) Equip ECO	-	0.783	-	-	-	-	-	-	-	-	-	-
3.2) Data	-	0.056	-	-	-	-	-	-	-	-	-	-
3.3) Training Equip	-	3.185	-	-	-	-	-	-	-	-	-	-
3.4) Support Equip	-	3.236	-	-	-	-	-	-	-	-	-	-
3.5) F/A-18 ALM-290 Test Sets	-	0.515	-	0.092	-	0.247	-	0.235	-	-	-	0.235
3.6) FY05 Supp	-	1.156	-	-	-	-	-	-	-	-	-	-
3.7) Title 9 Supplemental	-	1.333	-	-	-	-	-	-	-	-	-	-
3.8) ILS	-	1.333	-	-	-	-	-	-	-	-	-	-
3.9) OCO ILS CH-53D/E	-	0.681	-	-	-	-	-	-	-	-	-	-
3.10) Other Support	-	25.614	-	0.816	-	0.786	-	0.556	-	-	-	0.556
3.11) OCO Other Support	-	4.029	-	-	-	-	-	-	-	-	-	-
3.12) Interim Contractor Support	-	0.000	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		41.921		0.908		1.033		0.791		0.000		0.791
<i>Procurement Cost (Procurement + Support)</i>		150.747		1.646		4.562		4.059		0.000		4.059
<i>Total Installation Cost</i>		6.565		1.331		1.500		1.558		0.000		1.558
Total Cost (Procurement + Support + Installation)		157.312		2.977		6.062		5.617		0.000		5.617

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0576 - Common ECM Equipment	Modification Nomenclature (<i>Modification Title, Modification Number</i>): .ALE-39 TO ALE-47 RETROFIT (OSIP 006-00) - 3

Models of Systems Affected: CH-53E, EA-6B, AH-1W, CH-46E, UH-1N, CH-53D, MH-53E, F/A-18C/D, AV8B, MV-22, KC-130FRT, HH60, P-3, S	Type Modification: MISSION CAPABILITY	Related RDT&E PEs:
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
.ALE-39 TO ALE-47 RETROFIT (OSIP 006-00)												
A Kits												
Recurring												
1.1.1) AV8 Kit - Organic ⁽¹⁾	-	-	-	-	-	-	-	-	-	-	48	0.921
1.1.2) EA6B Kit - Organic ⁽²⁾	-	-	-	-	-	-	-	-	-	-	35	0.336
1.1.3) OCO CH-53D A-Kit - NonOrganic	-	-	-	-	-	-	-	-	-	-	70	0.579
1.1.4) OCO CH-53D Interface Kits - Organic	-	-	-	-	-	-	-	-	-	-	72	0.771
1.1.5) OCO CH-53E A-Kit - NonOrganic	-	-	-	-	-	-	-	-	-	-	302	2.500
1.1.6) OCO CH-53E Interface Kit - Organic	-	-	-	-	-	-	-	-	-	-	304	3.200
1.1.7) F/A-18 A-Kit - NonOrganic ⁽³⁾	33	1.485	38	1.761	37	1.766	-	-	-	-	236	10.495
1.1.8) A Kits (Various Platforms) - NonOrganic ⁽⁴⁾	-	-	-	-	-	-	-	-	-	-	1,850	12.744
Subtotal Recurring		1.485		1.761		1.766		0.000		0.000		31.546
NonRecurring												
1.2.1) Installation Kit N/R - Organic	-	-	-	-	-	-	-	-	-	-	-	3.201
1.2.2) ECP Val/Ver Kits - Organic	-	-	-	-	-	-	-	-	-	-	10	2.109
1.2.3) OCO CH-53D/E Val/Ver A Kits - NonOrganic	-	-	-	-	-	-	-	-	-	-	4	0.161
1.2.4) OCO CH-53D/E Val/Ver B Kits - Organic	-	-	-	-	-	-	-	-	-	-	4	0.161
1.2.5) F/A-18 Val/Ver - NonOrganic	-	-	-	-	-	-	-	-	-	-	4	0.265
Subtotal NonRecurring		0.000		0.000		0.000		0.000		0.000		5.897
B Kits												
Recurring												
2.1.1) FY05 SPP (Install Equip) B Kits - Organic	-	-	-	-	-	-	-	-	-	-	266	2.961
2.1.2) 39 Sequencer Switches - Organic	-	-	-	-	-	-	-	-	-	-	1	1.950
2.1.3) OCO CH-53D B Kits - Organic	-	-	-	-	-	-	-	-	-	-	70	2.737

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0576 - Common ECM Equipment	Modification Nomenclature (<i>Modification Title, Modification Number</i>): .ALE-39 TO ALE-47 RETROFIT (OSIP 006-00) - 3

Models of Systems Affected: CH-53E, EA-6B, AH-1W, CH-46E, UH-1N, CH-53D, MH-53E, F/A-18C/D, AV8B, MV-22, KC-130FRT, HH60, P-3, S	Type Modification: MISSION CAPABILITY	Related RDT&E PEs:
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
2.1.4) OCO CH-53E B Kits - Organic	-	-	-	-	-	-	-	-	-	-	302	12.075
2.1.5) OCO Breechplates - Organic	-	-	-	-	-	-	-	-	-	-	2,774	2.410
2.1.6) F/A-18 B Kits - Organic	33	1.419	38	1.683	37	1.688	-	-	-	-	233	10.105
2.1.7) TACAIR/HELOS Equip - Organic	-	-	-	-	-	-	-	-	-	-	2,770	50.905
2.1.8) Title 9 Supplemental - Organic	-	-	-	-	-	-	-	-	-	-	7	5.577
<i>Subtotal Recurring</i>		1.419		1.683		1.688		0.000		0.000		88.720
<i>Total, .ALE-39 TO ALE-47 RETROFIT (OSIP 006-00)</i>	66	2.904	76	3.444	74	3.454	-	-	-	-	9,362	126.163
<i>Total, All Modifications</i>		2.904		3.444		3.454		0.000		0.000		126.163
Support												
3.1) Equip ECO	-	-	-	-	-	-	-	-	-	-	-	0.783
3.2) Data	-	-	-	-	-	-	-	-	-	-	-	0.056
3.3) Training Equip	-	-	-	-	-	-	-	-	-	-	-	3.185
3.4) Support Equip	-	-	-	-	-	-	-	-	-	-	-	3.236
3.5) F/A-18 ALM-290 Test Sets	-	0.258	-	0.288	-	-	-	-	-	-	-	1.635
3.6) FY05 Supp	-	-	-	-	-	-	-	-	-	-	-	1.156
3.7) Title 9 Supplemental	-	-	-	-	-	-	-	-	-	-	-	1.333
3.8) ILS	-	-	-	-	-	-	-	-	-	-	-	1.333
3.9) OCO ILS CH-53D/E	-	-	-	-	-	-	-	-	-	-	-	0.681
3.10) Other Support	-	0.410	-	0.402	-	0.506	-	-	-	-	-	29.090
3.11) OCO Other Support	-	-	-	-	-	-	-	-	-	-	-	4.029
3.12) Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		0.668		0.690		0.506		0.000		0.000		46.517
<i>Procurement Cost (Procurement + Support)</i>		3.572		4.134		3.960		0.000		0.000		172.680
<i>Total Installation Cost</i>		1.890		1.634		1.640		0.000		0.000		16.118
Total Cost (Procurement + Support + Installation)		5.462		5.768		5.600		0.000		0.000		188.798

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0576 - Common ECM Equipment	Modification Nomenclature (<i>Modification Title, Modification Number</i>): .ALE-39 TO ALE-47 RETROFIT (OSIP 006-00) - 3

Models of Systems Affected: CH-53E, EA-6B, AH-1W, CH-46E, UH-1N, CH-53D, MH-53E, F/A-18C/D, AV8B, MV-22, KC-130FRT, HH60, P-3, S	Type Modification: MISSION CAPABILITY	Related RDT&E PEs:
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- Remarks:**
- (1)Kit installs were funded by individual platforms.
 - (2)Kit installs were funded by individual platforms.
 - (3)Kit purchases include A Kits; AV8 Kits, EA6B Kits, CH-53 and N/R (Val/Ver) Kits.
 - (4)Of the total kits purchased in PY, supporting AH-1W, CH-46E, UH-1N platforms, only 881 installs were funded by this program; the remaining kit installs were funded by individual platforms.

Manufacturer Information: .ALE-39 TO ALE-47 RETROFIT (OSIP 006-00)

Manufacturer Name: FRCSE/FRC SW - F/A-18 C/D Installations				Manufacturer Location: Jacksonville, FL/San Diego, CA			
Administrative Leadtime (<i>in Months</i>): 1				Production Leadtime (<i>in Months</i>): 4			
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates	Nov 2010	Nov 2011	Nov 2012	Nov 2013			
Delivery Dates	Feb 2011	Feb 2012	Feb 2013	Feb 2014			

Manufacturer Name: DTIC - CH-53 D/E Installations				Manufacturer Location: Jacksonville, FL/San Diego, CA			
Administrative Leadtime (<i>in Months</i>): 0				Production Leadtime (<i>in Months</i>): 0			
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates							
Delivery Dates							

Installation: .ALE-39 TO ALE-47 RETROFIT (OSIP 006-00) **Method of Implementation:** Depot Level Installation **Installation Name:** ALE-39 to ALE-47 Retrofit

Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	881	6.565	136	0.945	74	0.000	-	-	-	-	-	-
FY 2011	-	-	9	0.386	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	30	1.500	12	0.500	0	0.000	12	0.500
FY 2013	-	-	-	-	-	-	26	1.058	0	0.000	26	1.058
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0576 - Common ECM Equipment	Modification Nomenclature (<i>Modification Title, Modification Number</i>): .ALE-39 TO ALE-47 RETROFIT (OSIP 006-00) - 3

Models of Systems Affected: CH-53E, EA-6B, AH-1W, CH-46E, UH-1N, CH-53D, MH-53E, F/A-18C/D, AV8B, MV-22, KC-130FRT, HH60, P-3, S	Type Modification: MISSION CAPABILITY	Related RDT&E PEs:
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Installation: .ALE-39 TO ALE-47 RETROFIT (OSIP 006-00)	Method of Implementation: Depot Level Installation	Installation Name: ALE-39 to ALE-47 Retrofit										
Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	881	6.565	145	1.331	104	1.500	38	1.558	0	0.000	38	1.558

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	1,091	7.510
FY 2011	-	-	-	-	-	-	-	-	-	-	9	0.386
FY 2012	-	-	-	-	-	-	-	-	-	-	42	2.000
FY 2013	12	0.504	-	-	-	-	-	-	-	-	38	1.562
FY 2014	33	1.386	-	-	-	-	-	-	-	-	33	1.386
FY 2015	-	-	38	1.634	-	-	-	-	-	-	38	1.634
FY 2016	-	-	-	-	37	1.640	-	-	-	-	37	1.640
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	45	1.890	38	1.634	37	1.640	-	-	-	-	1,288	16.118

Installation Schedule																																			
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017									
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
In	881	37	36	36	36	26	26	26	26	10	10	9	9	12	11	11	11	10	10	10	8	10	9	9	9	-	-	-	-	-	-	-	-	-	1,288
Out	873	8	37	36	36	36	26	26	26	26	10	10	9	9	12	11	11	11	10	10	10	8	10	9	9	9	-	-	-	-	-	-	-	-	1,288

Installation: .ALE-39 TO ALE-47 RETROFIT (OSIP 006-00)	Method of Implementation: Not Installed - AV8 Kit	Installation Quantity: 48
Installation: .ALE-39 TO ALE-47 RETROFIT (OSIP 006-00)	Method of Implementation: Not Installed - EA6B Kit	Installation Quantity: 35

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0576 - Common ECM Equipment	Modification Nomenclature (<i>Modification Title, Modification Number</i>): .ALE-39 TO ALE-47 RETROFIT (OSIP 006-00) - 3
Models of Systems Affected: CH-53E, EA-6B, AH-1W, CH-46E, UH-1N, CH-53D, MH-53E, F/A-18C/D, AV8B, MV-22, KC-130FRT, HH60, P-3, S	Type Modification: MISSION CAPABILITY	Related RDT&E PEs:
Installation: .ALE-39 TO ALE-47 RETROFIT (OSIP 006-00)	Method of Implementation: Not Installed - OCO CH-53D Interface Kits	Installation Quantity: 72
Installation: .ALE-39 TO ALE-47 RETROFIT (OSIP 006-00)	Method of Implementation: Not Installed - OCO CH-53E Interface Kit	Installation Quantity: 304
Installation: .ALE-39 TO ALE-47 RETROFIT (OSIP 006-00)	Method of Implementation: Not Installed - ECP Val/Ver Kits	Installation Quantity: 10
Installation: .ALE-39 TO ALE-47 RETROFIT (OSIP 006-00)	Method of Implementation: Not Installed - OCO CH-53D/E Val/Ver B Kits	Installation Quantity: 4
Installation: .ALE-39 TO ALE-47 RETROFIT (OSIP 006-00)	Method of Implementation: Not Installed - FY05 SPP (Install Equip) B Kits	Installation Quantity: 266
Installation: .ALE-39 TO ALE-47 RETROFIT (OSIP 006-00)	Method of Implementation: Not Installed - 39 Sequencer Switches	Installation Quantity: 1
Installation: .ALE-39 TO ALE-47 RETROFIT (OSIP 006-00)	Method of Implementation: Not Installed - OCO CH-53D B Kits	Installation Quantity: 70
Installation: .ALE-39 TO ALE-47 RETROFIT (OSIP 006-00)	Method of Implementation: Not Installed - OCO CH-53E B Kits	Installation Quantity: 302
Installation: .ALE-39 TO ALE-47 RETROFIT (OSIP 006-00)	Method of Implementation: Not Installed - OCO Breechplates	Installation Quantity: 2774
Installation: .ALE-39 TO ALE-47 RETROFIT (OSIP 006-00)	Method of Implementation: Organic - F/A-18 B Kits	Installation Quantity: 233
Installation: .ALE-39 TO ALE-47 RETROFIT (OSIP 006-00)	Method of Implementation: Not Installed - TACAIR/HELOS Equip	Installation Quantity: 2770
Installation: .ALE-39 TO ALE-47 RETROFIT (OSIP 006-00)	Method of Implementation: Not Installed - Title 9 Supplemental	Installation Quantity: 7

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0576 - Common ECM Equipment	Modification Nomenclature (<i>Modification Title, Modification Number</i>): INTEGRATED DEFENSIVE ELECTRONIC CM (IDECM) 007-03) - 4

Models of Systems Affected: F/A-18E/F	Type Modification: MISSION CAPABILITY	Related RDT&E PEs: 0604270N
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	249.263	18.845	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	268.108
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	249.263	18.845	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	268.108
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	249.263	18.845	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	268.108

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

DESCRIPTION/JUSTIFICATION: IDECM RFCM consists of an Onboard Electronic Countermeasure Set, an Electronic Frequency Converter (EFC), an Improved Multi Platform Launch Controller (IMPLC) and Fiber Optic Towed Decoy (FOTD) that improves the survivability of aircraft against modern Radio Frequency (RF) threats. The IDECM RFCM Operational Requirements Document (ORD) numbers are 494-88-98, 624-78-03 and 730-88-07. Current IDECM RFCM configurations are: Block 1 (IB-1) consisting of the ALQ-165 and ALE-50 (AAED); IDECM Block 2 (IB-2) consisting of the ALQ-214 and the ALE-50 (AAED); IDECM Block 3 (IB-3) consisting of ALQ-214, the ALE-55 (FOTD), and the EFC. The EFC enables dataflow via the fiber optic cable to the decoy. This Operational Safety Improvement Program is for the onboard portion of the IDECM Blocks 2 and 3 configuration.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: IDECM Block 2 received MS III approval in January 2004. Full Rate Production contracts 1-8 were awarded in FY04-FY11 respectively. FY11 completes a total of 85 ALQ-214s procured via OSIP 007-03. A total of 190 ALQ-214s are planned for procurement via the Common On-Board Jammer OSIP 04-12. FY09 and FY10 Congressional Add provided funds for ALQ-214 phased depot stand-up focused on system/verification testing and repair of Weapon Repairable Assemblies (WRAs) and Shop Repairable Assemblies (SRAs).

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Exhibit P-3A, Individual Modification: PB 2013 Navy										Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0576 - Common ECM Equipment						Modification Nomenclature (<i>Modification Title, Modification Number</i>): INTEGRATED DEFENSIVE ELECTRONIC CM (IDECM) 007-03) - 4			
Models of Systems Affected: F/A-18E/F				Type Modification: MISSION CAPABILITY						Related RDT&E PEs: 0604270N			
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
INTEGRATED DEFENSIVE ELECTRONIC CM (IDECM) 007-03)													
B Kits													
Recurring													
2.1.1) ALQ-214 - Organic	84	147.213	1	2.478	-	-	-	-	-	-	-	-	
2.1.2) EFC - Organic ⁽⁵⁾	93	17.859	30	4.602	-	-	-	-	-	-	-	-	
2.1.3) IMPLC Retrofit Kits - Organic	580	2.102	-	-	-	-	-	-	-	-	-	-	
<i>Subtotal Recurring</i>		167.174		7.080		0.000		0.000		0.000		0.000	
NonRecurring													
2.2.1) Installation Equipment N/R - Organic	-	5.594	-	-	-	-	-	-	-	-	-	-	
<i>Subtotal NonRecurring</i>		5.594		0.000		0.000		0.000		0.000		0.000	
<i>Total, INTEGRATED DEFENSIVE ELECTRONIC CM (IDECM) 007-03)</i>	757	172.768	31	7.080	-	-	-	-	-	-	-	-	
<i>Total, All Modifications</i>		172.768		7.080		0.000		0.000		0.000		0.000	
Support													
3.1) Engineering Change Orders	-	1.787	-	-	-	-	-	-	-	-	-	-	
3.2) Data	-	0.053	-	-	-	-	-	-	-	-	-	-	
3.3) Training Equipment	-	0.000	-	-	-	-	-	-	-	-	-	-	
3.4) Support Equipment	-	0.000	-	-	-	-	-	-	-	-	-	-	
3.5) ILS.	-	1.535	-	-	-	-	-	-	-	-	-	-	
3.6) Other Support	-	73.120	-	11.765	-	-	-	-	-	-	-	-	
3.7) Interim Contractor Support	-	0.000	-	-	-	-	-	-	-	-	-	-	
<i>Total Support Cost</i>		76.495		11.765		0.000		0.000		0.000		0.000	
<i>Procurement Cost (Procurement + Support)</i>		249.263		18.845		0.000		0.000		0.000		0.000	
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000	
Total Cost (Procurement + Support + Installation)		249.263		18.845		0.000		0.000		0.000		0.000	

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Exhibit P-3A, Individual Modification: PB 2013 Navy									Date: February 2012				
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0576 - Common ECM Equipment					Modification Nomenclature (<i>Modification Title, Modification Number</i>): INTEGRATED DEFENSIVE ELECTRONIC CM (IDECM) 007-03) - 4				
Models of Systems Affected: F/A-18E/F			Type Modification: MISSION CAPABILITY					Related RDT&E PEs: 0604270N					
Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
INTEGRATED DEFENSIVE ELECTRONIC CM (IDECM) 007-03)													
B Kits													
Recurring													
2.1.1) ALQ-214 - Organic	-	-	-	-	-	-	-	-	-	-	85	149.691	
2.1.2) EFC - Organic ⁽⁵⁾	-	-	-	-	-	-	-	-	-	-	123	22.461	
2.1.3) IMPLC Retrofit Kits - Organic	-	-	-	-	-	-	-	-	-	-	580	2.102	
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		174.254	
NonRecurring													
2.2.1) Installation Equipment N/R - Organic	-	-	-	-	-	-	-	-	-	-	-	5.594	
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		5.594	
<i>Total, INTEGRATED DEFENSIVE ELECTRONIC CM (IDECM) 007-03)</i>	-	-	-	-	-	-	-	-	-	-	788	179.848	
<i>Total, All Modifications</i>		0.000		0.000		0.000		0.000		0.000		179.848	
Support													
3.1) Engineering Change Orders	-	-	-	-	-	-	-	-	-	-	-	1.787	
3.2) Data	-	-	-	-	-	-	-	-	-	-	-	0.053	
3.3) Training Equipment	-	-	-	-	-	-	-	-	-	-	-	-	
3.4) Support Equipment	-	-	-	-	-	-	-	-	-	-	-	-	
3.5) ILS.	-	-	-	-	-	-	-	-	-	-	-	1.535	
3.6) Other Support	-	-	-	-	-	-	-	-	-	-	-	84.885	
3.7) Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	-	
<i>Total Support Cost</i>		0.000		0.000		0.000		0.000		0.000		88.260	
<i>Procurement Cost (Procurement + Support)</i>		0.000		0.000		0.000		0.000		0.000		268.108	
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000	
Total Cost (Procurement + Support + Installation)		0.000		0.000		0.000		0.000		0.000		268.108	
Remarks: ⁽⁵⁾ 1. EFC quantity increase of 7 in F10 to meet program requirement.													

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0576 - Common ECM Equipment	Modification Nomenclature (<i>Modification Title, Modification Number</i>): INTEGRATED DEFENSIVE ELECTRONIC CM (IDECM) 007-03) - 4

Models of Systems Affected: F/A-18E/F	Type Modification: MISSION CAPABILITY	Related RDT&E PEs: 0604270N
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2. EFC quantity increase of 8 in FY11 to meet program requirement.

Manufacturer Information: INTEGRATED DEFENSIVE ELECTRONIC CM (IDECM) 007-03)

Manufacturer Name: Manufacturer Name Not Provided. Manufacturer Location: Manufacturer Location Not Provided.

Administrative Leadtime (*in Months*): Production Leadtime (*in Months*):

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates							
Delivery Dates							

Installation: INTEGRATED DEFENSIVE ELECTRONIC CM (IDECM) 007-03)	Method of Implementation: Not Installed - ALQ-214	Installation Quantity: 85
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Installation: INTEGRATED DEFENSIVE ELECTRONIC CM (IDECM) 007-03)	Method of Implementation: Not Installed - EFC	Installation Quantity: 123
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Installation: INTEGRATED DEFENSIVE ELECTRONIC CM (IDECM) 007-03)	Method of Implementation: Not Installed - IMPLC Retrofit Kits	Installation Quantity: 580
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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0576 - Common ECM Equipment	Modification Nomenclature (<i>Modification Title, Modification Number</i>): DIRECTED INFRARED COUNTERMEASURE DoN LAIRCM (OSIP 005-08) - 5

Models of Systems Affected: CH-53E, CH46E , C-20, C-40	Type Modification: MISSION CAPABILITY MISSION CAPABILITY	Related RDT&E PEs:
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	317.512	27.320	6.343	32.855	0.000	32.855	15.976	11.729	3.325	3.572	0.000	418.632
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	317.512	27.320	6.343	32.855	0.000	32.855	15.976	11.729	3.325	3.572	0.000	418.632
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	317.512	27.320	6.343	32.855	0.000	32.855	15.976	11.729	3.325	3.572	0.000	418.632

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

DESCRIPTION/JUSTIFICATION: Urgent Overseas Contingency Operations (OCO) requirement to provide aircraft survivability against Infrared Surface-to-Air Missile (IR SAM) threats for USN/USMC rotary wing aircraft in support of Operation Iraqi Freedom and Operation Enduring Freedom. The funding from FY2008-2011 was for the A kit and B kit procurement of a Directed Infrared Countermeasure (DIRCM) capability until the next generation DIRCM is produced. Current USMC operations require improved IRCM capability against the Man-portable Air Defense Systems (MANPADs) threat. This upgrade will provide improved Missile Warning System (MWS) and IRCM performance in current theaters of operation. The upgrade incorporates improved detection capability and increased countermeasure response in a multi-target and high clutter environments.

The Department of the Navy, Large Aircraft Infrared Countermeasures (DoN LAIRCM) System (B-KIT) consists of 5 Components: Missile Warning Sensor (5 ea), Processor (1 ea), Guardian Laser Transmitter Assembly (GLTA) (2 ea), Controller Interface Unit (CIU)(1 ea), and Viper Laser (2 ea).based on the assumptions we have in the event of a critical failure (i.e.)

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: The MS C/ Full Rate Production decision for DoN LAIRCM was approved 2nd QTR FY10. DoN LAIRCM provides a cost effective solution to the Infra-Red (IR) threat with limited ability to distinguish non-threat from threat energy in high clutter environments. FY 2005 Supplemental funds enabled an analysis of a current Generation I MWS with current countermeasure dispense techniques as compared to Generation II MWS. Directed IR Countermeasures (DIRCM) system CH-53 Technology Assessment Program (TAP) used FY 2007 Supplemental funds to develop and purchase the Airframe Changes (AFC) A-Kit and B-Kit test articles. The Analysis of Alternatives (AOA) for the Assault DIRCM program was completed in July 2007. This program demonstrated the improved capability and mitigated deficiencies using the next generation system incorporating improved MWS with advanced DIRCM solution. The DoN LAIRCM effort is a pre-milestone C program with an Initial Operational Capability date of May 2009. This OSIP will provide currently available technology improvements to survivability to USMC aircraft operating in support of OIF and OEF. FY2009 through FY2013 OCO funding will be used to procure A-Kits and B-kits, Hostile Fire Indicator/Advanced Threat Warning (ATW) retrofits, along with program support. Engineering Change Order efforts for OCO increased in FY10 to support the Quantum Cascade Laser Demonstration (QCLD), potential replacement for Viper laser. Efforts will also include software upgrades, Smart Dispense capability, HFI, laser warning capabilities, and processor upgrade.

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0576 - Common ECM Equipment	Modification Nomenclature (<i>Modification Title, Modification Number</i>): DIRECTED INFRARED COUNTERMEASURE DoN LAIRCM (OSIP 005-08) - 5

Models of Systems Affected: CH-53E, CH46E , C-20, C-40	Type Modification: MISSION CAPABILITY MISSION CAPABILITY	Related RDT&E PEs:
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
DIRECTED INFRARED COUNTERMEASURE DoN LAIRCM (OSIP 005-08)												
B Kits												
Recurring												
2.1.1) DIRCM (B Kits) - Organic	7	20.252	-	-	-	-	-	-	-	-	-	-
2.1.2) OCO DIRCM (B Kits) - Organic	68	149.633	-	-	-	-	-	-	-	-	-	-
2.1.3) OCO MEON - Organic	23	1.698	-	-	-	-	-	-	-	-	-	-
2.1.4) OCO ATW Retrofit Kits - Organic	-	-	18	18.920	-	-	-	-	-	-	-	-
2.1.5) ATW Retrofit Kits - Organic	-	-	-	-	-	-	18	20.974	-	-	18	20.974
2.1.6) OCO Install Equipment C-20/C-40 NR - Organic	-	4.925	-	-	-	-	-	-	-	-	-	-
<i>Subtotal Recurring</i>		176.508		18.920		0.000		20.974		0.000		20.974
<i>Total, DIRECTED INFRARED COUNTERMEASURE DoN LAIRCM (OSIP 005-08)</i>	98	176.508	18	18.920	-	-	18	20.974	-	-	18	20.974
<i>Total, All Modifications</i>		176.508		18.920		0.000		20.974		0.000		20.974
Support												
3.1) Engineering Change Orders	-	0.900	-	-	-	0.349	-	5.675	-	-	-	5.675
3.2) OCO Engineering Change Orders	-	72.483	-	-	-	-	-	-	-	-	-	-
3.3) Data	-	0.487	-	-	-	-	-	-	-	-	-	-
3.4) OCO Data	-	0.109	-	-	-	-	-	-	-	-	-	-
3.5) Training Equipment	-	0.024	-	-	-	-	-	-	-	-	-	-
3.6) Support Equipment	-	2.190	-	-	-	-	-	-	-	-	-	-
3.7) ILS	-	4.366	-	-	-	-	-	-	-	-	-	-
3.8) OCO ILS	-	2.838	-	-	-	-	-	-	-	-	-	-
3.9) Other Support	-	20.555	-	-	-	5.994	-	6.206	-	-	-	6.206
3.10) OCO Other Support	-	37.052	-	8.400	-	-	-	-	-	-	-	-
3.11) Interim Contractor Support	-	0.000	-	-	-	-	-	-	-	-	-	-

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0576 - Common ECM Equipment	Modification Nomenclature (<i>Modification Title, Modification Number</i>): DIRECTED INFRARED COUNTERMEASURE DoN LAIRCM (OSIP 005-08) - 5

Models of Systems Affected: CH-53E, CH46E , C-20, C-40	Type Modification: MISSION CAPABILITY MISSION CAPABILITY	Related RDT&E PEs:
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
<i>Total Support Cost</i>		141.004		8.400		6.343		11.881		0.000		11.881
<i>Procurement Cost (Procurement + Support)</i>		317.512		27.320		6.343		32.855		0.000		32.855
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		317.512		27.320		6.343		32.855		0.000		32.855

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
DIRECTED INFRARED COUNTERMEASURE DoN LAIRCM (OSIP 005-08)												
B Kits												
Recurring												
2.1.1) DIRCM (B Kits) - Organic	-	-	-	-	-	-	-	-	-	-	7	20.252
2.1.2) OCO DIRCM (B Kits) - Organic	-	-	-	-	-	-	-	-	-	-	68	149.633
2.1.3) OCO MEON - Organic	-	-	-	-	-	-	-	-	-	-	23	1.698
2.1.4) OCO ATW Retrofit Kits - Organic	-	-	-	-	-	-	-	-	-	-	18	18.920
2.1.5) ATW Retrofit Kits - Organic	10	12.616	6	8.410	-	-	-	-	-	-	34	42.000
2.1.6) OCO Install Equipment C-20/C-40 NR - Organic	-	-	-	-	-	-	-	-	-	-	-	4.925
<i>Subtotal Recurring</i>		12.616		8.410		0.000		0.000		0.000		237.428
<i>Total, DIRECTED INFRARED COUNTERMEASURE DoN LAIRCM (OSIP 005-08)</i>	10	12.616	6	8.410	-	-	-	-	-	-	150	237.428
<i>Total, All Modifications</i>		12.616		8.410		0.000		0.000		0.000		237.428
Support												
3.1) Engineering Change Orders	-	-	-	-	-	-	-	-	-	-	-	6.924
3.2) OCO Engineering Change Orders	-	-	-	-	-	-	-	-	-	-	-	72.483
3.3) Data	-	-	-	-	-	-	-	-	-	-	-	0.487

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0576 - Common ECM Equipment	Modification Nomenclature (<i>Modification Title, Modification Number</i>): DIRECTED INFRARED COUNTERMEASURE DoN LAIRCM (OSIP 005-08) - 5

Models of Systems Affected: CH-53E, CH46E , C-20, C-40	Type Modification: MISSION CAPABILITY MISSION CAPABILITY	Related RDT&E PEs:
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
3.4) OCO Data	-	-	-	-	-	-	-	-	-	-	-	0.109
3.5) Training Equipment	-	-	-	-	-	-	-	-	-	-	-	0.024
3.6) Support Equipment	-	-	-	-	-	-	-	-	-	-	-	2.190
3.7) ILS	-	-	-	-	-	-	-	-	-	-	-	4.366
3.8) OCO ILS	-	-	-	-	-	-	-	-	-	-	-	2.838
3.9) Other Support	-	3.360	-	3.319	-	3.325	-	3.572	-	-	-	46.331
3.10) OCO Other Support	-	-	-	-	-	-	-	-	-	-	-	45.452
3.11) Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	-
Total Support Cost		3.360		3.319		3.325		3.572		0.000		181.204
Procurement Cost (Procurement + Support)		15.976		11.729		3.325		3.572		0.000		418.632
Total Installation Cost		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		15.976		11.729		3.325		3.572		0.000		418.632

Remarks:

Manufacturer Information: DIRECTED INFRARED COUNTERMEASURE DoN LAIRCM (OSIP 005-08)							
Manufacturer Name: Manufacturer Name Not Provided.				Manufacturer Location: Manufacturer Location Not Provided.			
Administrative Leadtime (in Months):				Production Leadtime (in Months):			
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates							
Delivery Dates							

Installation: DIRECTED INFRARED COUNTERMEASURE DoN LAIRCM (OSIP 005-08)	Method of Implementation: Not Installed - DIRCM (B Kits)	Installation Quantity: 7
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Installation: DIRECTED INFRARED COUNTERMEASURE DoN LAIRCM (OSIP 005-08)	Method of Implementation: Not Installed - OCO DIRCM (B Kits)	Installation Quantity: 68
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UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0576 - Common ECM Equipment	Modification Nomenclature <i>(Modification Title, Modification Number):</i> DIRECTED INFRARED COUNTERMEASURE DoN LAIRCM (OSIP 005-08) - 5
Models of Systems Affected: CH-53E, CH46E , C-20, C-40	Type Modification: MISSION CAPABILITY MISSION CAPABILITY	Related RDT&E PEs:
Installation: DIRECTED INFRARED COUNTERMEASURE DoN LAIRCM (OSIP 005-08)	Method of Implementation: Not Installed - OCO MEON	Installation Quantity: 23
Installation: DIRECTED INFRARED COUNTERMEASURE DoN LAIRCM (OSIP 005-08)	Method of Implementation: Not Installed - OCO ATW Retrofit Kits	Installation Quantity: 18
Installation: DIRECTED INFRARED COUNTERMEASURE DoN LAIRCM (OSIP 005-08)	Method of Implementation: Not Installed - ATW Retrofit Kits	Installation Quantity: 34

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0576 - Common ECM Equipment	Modification Nomenclature (<i>Modification Title, Modification Number</i>): UC-35D AIRCRAFT SURVIVABILITY EQUIPMENT (ASE) (OSIP 011-11). - 6

Models of Systems Affected: UC-35D	Type Modification: [No Modification Type Specified]	Related RDT&E PEs:
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	0.000	3.700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.700
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	0.000	3.700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.700
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	0.000	3.700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.700

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

DESCRIPTION/JUSTIFICATION:

Southwest Asia Marine Expeditionary Force (MEF) Commanders lack light Operational Support Aircraft (OSA) lift assets capable of operating in threat Surface To Air Missile (SAM) environments of Southwest Asia (i.e. Iraq, Afghanistan). As a consequence, limited high value medium lift logistic assets (KC-130s) capable of operating in threat SAM environments, are being tasked to perform light OSA personnel and material movement requirements. To fill this OSA requirement, the UC-35D is being modified with an Aircraft Survivability Equipment (ASE) system to provide relief to tactical assets that are better utilized in direct support to the warfighter. This requirement was validated in the Marine Requirement Oversight Council Decision Memorandum (MROCDM) UC-35D ASE Urgent Universal Needs Statement (UUNS) 05081UA (7-22-2005) and endorsed by Headquarters Marine Corp Deputy Commander for Aviation (HQMC/DC(A)) in letter APP-34/3900, dated Jul 3, 2007. Three of seven Marine UC-35D aircraft have already been modified with an ASE system. This OSIP upgrades the remaining UC-35D aircraft with the same ASE A-Kit configuration

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0576 - Common ECM Equipment	Modification Nomenclature (<i>Modification Title, Modification Number</i>): UC-35D AIRCRAFT SURVIVABILITY EQUIPMENT (ASE) (OSIP 011-11). - 6

Models of Systems Affected: UC-35D	Type Modification: [No Modification Type Specified]	Related RDT&E PEs:
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
UC-35D AIRCRAFT SURVIVABILITY EQUIPMENT (ASE) (OSIP 011-11).												
A Kits												
Recurring												
1.1.1 UC-3D ASE (OCO) - NonOrganic	-	-	4	1.420	-	-	-	-	-	-	-	-
<i>Subtotal Recurring</i>		0.000		1.420		0.000		0.000		0.000		0.000
<i>Total, UC-35D AIRCRAFT SURVIVABILITY EQUIPMENT (ASE) (OSIP 011-11).</i>	-	-	4	1.420	-	-	-	-	-	-	-	-
<i>Total, All Modifications</i>		0.000		1.420		0.000		0.000		0.000		0.000
Support												
3.1) Engineering Change Orders	-	0.000	-	-	-	-	-	-	-	-	-	-
3.2) Data	-	0.000	-	-	-	-	-	-	-	-	-	-
3.3) ILS	-	0.000	-	-	-	-	-	-	-	-	-	-
3.4) Training Equipment	-	0.000	-	-	-	-	-	-	-	-	-	-
3.5) Support Equipment	-	0.000	-	-	-	-	-	-	-	-	-	-
3.6) Other Support	-	0.000	-	-	-	-	-	-	-	-	-	-
3.7) Interim Contractor Support	-	0.000	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
<i>Procurement Cost (Procurement + Support)</i>		0.000		1.420		0.000		0.000		0.000		0.000
<i>Total Installation Cost</i>		0.000		2.280		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		0.000		3.700		0.000		0.000		0.000		0.000

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
UC-35D AIRCRAFT SURVIVABILITY EQUIPMENT (ASE) (OSIP 011-11).												
A Kits												
Recurring												

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0576 - Common ECM Equipment	Modification Nomenclature (<i>Modification Title, Modification Number</i>): UC-35D AIRCRAFT SURVIVABILITY EQUIPMENT (ASE) (OSIP 011-11). - 6

Models of Systems Affected: UC-35D	Type Modification: [No Modification Type Specified]	Related RDT&E PEs:
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
1.1.1) UC-3D ASE (OCO) - NonOrganic	-	-	-	-	-	-	-	-	-	-	4	1.420
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		1.420
<i>Total, UC-35D AIRCRAFT SURVIVABILITY EQUIPMENT (ASE) (OSIP 011-11).</i>	-	-	-	-	-	-	-	-	-	-	4	1.420
<i>Total, All Modifications</i>		0.000		0.000		0.000		0.000		0.000		1.420
Support												
3.1) Engineering Change Orders	-	-	-	-	-	-	-	-	-	-	-	-
3.2) Data	-	-	-	-	-	-	-	-	-	-	-	-
3.3) ILS	-	-	-	-	-	-	-	-	-	-	-	-
3.4) Training Equipment	-	-	-	-	-	-	-	-	-	-	-	-
3.5) Support Equipment	-	-	-	-	-	-	-	-	-	-	-	-
3.6) Other Support	-	-	-	-	-	-	-	-	-	-	-	-
3.7) Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
<i>Procurement Cost (Procurement + Support)</i>		0.000		0.000		0.000		0.000		0.000		1.420
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		2.280
Total Cost (Procurement + Support + Installation)		0.000		0.000		0.000		0.000		0.000		3.700

Remarks:

Manufacturer Information: UC-35D AIRCRAFT SURVIVABILITY EQUIPMENT (ASE) (OSIP 011-11).

Manufacturer Name: TBD	Manufacturer Location: TBD
Administrative Leadtime (in Months): 6	Production Leadtime (in Months): 1

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates	Apr 2011						
Delivery Dates	May 2011						

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0576 - Common ECM Equipment	Modification Nomenclature (<i>Modification Title, Modification Number</i>): UC-35D AIRCRAFT SURVIVABILITY EQUIPMENT (ASE) (OSIP 011-11). - 6

Models of Systems Affected: UC-35D	Type Modification: [No Modification Type Specified]	Related RDT&E PEs:
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Installation: UC-35D AIRCRAFT SURVIVABILITY EQUIPMENT (ASE) (OSIP 011-11).	Method of Implementation: CONTRACTOR DEPOT	Installation Name: UC-3D ASE (OCO)
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	4	2.280	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	4	2.280	-	-	-	-	-	-	-	-

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	4	2.280
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	4	2.280

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0576 - Common ECM Equipment	Modification Nomenclature (<i>Modification Title, Modification Number</i>): UC-35D AIRCRAFT SURVIVABILITY EQUIPMENT (ASE) (OSIP 011-11). - 6

Models of Systems Affected: UC-35D	Type Modification: [No Modification Type Specified]	Related RDT&E PEs:
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Installation: UC-35D AIRCRAFT SURVIVABILITY EQUIPMENT (ASE) (OSIP 011-11).	Method of Implementation: CONTRACTOR DEPOT	Installation Name: UC-3D ASE (OCO)
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Installation Schedule																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4		
Out	-	-	-	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4		

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0576 - Common ECM Equipment	Modification Nomenclature (<i>Modification Title, Modification Number</i>): COMMON ON-BOARD JAMMER (OBJ) (OSIP 004-12) - 7

Models of Systems Affected: F/A-18C/D/E/F	Type Modification: MISSION CAPABILITY	Related RDT&E PEs: 0604270N
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	0.000	0.000	40.272	57.067	0.000	57.067	84.305	102.388	133.449	51.569	156.382	625.432
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	0.000	0.000	40.272	57.067	0.000	57.067	84.305	102.388	133.449	51.569	156.382	625.432
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	0.000	0.000	40.272	57.067	0.000	57.067	84.305	102.388	133.449	51.569	156.382	625.432

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

DESCRIPTION/JUSTIFICATION: IDECM Block 4 is an Engineering Change Proposal (ECP) to the ALQ-214 intended to render it suitable for operation on the F/A-18C/D aircraft, while retaining all IDECM suite functionality when installed on F/A-18E/F aircraft. This ECP will result in a Common On-Board Jammer (OBJ) system that must meet the requirements of the OBJ Block 2 Operational Requirements Document (ORD) #624-78-03 and be compatible with the ALE-55 Fiber Optic Towed Decoy (FOTD). The Electronic Frequency Converter (EFC) enables dataflow via the fiber optic cable to the FOTD and is part of the IB-4 configuration when installed on the F/A-18E/F aircraft. This Operational Safety Improvement Program (OSIP) is for the onboard portion of the IDECM Block 4 configuration.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: The ALQ-214 received MS III approval in January 2004 and is still in Full Rate Production (FRP). FRP Lots 1-8 are covered by OSIP 07-03. FRP 9 is the first ALQ-214 production lot in the IB-4 configuration and is planned for FY 2012. FRP 10 will be the second production transition contract which is planned in FY 2013. Production line transition to the IB-4 configuration will be complete in FY 2014. Annual production contract awards are expected to continue through FY 2020. Additional ALQ-214 systems are being procured in FY14-FY16 to reflect the service life extension of the F/A-18C/D aircraft and procurement of additional F/A-18E/F aircraft. A total of 190 IB-4 ALQ-214s are planned for procurement.

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0576 - Common ECM Equipment	Modification Nomenclature (<i>Modification Title, Modification Number</i>): COMMON ON-BOARD JAMMER (OBJ) (OSIP 004-12) - 7

Models of Systems Affected: F/A-18C/D/E/F	Type Modification: MISSION CAPABILITY	Related RDT&E PEs: 0604270N
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
COMMON ON-BOARD JAMMER (OBJ)(OSIP 004-12)												
B Kits												
Recurring												
2.1.1) EFC - Organic	-	-	-	-	38	4.788	46	4.712	-	-	46	4.712
<i>Subtotal Recurring</i>		0.000		0.000		4.788		4.712		0.000		4.712
NonRecurring												
2.2.2) ALQ-214 - Organic	-	-	-	-	7	25.357	15	43.972	-	-	15	43.972
<i>Subtotal NonRecurring</i>		0.000		0.000		25.357		43.972		0.000		43.972
<i>Total, COMMON ON-BOARD JAMMER (OBJ)(OSIP 004-12)</i>	-	-	-	-	45	30.145	61	48.684	-	-	61	48.684
<i>Total, All Modifications</i>		0.000		0.000		30.145		48.684		0.000		48.684
Support												
3.1) Engineering Change Orders	-	0.000	-	-	-	-	-	-	-	-	-	-
3.2) Data	-	0.000	-	-	-	-	-	-	-	-	-	-
3.3) Training Equipment	-	0.000	-	-	-	-	-	-	-	-	-	-
3.4) Support Equipment	-	0.000	-	-	-	-	-	-	-	-	-	-
3.5) ILS	-	0.000	-	-	-	-	-	-	-	-	-	-
3.6) Other Support	-	-	-	-	-	10.127	-	8.383	-	-	-	8.383
3.7) Interim Contractor Support	-	0.000	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		0.000		0.000		10.127		8.383		0.000		8.383
<i>Procurement Cost (Procurement + Support)</i>		0.000		0.000		40.272		57.067		0.000		57.067
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		0.000		0.000		40.272		57.067		0.000		57.067

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
COMMON ON-BOARD JAMMER (OBJ)(OSIP 004-12)												

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0576 - Common ECM Equipment
		Modification Nomenclature (<i>Modification Title, Modification Number</i>): COMMON ON-BOARD JAMMER (OBJ) (OSIP 004-12) - 7

Models of Systems Affected: F/A-18C/D/E/F	Type Modification: MISSION CAPABILITY	Related RDT&E PEs: 0604270N
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
B Kits												
Recurring												
2.1.1) EFC - Organic	52	6.653	39	5.508	19	3.380	-	-	-	-	194	25.041
<i>Subtotal Recurring</i>		6.653		5.508		3.380		0.000		0.000		25.041
NonRecurring												
2.2.2) ALQ-214 - Organic	26	69.610	34	88.406	50	120.904	16	44.382	42	123.140	190	515.771
<i>Subtotal NonRecurring</i>		69.610		88.406		120.904		44.382		123.140		515.771
<i>Total, COMMON ON-BOARD JAMMER (OBJ)(OSIP 004-12)</i>	78	76.263	73	93.914	69	124.284	16	44.382	42	123.140	384	540.812
<i>Total, All Modifications</i>		76.263		93.914		124.284		44.382		123.140		540.812
Support												
3.1) Engineering Change Orders	-	-	-	-	-	-	-	-	-	-	-	-
3.2) Data	-	-	-	-	-	-	-	-	-	-	-	-
3.3) Training Equipment	-	-	-	-	-	-	-	-	-	-	-	-
3.4) Support Equipment	-	-	-	-	-	-	-	-	-	-	-	-
3.5) ILS	-	-	-	-	-	-	-	-	-	-	-	-
3.6) Other Support	-	8.042	-	8.474	-	9.165	-	7.187	-	33.242	-	84.620
3.7) Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		8.042		8.474		9.165		7.187		33.242		84.620
<i>Procurement Cost (Procurement + Support)</i>		84.305		102.388		133.449		51.569		156.382		625.432
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		84.305		102.388		133.449		51.569		156.382		625.432

Remarks:

Manufacturer Information: COMMON ON-BOARD JAMMER (OBJ)(OSIP 004-12)

Manufacturer Name: Manufacturer Name Not Provided. Manufacturer Location: Manufacturer Location Not Provided.

Administrative Leadtime (*in Months*): Production Leadtime (*in Months*):

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates							

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Exhibit P-3A, Individual Modification: PB 2013 Navy						Date: February 2012	
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1			P-1 Line Item Nomenclature: 0576 - Common ECM Equipment			Modification Nomenclature (<i>Modification Title, Modification Number</i>): COMMON ON-BOARD JAMMER (OBJ) (OSIP 004-12) - 7	
Models of Systems Affected: F/A-18C/D/E/F			Type Modification: MISSION CAPABILITY			Related RDT&E PEs: 0604270N	
Manufacturer Information: COMMON ON-BOARD JAMMER (OBJ)(OSIP 004-12)							
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Delivery Dates							
Installation: COMMON ON-BOARD JAMMER (OBJ)(OSIP 004-12)							
Method of Implementation: Not Installed - EFC			Installation Quantity: 194				
Installation: COMMON ON-BOARD JAMMER (OBJ)(OSIP 004-12)							
Method of Implementation: Not Installed - ALQ-214			Installation Quantity: 190				

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0576 - Common ECM Equipment	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Corrections of Discrepancies (OSIP 017-12) - 8

Models of Systems Affected: F/A-18C/D/E/F	Type Modification: SAFETY/RELIABILITY	Related RDT&E PEs:
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	0.000	0.000	0.195	0.293	0.000	0.293	0.341	0.341	0.489	0.499	0.000	2.158
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	0.000	0.000	0.195	0.293	0.000	0.293	0.341	0.341	0.489	0.499	0.000	2.158
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	0.000	0.000	0.195	0.293	0.000	0.293	0.341	0.341	0.489	0.499	0.000	2.158

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

DESCRIPTION/JUSTIFICATION: This Operational Safety Improvement Program (OSIP) is for the correction of discrepancies and to effect changes to ALR-67(V) 2 system and ECM equipment in aircraft that have been delivered for fleet operations. This system requires various upgrade initiative and logistic support to keep the F/A-18 a capable aircraft with a robust defensive system that improves its survivability. This OSIP will provide funding for the upgarde of the ALR-67(V)2 computer, Low Band Antenna, Special Receiver and Quadrant Receiver weapons replaceable assemblies.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: The contractor will develop Preliminary Design Review (PDR) for Program Control Unit (PCU) 1 drawing package and prototype CCA's, perform Critical Design Review (CDR). Contractor to conduct system testing, evaluations, environmental and qualification testnig. The contractor to modify SRA's with DMS issues and develop ATP's and ECP, verify testing and evaluations of new designs. The U.S. Navy FST will provide system engineering qualification on aircraft, support equipment, develope Technical Directive (TD) and any additional ILS support requirements. Software support activity (SSA) U.S. Navy and contractor to develop software integrations.

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Exhibit P-3A, Individual Modification: PB 2013 Navy								Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0576 - Common ECM Equipment				Modification Nomenclature (<i>Modification Title, Modification Number</i>): Corrections of Discrepancies (OSIP 017-12) - 8					
Models of Systems Affected: F/A-18C/D/E/F			Type Modification: SAFETY/RELIABILITY					Related RDT&E PEs:					
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
Corrections of Discrepancies (OSIP 017-12)													
A Kits													
Recurring													
1.1.1) RR-2055 Special Receiver (SRA) - Organic													
	-	-	-	-	3	0.195	-	-	-	-	-	-	
1.1.2) CP-1293 PCU-1 - Organic													
	-	-	-	-	-	-	-	0.293	-	-	-	0.293	
<i>Subtotal Recurring</i>													
		0.000		0.000		0.195		0.293		0.000		0.293	
<i>Total, Corrections of Discrepancies (OSIP 017-12)</i>													
		-		-		3		0.195		-		0.293	
<i>Total, All Modifications</i>													
		0.000		0.000		0.195		0.293		0.000		0.293	
Support													
3.1) Engineering Change Orders													
	-	0.000	-	-	-	-	-	-	-	-	-	-	
3.2) Data													
	-	0.000	-	-	-	-	-	-	-	-	-	-	
3.3) Training Equipment													
	-	0.000	-	-	-	-	-	-	-	-	-	-	
3.4) Support Equipment													
	-	0.000	-	-	-	-	-	-	-	-	-	-	
3.5) ILS													
	-	0.000	-	-	-	-	-	-	-	-	-	-	
3.6) Other Support													
	-	0.000	-	-	-	-	-	-	-	-	-	-	
3.7) Interim Contractor Support													
	-	0.000	-	-	-	-	-	-	-	-	-	-	
<i>Total Support Cost</i>													
		0.000		0.000		0.000		0.000		0.000		0.000	
<i>Procurement Cost (Procurement + Support)</i>													
		0.000		0.000		0.195		0.293		0.000		0.293	
<i>Total Installation Cost</i>													
		0.000		0.000		0.000		0.000		0.000		0.000	
Total Cost (Procurement + Support + Installation)													
		0.000		0.000		0.195		0.293		0.000		0.293	
Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
Corrections of Discrepancies (OSIP 017-12)													
A Kits													
Recurring													

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0576 - Common ECM Equipment	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Corrections of Discrepancies (OSIP 017-12) - 8

Models of Systems Affected: F/A-18C/D/E/F	Type Modification: SAFETY/RELIABILITY	Related RDT&E PEs:
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
1.1.1) RR-2055 Special Receiver (SRA) - Organic	-	-	-	-	-	-	-	-	-	-	3	0.195
1.1.2) CP-1293 PCU-1 - Organic	-	0.341	-	0.341	-	0.489	-	0.499	-	-	-	1.963
<i>Subtotal Recurring</i>		0.341		0.341		0.489		0.499		0.000		2.158
<i>Total, Corrections of Discrepancies (OSIP 017-12)</i>	-	0.341	-	0.341	-	0.489	-	0.499	-	-	3	2.158
<i>Total, All Modifications</i>		0.341		0.341		0.489		0.499		0.000		2.158
Support												
3.1) Engineering Change Orders	-	-	-	-	-	-	-	-	-	-	-	-
3.2) Data	-	-	-	-	-	-	-	-	-	-	-	-
3.3) Training Equipment	-	-	-	-	-	-	-	-	-	-	-	-
3.4) Support Equipment	-	-	-	-	-	-	-	-	-	-	-	-
3.5) ILS	-	-	-	-	-	-	-	-	-	-	-	-
3.6) Other Support	-	-	-	-	-	-	-	-	-	-	-	-
3.7) Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
<i>Procurement Cost (Procurement + Support)</i>		0.341		0.341		0.489		0.499		0.000		2.158
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		0.341		0.341		0.489		0.499		0.000		2.158

Remarks:

Manufacturer Information: Corrections of Discrepancies (OSIP 017-12)

Manufacturer Name: Manufacturer Name Not Provided. Manufacturer Location: Manufacturer Location Not Provided.

Administrative Leadtime (in Months): Production Leadtime (in Months):

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates							
Delivery Dates							

Installation: Corrections of Discrepancies (OSIP 017-12)	Method of Implementation: Not Installed - RR-2055 Special Receiver (SRA)	Installation Quantity: 3
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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0576 - Common ECM Equipment	Modification Nomenclature (<i>Modification Title, Modification Number</i>): 06-14 Joint Allied Threat and Awareness System (JATAS): - 9

Models of Systems Affected: MV-22, AH-1Z, UH-1Y, MH-60R, MH-60S	Type Modification: Mission Capability	Related RDT&E PEs: 0604272N
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	0.000	0.000	0.000	0.000	0.000	0.000	17.611	17.587	19.581	109.616	1,009.742	1,174.137
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	0.000	0.000	0.000	0.000	0.000	0.000	17.611	17.587	19.581	109.616	1,009.742	1,174.137
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	0.000	0.000	0.000	0.000	0.000	0.000	17.611	17.587	19.581	109.616	1,009.742	1,174.137

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

DESCRIPTION/JUSTIFICATION: The Joint and Allied Threat Awareness System (JATAS) is required to provide assault aircraft with a reliable surface-to-air Infrared (IR) missile/Hostile Fire Indication (HFI) threat detection system. This capability must provide accurate and timely warning in all flight regimes, ambient light conditions, clutter backgrounds and weather conditions. It must be capable of providing countermeasure cueing to flares and/or a Directional Infrared Countermeasures (DIRCM). JATAS will enable assault Aircraft Survivability Equipment to detect and provide countermeasure cueing to current and emerging threats. Lead Department of the Navy platform for this capability is the MV-22. The JATAS system (B-Kit) consists of a processor and sensors; 6 sensors on the MV-22 platform and 5 sensors on all other platforms.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: A JATAS Capabilities Development Document (CDD) was approved in a Joint Requirements Oversight Council Memorandum dated 18 February 2011. Per the CDD, the JATAS will be an advanced Missile Warning System (MWS) designed to replace the legacy AN/AAR-47(V) MWS and increase the survivability of Marine Corps and Navy tilt-rotor and rotary wing aircraft against infrared threats. Additionally, the system will provide aircrew with warnings of laser-enabled weapon systems such as range finders, illuminators, and beam riders. The JATAS will interface with existing AN/ALE-47 Countermeasures Dispensing System, existing AN/APR-39 Radar Warning Receiver, existing Department of the Navy Large Aircraft Infrared Countermeasure system, and other compatible Directed Infrared Countermeasures systems as part of an integrated electronic countermeasures response to attacking infrared missiles. Additionally, the JATAS will be upgradeable to provide Hostile Fire Indication (HFI) of small arms, rockets and other unguided threats and provide situational awareness in Visually Degraded Environments. Per the CDD, JATAS will be developed in two increments. Increment I (Phase I) includes the missile and laser warning capabilities and cueing of countermeasure systems. Increment I (Phase II) will add HFI capability against Type I and III threats during the Engineering and Manufacturing Development phase of this program. Increment II, when future technology advancements and funding permit, will develop HFI capability against Type II threats. The Joint and Allied Threat Awareness System (JATAS) Engineering and Manufacturing Development (EMD) phase will be executed via a fixed price incentive firm (FPIF) contract over an approximate 48-month period of performance, with one FPIF option for the low-rate initial production lot and firm-fixed price options for the first seven full-rate production lots. A JATAS Technology Development phase contract was awarded in FY2009 and the Milestone B decision and EMD contract was awarded in 4th Quarter FY2011. JATAS Initial Operational Capability is planned for FY2015.

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0576 - Common ECM Equipment	Modification Nomenclature (<i>Modification Title, Modification Number</i>): 06-14 Joint Allied Threat and Awareness System (JATAS): - 9

Models of Systems Affected: MV-22, AH-1Z, UH-1Y, MH-60R, MH-60S	Type Modification: Mission Capability	Related RDT&E PEs: 0604272N
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
06-14 Joint Allied Threat and Awareness System (JATAS):												
B Kits												
Recurring												
2.1.1) MV-22B - Organic	-	-	-	-	-	-	-	-	-	-	-	-
2.1.2) AH-1Z - Organic	-	-	-	-	-	-	-	-	-	-	-	-
2.1.3) UH-1Y - Organic	-	-	-	-	-	-	-	-	-	-	-	-
2.1.4) MH-60R - Organic	-	-	-	-	-	-	-	-	-	-	-	-
2.1.5) MH-60S - Organic	-	-	-	-	-	-	-	-	-	-	-	-
2.1.6) Installation Equipment N/R - Organic	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		0.000
<i>Total, 06-14 Joint Allied Threat and Awareness System (JATAS):</i>	-	-	-	-	-	-	-	-	-	-	-	-
<i>Total, All Modifications</i>		0.000		0.000		0.000		0.000		0.000		0.000
Support												
3.1) Engineering Change Orders	-	-	-	-	-	-	-	-	-	-	-	-
3.2) Data	-	-	-	-	-	-	-	-	-	-	-	-
3.3) Training Equipment	-	-	-	-	-	-	-	-	-	-	-	-
3.4) Support Equipment	-	-	-	-	-	-	-	-	-	-	-	-
3.5) ILS	-	-	-	-	-	-	-	-	-	-	-	-
3.6) Other Support	-	-	-	-	-	-	-	-	-	-	-	-
3.7) Interim Contractor Support	-	0.000	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
<i>Procurement Cost (Procurement + Support)</i>		0.000		0.000		0.000		0.000		0.000		0.000
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		0.000		0.000		0.000		0.000		0.000		0.000

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0576 - Common ECM Equipment	Modification Nomenclature (<i>Modification Title, Modification Number</i>): 06-14 Joint Allied Threat and Awareness System (JATAS): - 9

Models of Systems Affected: MV-22, AH-1Z, UH-1Y, MH-60R, MH-60S	Type Modification: Mission Capability	Related RDT&E PEs: 0604272N
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
06-14 Joint Allied Threat and Awareness System (JATAS):												
B Kits												
Recurring												
2.1.1) MV-22B - Organic	8	10.262	8	10.468	8	10.677	48	40.909	154	124.578	226	196.894
2.1.2) AH-1Z - Organic	-	-	-	-	-	-	24	17.693	165	123.337	189	141.030
2.1.3) UH-1Y - Organic	-	-	-	-	-	-	36	26.540	124	86.674	160	113.214
2.1.4) MH-60R - Organic	-	-	-	-	-	-	0	0.000	222	180.567	222	180.567
2.1.5) MH-60S - Organic	-	-	-	-	-	-	0	0.000	168	134.900	168	134.900
2.1.6) Installation Equipment N/R - Organic	-	-	-	0.100	-	0.200	-	0.500	-	3.577	-	4.377
<i>Subtotal Recurring</i>		10.262		10.568		10.877		85.642		653.633		770.982
<i>Total, 06-14 Joint Allied Threat and Awareness System (JATAS):</i>	8	10.262	8	10.568	8	10.877	108	85.642	833	653.633	965	770.982
<i>Total, All Modifications</i>		10.262		10.568		10.877		85.642		653.633		770.982
Support												
3.1) Engineering Change Orders	-	1.026	-	1.047	-	1.070	-	8.514	-	65.009	-	76.666
3.2) Data	-	0.200	-	0.300	-	0.400	-	1.500	-	24.000	-	26.400
3.3) Training Equipment	-	0.200	-	0.200	-	0.298	-	1.250	-	27.500	-	29.448
3.4) Support Equipment	-	0.100	-	0.150	-	0.450	-	1.200	-	40.000	-	41.900
3.5) ILS	-	0.200	-	0.200	-	0.525	-	0.800	-	25.000	-	26.725
3.6) Other Support	-	5.623	-	5.122	-	5.961	-	10.710	-	174.600	-	202.016
3.7) Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		7.349		7.019		8.704		23.974		356.109		403.155
<i>Procurement Cost (Procurement + Support)</i>		17.611		17.587		19.581		109.616		1,009.742		1,174.137
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		17.611		17.587		19.581		109.616		1,009.742		1,174.137

Remarks:

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0576 - Common ECM Equipment	Modification Nomenclature (<i>Modification Title, Modification Number</i>): 06-14 Joint Allied Threat and Awareness System (JATAS): - 9
Models of Systems Affected: MV-22, AH-1Z, UH-1Y, MH-60R, MH-60S	Type Modification: Mission Capability	Related RDT&E PEs: 0604272N

Manufacturer Information: 06-14 Joint Allied Threat and Awareness System (JATAS):							
Manufacturer Name: Manufacturer Name Not Provided.				Manufacturer Location: Manufacturer Location Not Provided.			
Administrative Leadtime (<i>in Months</i>):				Production Leadtime (<i>in Months</i>):			
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates							
Delivery Dates							

Installation: 06-14 Joint Allied Threat and Awareness System (JATAS):	Method of Implementation: Not Installed - MV-22B	Installation Quantity: 226
Installation: 06-14 Joint Allied Threat and Awareness System (JATAS):	Method of Implementation: Not Installed - AH-1Z	Installation Quantity: 189
Installation: 06-14 Joint Allied Threat and Awareness System (JATAS):	Method of Implementation: Not Installed - UH-1Y	Installation Quantity: 160
Installation: 06-14 Joint Allied Threat and Awareness System (JATAS):	Method of Implementation: Not Installed - MH-60R	Installation Quantity: 222
Installation: 06-14 Joint Allied Threat and Awareness System (JATAS):	Method of Implementation: Not Installed - MH-60S	Installation Quantity: 168

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Exhibit P-3A, Individual Modification: PB 2013 Navy							Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1			P-1 Line Item Nomenclature: 0576 - Common ECM Equipment				Modification Nomenclature (<i>Modification Title, Modification Number</i>): Inactive OSIPs - 10					

Models of Systems Affected: [No Model Specified] **Type Modification:** [No Modification Type Specified] **Related RDT&E PEs:**

Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	5.028	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.028
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	5.028	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.028
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	5.028	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.028

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0576 - Common ECM Equipment	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Inactive OSIPs - 10

Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs:
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
Inactive OSIPs												
A Kits												
Recurring												
1.1.1) Inactive OSIP - Organic	-	5.028	-	-	-	-	-	-	-	-	-	-
<i>Subtotal Recurring</i>		5.028		0.000		0.000		0.000		0.000		0.000
<i>Total, Inactive OSIPs</i>	-	5.028	-	-	-	-	-	-	-	-	-	-
<i>Total, All Modifications</i>		5.028		0.000		0.000		0.000		0.000		0.000
Support												
3.1) New Cost Element.	-	0.000	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
<i>Procurement Cost (Procurement + Support)</i>		5.028		0.000		0.000		0.000		0.000		0.000
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		5.028		0.000		0.000		0.000		0.000		0.000

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
Inactive OSIPs												
A Kits												
Recurring												
1.1.1) Inactive OSIP - Organic	-	-	-	-	-	-	-	-	-	-	-	5.028
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		5.028
<i>Total, Inactive OSIPs</i>	-	-	-	-	-	-	-	-	-	-	-	5.028
<i>Total, All Modifications</i>		0.000		0.000		0.000		0.000		0.000		5.028
Support												
3.1) New Cost Element.	-	-	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0576 - Common ECM Equipment	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Inactive OSIPs - 10

Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs:
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
<i>Procurement Cost (Procurement + Support)</i>		0.000		0.000		0.000		0.000		0.000		5.028
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		0.000		0.000		0.000		0.000		0.000		5.028

Remarks:

Manufacturer Information: Inactive OSIPs

Manufacturer Name: Manufacturer Name Not Provided. Manufacturer Location: Manufacturer Location Not Provided.

Administrative Leadtime (*in Months*): Production Leadtime (*in Months*):

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates							
Delivery Dates							

Installation: Inactive OSIPs

Method of Implementation: No Quantities Associated with Install **Installation Quantity:** 0

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Exhibit P-40, Budget Item Justification Sheet: PB 2013 Navy **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 1506N : Aircraft Procurement, Navy / BA 5 : Modification of Aircraft / BSA 1 : Modification Of Aircraft	P-1 Line Item Nomenclature: 0577 - Common Avionics Changes
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ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	1,984.422	93.464	147.760	96.183	0.570	96.753	123.637	140.887	166.716	161.919	885.726	3,801.284
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	1,984.422	93.464	147.760	96.183	0.570	96.753	123.637	140.887	166.716	161.919	885.726	3,801.284
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	1,984.422	93.464	147.760	96.183	0.570	96.753	123.637	140.887	166.716	161.919	885.726	3,801.284
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

This line item funds common avionics equipment for multiple aircraft. With the exception of OSIPs 43-94 (Flight Data Recorders), 14-97 (KC-130T GPWS), 17-98 (Helo GPWS), and 24-99 (CAS), the individual aircraft platforms fund the "A" kits and installation in the appropriate aircraft line.

The specific modifications budgeted and programmed are: (1) The NAVSTAR Global Positioning System (GPS) program is designed to provide a highly accurate position and time to users worldwide in all weather conditions. The GPS will interface with communication, navigation, and weapon systems equipment (standard attitude heading reference systems, inertial navigation systems, on-board computers, etc.) in selected applications. GPS is a DoD mandated requirement for all aircraft operating in the National Air Space System after the year 2000. (2) The AN/ARC-210 Electronic Protection (EP) Combination Radio provides dual V/UHF capability for CV based TACAIR; VHF AM for close air support and maritime channels; VHF AM for air traffic control; and EP capabilities. The AN/ARC-210 can be controlled by either a remote control unit or via MIL-STD-1553 multiplex data bus. (3) The Ground Proximity Warning System (GPWS) provides visual and aural warnings to the pilot when the aircraft is in a condition that could result in a controlled flight into terrain accident. (4) Communication Navigation Surveillance/ Air Traffic Management (CNS/ATM) provides civil upgrades to communications, navigation, and surveillance systems enabling shift from Air Traffic Control to Air Traffic Management in increasingly congested airspace and frequency spectrum. (5) The Tactical Air Moving Map Capability (TAMMAC), the common solution for US Naval Aviation, provides a common tactical aircraft moving map and data loading capability and replaces current obsolete Fleet equipment. (6) The Advanced Mission Computer and Display (AMC&D) capabilities including common modules and common Core System Software, will replace existing obsolete AV8B Mission Systems Computer and aging/obsolete AN/AYK-14(V) Mission Computer and Contractor Furnished Equipment Displays. (7) Attitude Gyro Upgrade replaces obsolete gyros in naval aviation aircraft with a more reliable and maintainable gyro. (8) Aircrew Wireless Internal Communications System (AWICS) is a safety generated program that provides a wireless ICS capability to prevent aircrew/passenger entanglement with ICS long cords in the event of mishap and allows unimpeded movement throughout the aircraft. (9) Avionics Component Improvement Program (AVCIP) provides resources to address critical readiness and reliability deficiencies, obsolescence, loss of sustainability and top Fleet repair cost drivers in Naval avionics systems. (10) Commercial Off the Shelf (COTS) Safety Systems program procures off the shelf safety enhancements to Naval aircraft to enhance aircrew and aircraft survivability. (11) Blue Force Situational Awareness (BFSA) actively or passively identify and track US, allied, or coalition forces for the purpose of providing enhanced battle space situational awareness and reducing fratricide. (12) Military Flight Operations Quality Assurance (MFOQA) provides the war fighter with timely and quantitative information regarding aircrew and system performance for improving safety, operational efficiency, and readiness.

The overall goal of the modifications budgeted in FY 2013 is to procure the common equipment required for the individual aircraft platforms. The specific modifications budgeted and programmed are:

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Exhibit P-40, Budget Item Justification Sheet: PB 2013 Navy **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity:
1506N : Aircraft Procurement, Navy / BA 5 : Modification of Aircraft / BSA 1 :
Modification Of Aircraft

P-1 Line Item Nomenclature:
0577 - Common Avionics Changes

ID Code (A=Service Ready, B=Not Service Ready) : A **Program Elements for Code B Items:** **Other Related Program Elements:**

Item Schedule		ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Global Positioning System (GPS) (OSIP 71-88) - 1	P3A		-	-	341.562	-	-	11.121	-	-	8.434	-	-	8.025	-	-	0.000	-	-	8.025
AN/ARC-210 Electronic Protection (EP) Combination Radio (OSIP 04-94) - 2	P3A		-	-	304.438	-	-	0.627	-	-	0.600	-	-	0.600	-	-	0.000	-	-	0.600
Ground Proximity Warning System (GPWS CAT I) Fixed Wing (OSIP 14-97) - 3	P3A		-	-	101.033	-	-	1.676	-	-	0.687	-	-	0.150	-	-	0.000	-	-	0.150
Ground Proximity Warning System (GPWS CAT III) Rotary Wing (OSIP 17-98) - 4	P3A		-	-	71.611	-	-	0.000	-	-	0.822	-	-	0.400	-	-	0.000	-	-	0.400
Communication - Navigation - Surveillance / Air Traffic Management (CNS/ATM) Systems (OSIP 21-01) - 5	P3A		-	-	409.807	-	-	55.619	-	-	100.096	-	-	53.192	-	-	0.000	-	-	53.192
Advanced Mission Computer & Displays (AMC&D)/ Multipurpose Color Display (MPCD) (OSIP 01-02) - 6	P3A		-	-	314.455	-	-	4.526	-	-	14.360	-	-	8.416	-	-	0.000	-	-	8.416
Tactical Aircraft Moving Map Capability (TAMMAC) (OSIP 02-02) - 7	P3A		-	-	118.074	-	-	0.100	-	-	5.574	-	-	2.490	-	-	0.000	-	-	2.490
Attitude Gyro Upgrade (OSIP 07-04) - 8	P3A		-	-	51.991	-	-	0.966	-	-	0.700	-	-	0.000	-	-	0.000	-	-	0.000
Aircrew Wireless Internal Communications System (AWICS) (OSIP 09-04) - 9	P3A		-	-	20.842	-	-	2.733	-	-	2.110	-	-	2.580	-	-	0.000	-	-	2.580
Avionics Component Improvement Program (AvCIP) (OSIP 11-09) - 10	P3A		-	-	3.963	-	-	1.996	-	-	2.000	-	-	0.000	-	-	0.000	-	-	0.000
COTS (Commercial Off the Shelf) Safety Systems (OSIP 020-10) - 11	P3A		-	-	3.426	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000
Blue Force Situational Awareness (OSIP 10-11) - 12	P3A		-	-	0.000	-	-	14.100	-	-	11.467	-	-	18.850	-	-	0.570	-	-	19.420
Military Flight Operations Quality Assurance (MFOQA) (OSIP 011-12) - 13	P3A		-	-	0.000	-	-	0.000	-	-	0.910	-	-	1.480	-	-	0.000	-	-	1.480
Advance Digital Data Set (ADDS) (OSIP 001-15) - 14	P3A		-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000
Inactive OSIPs - 15	P3A		-	-	243.220	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000
Total Gross/Weapon System Cost					1,984.422			93.464			147.760			96.183			0.570			96.753

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Exhibit P-40, Budget Item Justification Sheet: PB 2013 Navy **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity:
 1506N : Aircraft Procurement, Navy / BA 5 : Modification of Aircraft / BSA 1 :
 Modification Of Aircraft

P-1 Line Item Nomenclature:
 0577 - Common Avionics Changes

ID Code (A=Service Ready, B=Not Service Ready) : A **Program Elements for Code B Items:** **Other Related Program Elements:**

Item Nomenclature*	Exhibits	ID CD	FY 2014			FY 2015			FY 2016			FY 2017			To Complete			Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Global Positioning System (GPS) (OSIP 71-88) - 1	P3A		-	-	8.361	-	-	8.387	-	-	8.785	-	-	8.933	-	-	173.909	-	-	577.517
AN/ARC-210 Electronic Protection (EP) Combination Radio (OSIP 04-94) - 2	P3A		-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	306.265
Ground Proximity Warning System (GPWS CAT I) Fixed Wing (OSIP 14-97) - 3	P3A		-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	103.546
Ground Proximity Warning System (GPWS CAT III) Rotary Wing (OSIP 17-98) - 4	P3A		-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	72.833
Communication - Navigation - Surveillance / Air Traffic Management (CNS/ATM) Systems (OSIP 21-01) - 5	P3A		-	-	79.777	-	-	102.339	-	-	106.865	-	-	90.838	-	-	140.664	-	-	1,139.197
Advanced Mission Computer & Displays (AMC&D)/ Multipurpose Color Display (MPCD) (OSIP 01-02) - 6	P3A		-	-	5.500	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	347.257
Tactical Aircraft Moving Map Capability (TAMMAC) (OSIP 02-02) - 7	P3A		-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	126.238
Attitude Gyro Upgrade (OSIP 07-04) - 8	P3A		-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	53.657
Aircrew Wireless Internal Communications System (AWICS) (OSIP 09-04) - 9	P3A		-	-	3.649	-	-	14.410	-	-	10.503	-	-	3.268	-	-	41.752	-	-	101.847
Avionics Component Improvement Program (AvCIP) (OSIP 11-09) - 10	P3A		-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	7.959
COTS (Commercial Off the Shelf) Safety Systems (OSIP 020-10) - 11	P3A		-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	3.426
Blue Force Situational Awareness (OSIP 10-11) - 12	P3A		-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	44.987
Military Flight Operations Quality Assurance (MFOQA) (OSIP 011-12) - 13	P3A		-	-	26.350	-	-	13.751	-	-	11.360	-	-	23.280	-	-	343.970	-	-	421.101
Advance Digital Data Set (ADDS) (OSIP 001-15) - 14	P3A		-	-	0.000	-	-	2.000	-	-	29.203	-	-	35.600	-	-	185.431	-	-	252.234
Inactive OSIPs - 15	P3A		-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	243.220
Total Gross/Weapon System Cost					123.637			140.887			166.716			161.919			885.726			3,801.284

*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0577 - Common Avionics Changes	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Global Positioning System (GPS) (OSIP 71-88) - 1

Models of Systems Affected: All Aircraft as directed by OPNAV	Type Modification: Common Avionics (Safety) (Added Capability)	Related RDT&E PEs: 0604777N
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	341.562	11.121	8.434	8.025	0.000	8.025	8.361	8.387	8.785	8.933	173.909	577.517
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	341.562	11.121	8.434	8.025	0.000	8.025	8.361	8.387	8.785	8.933	173.909	577.517
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	341.562	11.121	8.434	8.025	0.000	8.025	8.361	8.387	8.785	8.933	173.909	577.517

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The NAVSTAR GPS is designed to provide highly accurate position and time to users worldwide in all weather conditions. GPS will be integrated with communication, navigation, and weapon systems equipment (attitude heading reference systems, inertial navigation systems, mission computers, etc.). The program procures and modifies GPS equipment such as receivers, antennas, amplifiers, and protection technologies as required for naval aviation platforms. NAVWAR protection technologies protect a platform's GPS capability from GPS jamming and unintentional interference. Hardware configurations vary with each T/M/S aircraft. The Global Positioning System Operational Requirement Document (ORD) 003-78 dated 22 Jan 90 was based on an Air Force General Operating Requirement (GOR) dated 28 Jan 1978. The Navy ORD for Enhanced GPS User Equipment for Navigation Warfare (NAVWAR) and GPS Modernization was approved on 7 June 2000.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES:

The NAVSTAR GPS program completed Phase II (Full Scale Engineering Development) and completed Milestone IIIA (Approval for Limited Production) in June 1986. Milestone IIIB (Approval for Full Production) was completed in January 1992. The NAVWAR full rate production approval was received in June 2002. Research, Development, Test and Evaluation, Navy (RDT&E,N) is funded under program element #0604777N.

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Exhibit P-3A, Individual Modification: PB 2013 Navy								Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0577 - Common Avionics Changes				Modification Nomenclature (<i>Modification Title, Modification Number</i>): Global Positioning System (GPS) (OSIP 71-88) - 1					
Models of Systems Affected: All Aircraft as directed by OPNAV				Type Modification: Common Avionics (Safety) (Added Capability)				Related RDT&E PEs: 0604777N					
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
Global Positioning System (GPS) (OSIP 71-88)													
A Kits													
Recurring													
1.1.1) NAVWAR (All Aircraft Excluding AV-8B) - NonOrganic (1)	300	4.108	20	2.260	24	2.520	17	2.347	-	-	17	2.347	
1.1.2) NAVWAR (AV-8B) - NonOrganic	108	1.541	13	0.306	-	-	-	-	-	-	-	-	
<i>Subtotal Recurring</i>		5.649		2.566		2.520		2.347		0.000		2.347	
NonRecurring													
1.2.1) Installation Kits N/R - Organic	-	4.213	-	1.257	-	0.385	-	-	-	-	-	-	
<i>Subtotal NonRecurring</i>		4.213		1.257		0.385		0.000		0.000		0.000	
B Kits													
Recurring													
2.1.1) GPS - Organic	2,047	173.823	-	-	-	-	-	-	-	-	-	-	
2.1.2) NAVWAR - Organic	471	23.175	32	1.714	24	1.754	17	1.690	-	-	17	1.690	
<i>Subtotal Recurring</i>		196.998		1.714		1.754		1.690		0.000		1.690	
NonRecurring													
2.2.1) Installation Equipment N/R. - Organic	-	23.785	-	0.908	-	0.416	-	-	-	-	-	-	
<i>Subtotal NonRecurring</i>		23.785		0.908		0.416		0.000		0.000		0.000	
<i>Total, Global Positioning System (GPS) (OSIP 71-88)</i>	2,926	230.645	65	6.445	48	5.075	34	4.037	-	-	34	4.037	
<i>Total, All Modifications</i>		230.645		6.445		5.075		4.037		0.000		4.037	
Support													
3.1) NAVWAR Kit ECO	-	2.547	-	0.478	-	0.141	-	-	-	-	-	-	
3.2) Data	-	7.904	-	0.404	-	-	-	-	-	-	-	-	
3.3) Training Equipment - GPS	114	7.803	-	-	-	-	-	-	-	-	-	-	
3.4) Training Equipment - NAVWAR	2	0.185	-	-	-	-	5	0.520	-	-	5	0.520	
3.5) Support Equipment	-	0.443	-	0.017	-	-	-	-	-	-	-	-	
3.6) ILS	-	0.904	-	0.317	-	0.247	-	0.322	-	-	-	0.322	

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0577 - Common Avionics Changes	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Global Positioning System (GPS) (OSIP 71-88) - 1

Models of Systems Affected: All Aircraft as directed by OPNAV	Type Modification: Common Avionics (Safety) (Added Capability)	Related RDT&E PEs: 0604777N
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
3.7) Other Support	-	87.835	-	2.877	-	2.164	-	2.153	-	-	-	2.153
3.8) Interim Contractor Support	-	0.000	-	-	-	-	-	-	-	-	-	-
Total Support Cost		107.621		4.093		2.552		2.995		0.000		2.995
<i>Procurement Cost (Procurement + Support)</i>		<i>338.266</i>		<i>10.538</i>		<i>7.627</i>		<i>7.032</i>		<i>0.000</i>		<i>7.032</i>
<i>Total Installation Cost</i>		<i>3.296</i>		<i>0.583</i>		<i>0.807</i>		<i>0.993</i>		<i>0.000</i>		<i>0.993</i>
Total Cost (Procurement + Support + Installation)		341.562		11.121		8.434		8.025		0.000		8.025

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
Global Positioning System (GPS) (OSIP 71-88)												
A Kits												
Recurring												
1.1.1) NAVWAR (All Aircraft Excluding AV-8B) - NonOrganic ⁽¹⁾	18	2.547	18	2.616	20	2.956	19	2.856	308	51.436	744	73.646
1.1.2) NAVWAR (AV-8B) - NonOrganic	-	-	-	-	-	-	-	-	-	-	121	1.847
Subtotal Recurring		2.547		2.616		2.956		2.856		51.436		75.493
NonRecurring												
1.2.1) Installation Kits N/R - Organic	-	-	-	-	-	-	-	-	-	-	-	5.855
Subtotal NonRecurring		0.000		0.000		0.000		0.000		0.000		5.855
B Kits												
Recurring												
2.1.1) GPS - Organic	-	-	-	-	-	-	-	-	-	-	2,047	173.823
2.1.2) NAVWAR - Organic	18	1.819	18	1.850	20	2.029	19	2.020	308	37.884	927	73.935
Subtotal Recurring		1.819		1.850		2.029		2.020		37.884		247.758
NonRecurring												
2.2.1) Installation Equipment N/R. - Organic	-	-	-	-	-	-	-	-	-	-	-	25.109

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0577 - Common Avionics Changes	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Global Positioning System (GPS) (OSIP 71-88) - 1

Models of Systems Affected: All Aircraft as directed by OPNAV	Type Modification: Common Avionics (Safety) (Added Capability)	Related RDT&E PEs: 0604777N
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		25.109
<i>Total, Global Positioning System (GPS) (OSIP 71-88)</i>	36	4.366	36	4.466	40	4.985	38	4.876	616	89.320	3,839	354.215
<i>Total, All Modifications</i>		4.366		4.466		4.985		4.876		89.320		354.215
Support												
3.1) NAVWAR Kit ECO	-	-	-	-	-	-	-	-	-	-	-	3.166
3.2) Data	-	-	-	-	-	-	-	-	-	-	-	8.308
3.3) Training Equipment - GPS	-	-	-	-	-	-	-	-	-	-	114	7.803
3.4) Training Equipment - NAVWAR	-	0.229	-	-	-	-	-	-	-	-	7	0.934
3.5) Support Equipment	-	-	-	-	-	-	-	-	-	-	-	0.460
3.6) ILS	-	0.335	-	0.341	-	0.342	-	0.348	-	5.133	-	8.289
3.7) Other Support	-	2.786	-	2.881	-	2.809	-	2.907	-	60.480	-	166.892
3.8) Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		3.350		3.222		3.151		3.255		65.613		195.852
<i>Procurement Cost (Procurement + Support)</i>		7.716		7.688		8.136		8.131		154.933		550.067
<i>Total Installation Cost</i>		0.645		0.699		0.649		0.802		18.976		27.450
Total Cost (Procurement + Support + Installation)		8.361		8.387		8.785		8.933		173.909		577.517

Remarks:

- (1)** P-3 Kits (63) were turned over to PMA290 in FY10 for installation
- ** FY11 MH-53 installs (14) were turned over to PMA261 for installation
- ** PMA257 installed 3 AV-8B kits procured by PMA209
- ** One (1) extra AV-8B A-kit turned over to PMA 257 for install to replace components damaged during the original install.

Manufacturer Information: Global Positioning System (GPS) (OSIP 71-88)

Manufacturer Name: The Boeing Company - All Aircraft (Excluding AV-8B)	Manufacturer Location: St. Louis, MO
Administrative Leadtime (in Months): 3	Production Leadtime (in Months): 10

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates	Dec 2010	Dec 2011	Dec 2012	Dec 2013			
Delivery Dates	Oct 2011	Oct 2012	Oct 2013	Oct 2014			

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0577 - Common Avionics Changes	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Global Positioning System (GPS) (OSIP 71-88) - 1

Models of Systems Affected: All Aircraft as directed by OPNAV	Type Modification: Common Avionics (Safety) (Added Capability)	Related RDT&E PEs: 0604777N
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Manufacturer Information: Global Positioning System (GPS) (OSIP 71-88)

Manufacturer Name: Raytheon - AV-8B	Manufacturer Location: Harlow, United Kingdom
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Administrative Leadtime (<i>in Months</i>): 11	Production Leadtime (<i>in Months</i>): 13
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Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates	Sep 2011						
Delivery Dates	Oct 2012						

Installation: Global Positioning System (GPS) (OSIP 71-88)	Method of Implementation: Equipment is provided to the platform PMA and installed as per airframe ECP/AFC.	Installation Name: NAVWAR (All Aircraft Excluding AV-8B)
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	199	2.427	24	0.390	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	20	0.440	-	-	-	-	-	-
FY 2012	-	-	-	-	5	0.040	19	0.706	0	0.000	19	0.706
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	199	2.427	24	0.390	25	0.480	19	0.706	0	0.000	19	0.706

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	223	2.817
FY 2011	-	-	-	-	-	-	-	-	-	-	20	0.440
FY 2012	-	-	-	-	-	-	-	-	-	-	24	0.746
FY 2013	17	0.645	-	-	-	-	-	-	-	-	17	0.645

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0577 - Common Avionics Changes	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Global Positioning System (GPS) (OSIP 71-88) - 1
Models of Systems Affected: All Aircraft as directed by OPNAV	Type Modification: Common Avionics (Safety) (Added Capability)	Related RDT&E PEs: 0604777N

Installation: Global Positioning System (GPS) (OSIP 71-88)	Method of Implementation: Equipment is provided to the platform PMA and installed as per airframe ECP/AFC.	Installation Name: NAVWAR (All Aircraft Excluding AV-8B)
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Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
FY 2014	-	-	18	0.699	-	-	-	-	-	-	18	0.699
FY 2015	-	-	-	-	18	0.649	-	-	-	-	18	0.649
FY 2016	-	-	-	-	-	-	20	0.802	-	-	20	0.802
FY 2017	-	-	-	-	-	-	-	-	19	1.096	19	1.096
To Complete	-	-	-	-	-	-	-	-	308	17.880	308	17.880
Total	17	0.645	18	0.699	18	0.649	20	0.802	327	18.976	667	25.774

Installation Schedule		FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot		
	APY	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4				
In	199	6	6	6	6	6	6	6	7	4	5	5	5	4	4	4	5	4	4	5	5	4	4	5	5	5	5	5	5	5	5	327	667
Out	199	6	6	6	6	6	6	6	7	4	5	5	5	4	4	4	5	4	4	5	5	4	4	5	5	5	5	5	5	5	5	327	667

Installation: Global Positioning System (GPS) (OSIP 71-88)	Method of Implementation: [none specified]	Installation Name: NAVWAR (AV-8B)
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	62	0.869	14	0.193	23	0.327	5	0.080	0	0.000	5	0.080
FY 2011	-	-	-	-	-	-	13	0.207	0	0.000	13	0.207
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0577 - Common Avionics Changes
Models of Systems Affected: All Aircraft as directed by OPNAV		Type Modification: Common Avionics (Safety) (Added Capability)
Related RDT&E PEs: 0604777N		
Modification Nomenclature (Modification Title, Modification Number): Global Positioning System (GPS) (OSIP 71-88) - 1		

Installation: Global Positioning System (GPS) (OSIP 71-88)	Method of Implementation: [none specified]	Installation Name: NAVWAR (AV-8B)										
Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Total	62	0.869	14	0.193	23	0.327	18	0.287	0	0.000	18	0.287

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	104	1.469
FY 2011	-	-	-	-	-	-	-	-	-	-	13	0.207
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	117	1.676

Installation Schedule																																			
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017									
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
In	62	3	3	4	4	5	6	6	6	4	4	5	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	117
Out	62	3	3	4	4	5	6	6	6	4	4	5	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	117

Installation: Global Positioning System (GPS) (OSIP 71-88)	Method of Implementation: Not Installed - GPS	Installation Quantity: 2047
Installation: Global Positioning System (GPS) (OSIP 71-88)	Method of Implementation: Not Installed - NAVWAR	Installation Quantity: 927
Installation: Global Positioning System (GPS) (OSIP 71-88)	Method of Implementation: Not Installed - Training Equipment - GPS	Installation Quantity: 114

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0577 - Common Avionics Changes	Modification Nomenclature <i>(Modification Title, Modification Number):</i> Global Positioning System (GPS) (OSIP 71-88) - 1
Models of Systems Affected: All Aircraft as directed by OPNAV	Type Modification: Common Avionics (Safety) (Added Capability)	Related RDT&E PEs: 0604777N
Installation: Global Positioning System (GPS) (OSIP 71-88)	Method of Implementation: Not Installed - Training Equipment - NAVWAR	Installation Quantity: 7

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0577 - Common Avionics Changes	Modification Nomenclature (<i>Modification Title, Modification Number</i>): AN/ARC-210 Electronic Protection (EP) Combination Radio (OSIP 04-94) - 2

Models of Systems Affected: All Aircraft as directed by OPNAV	Type Modification: Common Avionics Modification	Related RDT&E PEs:
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	304.438	0.627	0.600	0.600	0.000	0.600	0.000	0.000	0.000	0.000	0.000	306.265
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	304.438	0.627	0.600	0.600	0.000	0.600	0.000	0.000	0.000	0.000	0.000	306.265
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	304.438	0.627	0.600	0.600	0.000	0.600	0.000	0.000	0.000	0.000	0.000	306.265

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The AN/ARC-210 is a combination UHF/VHF, AM/FM jam-resistant radio that was developed to allow for Electronic Protection (EP) interoperability with the Air Force, Army and NATO. The radio provides communications capabilities such as dual V/UHF capability; VHF AM for close air support and maritime channels; VHF AM for air traffic control and civil interoperability; and EP capabilities using the Air Force developed waveforms (UHF-AM HAVEQUICK I and II), and the Army developed waveform (VHF-FM SINCGARS). The AN/ARC-210 can be controlled by either a remote control unit or via a MIL-STD-1553 multiplex data bus. The EP parameters and single channel preset information can be loaded via a CYZ-10 Data Transfer Device (DTD). The fill information can consist of word-of-the-day for HAVEQUICK; the KGV-10 transec variable, hopsets and frequency lock-out tables for SINCGARS. Engineering Change Proposal (ECP) 12 incorporated embedded Demand Assigned Multiple Access (DAMA) Satellite Communications (SATCOM), embedded COMSEC, embedded Variable Message Format (VMF), Link 4A, and is compatible with the memory loader verifier. ORD # 333-06-93 dated 4/20/93 validated this modification. FY09 and out funding is required for non-recurring engineering and test efforts to determine Communication Security (COMSEC) retrofit solution in response to National Security Agency (NSA) policies and mandates.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: The AN/ARC-210 Common OSIP procures and modifies ARC-210 and ancillary equipment and provides common logistics requirements to multiple aircraft. Individual platform OSIPs may provide their own non-recurring engineering, integration, A-kit manufacturing, and unique aircraft logistic requirements. Full rate Production Decision was approved in May 1994. Incorporation of hardware modifications will be accomplished via an ECP.

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0577 - Common Avionics Changes	Modification Nomenclature (<i>Modification Title, Modification Number</i>): AN/ARC-210 Electronic Protection (EP) Combination Radio (OSIP 04-94) - 2

Models of Systems Affected: All Aircraft as directed by OPNAV	Type Modification: Common Avionics Modification	Related RDT&E PEs:
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
AN/ARC-210 Electronic Protection (EP) Combination Radio (OSIP 04-94)												
A Kits												
Recurring												
1.1.1) AN/ARC-210 Kit - NonOrganic	155	4.953	-	-	-	-	-	-	-	-	-	-
<i>Subtotal Recurring</i>		4.953		0.000		0.000		0.000		0.000		0.000
NonRecurring												
1.2.1) Installation Kits N/R - Organic	-	7.043	-	-	-	-	-	-	-	-	-	-
<i>Subtotal NonRecurring</i>		7.043		0.000		0.000		0.000		0.000		0.000
B Kits												
Recurring												
2.1.1) AN/ARC-210 Equip - Organic	3,211	189.115	-	-	-	-	-	-	-	-	-	-
<i>Subtotal Recurring</i>		189.115		0.000		0.000		0.000		0.000		0.000
NonRecurring												
2.2.1) Installation Equipment N/R - Organic	-	5.795	-	-	-	-	-	-	-	-	-	-
<i>Subtotal NonRecurring</i>		5.795		0.000		0.000		0.000		0.000		0.000
<i>Total, AN/ARC-210 Electronic Protection (EP) Combination Radio (OSIP 04-94)</i>	3,366	206.906	-	-	-	-	-	-	-	-	-	-
<i>Total, All Modifications</i>		206.906		0.000		0.000		0.000		0.000		0.000
Support												
3.1) Engineering Change Orders	-	10.061	-	0.009	-	0.275	-	0.100	-	-	-	0.100
3.2) Data	-	6.714	-	-	-	0.300	-	0.475	-	-	-	0.475
3.3) Training Equipment	36	7.722	-	0.080	-	-	-	-	-	-	-	-
3.4) Support Equipment	-	9.689	-	-	-	-	-	-	-	-	-	-
3.5) ILS	-	14.374	-	0.137	-	-	-	-	-	-	-	-
3.6) Other Support	-	47.051	-	0.401	-	0.025	-	0.025	-	-	-	0.025
3.7) Interim Contractor Support	-	0.000	-	-	-	-	-	-	-	-	-	-

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0577 - Common Avionics Changes	Modification Nomenclature (<i>Modification Title, Modification Number</i>): AN/ARC-210 Electronic Protection (EP) Combination Radio (OSIP 04-94) - 2

Models of Systems Affected: All Aircraft as directed by OPNAV	Type Modification: Common Avionics Modification	Related RDT&E PEs:
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Total Support Cost		95.611		0.627		0.600		0.600		0.000		0.600
Procurement Cost (Procurement + Support)		302.517		0.627		0.600		0.600		0.000		0.600
Total Installation Cost		1.921		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		304.438		0.627		0.600		0.600		0.000		0.600

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
AN/ARC-210 Electronic Protection (EP) Combination Radio (OSIP 04-94)												
A Kits												
Recurring												
1.1.1) AN/ARC-210 Kit - NonOrganic	-	-	-	-	-	-	-	-	-	-	155	4.953
Subtotal Recurring		0.000		0.000		0.000		0.000		0.000		4.953
NonRecurring												
1.2.1) Installation Kits N/R - Organic	-	-	-	-	-	-	-	-	-	-	-	7.043
Subtotal NonRecurring		0.000		0.000		0.000		0.000		0.000		7.043
B Kits												
Recurring												
2.1.1) AN/ARC-210 Equip - Organic	-	-	-	-	-	-	-	-	-	-	3,211	189.115
Subtotal Recurring		0.000		0.000		0.000		0.000		0.000		189.115
NonRecurring												
2.2.1) Installation Equipment N/R - Organic	-	-	-	-	-	-	-	-	-	-	-	5.795
Subtotal NonRecurring		0.000		0.000		0.000		0.000		0.000		5.795
Total, AN/ARC-210 Electronic Protection (EP) Combination Radio (OSIP 04-94)	-	-	-	-	-	-	-	-	-	-	3,366	206.906
Total, All Modifications		0.000		0.000		0.000		0.000		0.000		206.906
Support												

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0577 - Common Avionics Changes	Modification Nomenclature (<i>Modification Title, Modification Number</i>): AN/ARC-210 Electronic Protection (EP) Combination Radio (OSIP 04-94) - 2

Models of Systems Affected: All Aircraft as directed by OPNAV	Type Modification: Common Avionics Modification	Related RDT&E PEs:
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
3.1) Engineering Change Orders	-	-	-	-	-	-	-	-	-	-	-	10.445
3.2) Data	-	-	-	-	-	-	-	-	-	-	-	7.489
3.3) Training Equipment	-	-	-	-	-	-	-	-	-	-	36	7.802
3.4) Support Equipment	-	-	-	-	-	-	-	-	-	-	-	9.689
3.5) ILS	-	-	-	-	-	-	-	-	-	-	-	14.511
3.6) Other Support	-	-	-	-	-	-	-	-	-	-	-	47.502
3.7) Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	-
Total Support Cost		0.000		0.000		0.000		0.000		0.000		97.438
Procurement Cost (Procurement + Support)		0.000		0.000		0.000		0.000		0.000		304.344
Total Installation Cost		0.000		0.000		0.000		0.000		0.000		1.921
Total Cost (Procurement + Support + Installation)		0.000		0.000		0.000		0.000		0.000		306.265

Remarks:

Manufacturer Information: AN/ARC-210 Electronic Protection (EP) Combination Radio (OSIP 04-94)

Manufacturer Name: Manufacturer Name Not Provided. Manufacturer Location: Manufacturer Location Not Provided.

Administrative Leadtime (in Months): Production Leadtime (in Months):

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates							
Delivery Dates							

Installation: AN/ARC-210 Electronic Protection (EP) Combination Radio (OSIP 04-94) **Method of Implementation:** [none specified] **Installation Name:** AN/ARC-210 Kit

Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	38	1.921	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0577 - Common Avionics Changes	Modification Nomenclature (<i>Modification Title, Modification Number</i>): AN/ARC-210 Electronic Protection (EP) Combination Radio (OSIP 04-94) - 2
Models of Systems Affected: All Aircraft as directed by OPNAV	Type Modification: Common Avionics Modification	Related RDT&E PEs:

Installation: AN/ARC-210 Electronic Protection (EP) Combination Radio (OSIP 04-94)	Method of Implementation: [none specified]	Installation Name: AN/ARC-210 Kit
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	38	1.921	-	-	-	-	-	-	-	-	-	-

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	38	1.921
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	38	1.921

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0577 - Common Avionics Changes	Modification Nomenclature (<i>Modification Title, Modification Number</i>): AN/ARC-210 Electronic Protection (EP) Combination Radio (OSIP 04-94) - 2

Models of Systems Affected: All Aircraft as directed by OPNAV	Type Modification: Common Avionics Modification	Related RDT&E PEs:
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Installation: AN/ARC-210 Electronic Protection (EP) Combination Radio (OSIP 04-94)	Method of Implementation: [none specified]	Installation Name: AN/ARC-210 Kit
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Installation Schedule																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	38
Out	38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	38

Installation: AN/ARC-210 Electronic Protection (EP) Combination Radio (OSIP 04-94)	Method of Implementation: Not Installed - AN/ARC-210 Equip	Installation Quantity: 3211
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Installation: AN/ARC-210 Electronic Protection (EP) Combination Radio (OSIP 04-94)	Method of Implementation: Not Installed - Training Equipment	Installation Quantity: 36
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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0577 - Common Avionics Changes	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Ground Proximity Warning System (GPWS CAT I) Fixed Wing (OSIP 14-97) - 3

Models of Systems Affected: All Aircraft as directed by OPNAV	Type Modification: Common Avionics Modification Common Avionics Modification	Related RDT&E PEs: 0604215N
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	101.033	1.676	0.687	0.150	0.000	0.150	0.000	0.000	0.000	0.000	0.000	103.546
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	101.033	1.676	0.687	0.150	0.000	0.150	0.000	0.000	0.000	0.000	0.000	103.546
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	101.033	1.676	0.687	0.150	0.000	0.150	0.000	0.000	0.000	0.000	0.000	103.546
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

Ground Proximity Warning Systems (GPWS) and Terrain Awareness Warning Systems (TAWS) use on-board sensors, digital terrain databases, and/or external signals to determine dangerous proximity to or closure toward terrain and provide cues and warnings to the aircrew. GPWS/TAWS systems are configurable to multiple platforms. Commercial and Government GPWS/TAWS implementations have shown a demonstrated dramatic reduction in controlled flight into terrain incidents. ORD # 555-88-00 signed 1 May 00 validates this requirement.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: GPWS CAT-I OPEVAL (P-3C) was successfully completed October 1993. Milestone III was successfully completed September 1996. Modifying existing GPWS software (95% reuse, 5% tailored to specific platform) for follow-on platforms. Software will be delivered for integration into platforms avionics suite.

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0577 - Common Avionics Changes	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Ground Proximity Warning System (GPWS CAT I) Fixed Wing (OSIP 14-97) - 3

Models of Systems Affected: All Aircraft as directed by OPNAV	Type Modification: Common Avionics Modification Common Avionics Modification	Related RDT&E PEs: 0604215N
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
Ground Proximity Warning System (GPWS CAT I) Fixed Wing (OSIP 14-97)												
A Kits												
Recurring												
1.1.1) GPWS CAT I Kit - NonOrganic	216	3.592	-	-	-	-	-	-	-	-	-	-
<i>Subtotal Recurring</i>		3.592		0.000		0.000		0.000		0.000		0.000
NonRecurring												
1.2.1) Installation Kits N/R - Organic	1	9.209	-	-	-	-	-	-	-	-	-	-
<i>Subtotal NonRecurring</i>		9.209		0.000		0.000		0.000		0.000		0.000
B Kits												
Recurring												
2.1.1) GPWS CAT I Equip - Organic	228	12.005	-	-	-	-	-	-	-	-	-	-
<i>Subtotal Recurring</i>		12.005		0.000		0.000		0.000		0.000		0.000
NonRecurring												
2.2.1) Installation Equipment N/R - Organic	-	16.650	-	0.878	-	0.216	-	0.012	-	-	-	0.012
<i>Subtotal NonRecurring</i>		16.650		0.878		0.216		0.012		0.000		0.012
<i>Total, Ground Proximity Warning System (GPWS CAT I) Fixed Wing (OSIP 14-97)</i>	445	41.456	-	0.878	-	0.216	-	0.012	-	-	-	0.012
<i>Total, All Modifications</i>		41.456		0.878		0.216		0.012		0.000		0.012
Support												
3.1) Data	-	0.866	-	-	-	-	-	-	-	-	-	-
3.2) Engineering Change Orders	-	0.000	-	-	-	-	-	-	-	-	-	-
3.3) Training Equipment	3	1.596	-	-	-	-	-	-	-	-	-	-
3.4) Support Equipment	-	0.000	-	-	-	-	-	-	-	-	-	-
3.5) ILS	-	3.638	-	0.090	-	0.045	-	0.019	-	-	-	0.019
3.6) Other Support	-	46.658	-	0.708	-	0.426	-	0.119	-	-	-	0.119

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0577 - Common Avionics Changes	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Ground Proximity Warning System (GPWS CAT I) Fixed Wing (OSIP 14-97) - 3

Models of Systems Affected: All Aircraft as directed by OPNAV	Type Modification: Common Avionics Modification Common Avionics Modification	Related RDT&E PEs: 0604215N
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
3.7) Interim Contractor Support	-	0.000	-	-	-	-	-	-	-	-	-	-
Total Support Cost		52.758		0.798		0.471		0.138		0.000		0.138
Procurement Cost (Procurement + Support)		94.214		1.676		0.687		0.150		0.000		0.150
Total Installation Cost		6.819		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		101.033		1.676		0.687		0.150		0.000		0.150

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
Ground Proximity Warning System (GPWS CAT I) Fixed Wing (OSIP 14-97)												
A Kits												
Recurring												
1.1.1) GPWS CAT I Kit - NonOrganic	-	-	-	-	-	-	-	-	-	-	216	3.592
Subtotal Recurring		0.000		0.000		0.000		0.000		0.000		3.592
NonRecurring												
1.2.1) Installation Kits N/R - Organic	-	-	-	-	-	-	-	-	-	-	1	9.209
Subtotal NonRecurring		0.000		0.000		0.000		0.000		0.000		9.209
B Kits												
Recurring												
2.1.1) GPWS CAT I Equip - Organic	-	-	-	-	-	-	-	-	-	-	228	12.005
Subtotal Recurring		0.000		0.000		0.000		0.000		0.000		12.005
NonRecurring												
2.2.1) Installation Equipment N/R - Organic	-	-	-	-	-	-	-	-	-	-	-	17.756
Subtotal NonRecurring		0.000		0.000		0.000		0.000		0.000		17.756

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0577 - Common Avionics Changes	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Ground Proximity Warning System (GPWS CAT I) Fixed Wing (OSIP 14-97) - 3

Models of Systems Affected: All Aircraft as directed by OPNAV	Type Modification: Common Avionics Modification Common Avionics Modification	Related RDT&E PEs: 0604215N
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
<i>Total, Ground Proximity Warning System (GPWS CAT I) Fixed Wing (OSIP 14-97)</i>	-	-	-	-	-	-	-	-	-	-	445	42.562
<i>Total, All Modifications</i>		0.000		0.000		0.000		0.000		0.000		42.562
Support												
3.1) Data	-	-	-	-	-	-	-	-	-	-	-	0.866
3.2) Engineering Change Orders	-	-	-	-	-	-	-	-	-	-	-	-
3.3) Training Equipment	-	-	-	-	-	-	-	-	-	-	3	1.596
3.4) Support Equipment	-	-	-	-	-	-	-	-	-	-	-	-
3.5) ILS	-	-	-	-	-	-	-	-	-	-	-	3.792
3.6) Other Support	-	-	-	-	-	-	-	-	-	-	-	47.911
3.7) Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		0.000		0.000		0.000		0.000		0.000		54.165
<i>Procurement Cost (Procurement + Support)</i>		0.000		0.000		0.000		0.000		0.000		96.727
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		6.819
Total Cost (Procurement + Support + Installation)		0.000		0.000		0.000		0.000		0.000		103.546

Remarks:

Manufacturer Information: Ground Proximity Warning System (GPWS CAT I) Fixed Wing (OSIP 14-97)

Manufacturer Name: Manufacturer Name Not Provided. Manufacturer Location: Manufacturer Location Not Provided.

Administrative Leadtime (*in Months*): Production Leadtime (*in Months*):

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates							
Delivery Dates							

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0577 - Common Avionics Changes	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Ground Proximity Warning System (GPWS CAT I) Fixed Wing (OSIP 14-97) - 3
Models of Systems Affected: All Aircraft as directed by OPNAV	Type Modification: Common Avionics Modification Common Avionics Modification	Related RDT&E PEs: 0604215N

Installation: Ground Proximity Warning System (GPWS CAT I) Fixed Wing (OSIP 14-97)	Method of Implementation: [none specified]	Installation Name: GPWS CAT I Kit
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	216	6.819	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	216	6.819	-	-	-	-	-	-	-	-	-	-

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	216	6.819
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	216	6.819

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0577 - Common Avionics Changes	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Ground Proximity Warning System (GPWS CAT I) Fixed Wing (OSIP 14-97) - 3

Models of Systems Affected: All Aircraft as directed by OPNAV	Type Modification: Common Avionics Modification Common Avionics Modification	Related RDT&E PEs: 0604215N
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Installation: Ground Proximity Warning System (GPWS CAT I) Fixed Wing (OSIP 14-97)	Method of Implementation: [none specified]	Installation Name: GPWS CAT I Kit
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Installation Schedule																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	216	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	216
Out	216	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	216

Installation: Ground Proximity Warning System (GPWS CAT I) Fixed Wing (OSIP 14-97)	Method of Implementation: Not Installed - Installation Kits N/R	Installation Quantity: 1
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Installation: Ground Proximity Warning System (GPWS CAT I) Fixed Wing (OSIP 14-97)	Method of Implementation: Not Installed - GPWS CAT I Equip	Installation Quantity: 228
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Installation: Ground Proximity Warning System (GPWS CAT I) Fixed Wing (OSIP 14-97)	Method of Implementation: Not Installed - Training Equipment	Installation Quantity: 3
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UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0577 - Common Avionics Changes	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Ground Proximity Warning System (GPWS CAT III) Rotary Wing (OSIP 17-98) - 4

Models of Systems Affected: All Aircraft as directed by OPNAV	Type Modification: Common Avionics Modification	Related RDT&E PEs: 0604215N
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	71.611	0.000	0.822	0.400	0.000	0.400	0.000	0.000	0.000	0.000	0.000	72.833
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	71.611	0.000	0.822	0.400	0.000	0.400	0.000	0.000	0.000	0.000	0.000	72.833
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	71.611	0.000	0.822	0.400	0.000	0.400	0.000	0.000	0.000	0.000	0.000	72.833

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

Ground Proximity Warning Systems (GPWS) and Terrain Awareness Warning Systems (TAWS) use on-board sensors, digital terrain databases, and/or external signals to determine dangerous proximity to or closure toward terrain and provide cues and warnings to the aircrew. GPWS/TAWS systems are configurable to multiple platforms. Commercial and Government GPWS/TAWS implementations have shown a demonstrated dramatic reduction in controlled flight into terrain incidents. ORD # 555-88-00 signed 1 May 00 validates this requirement.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: GPWS CAT III completed Milestone II in July 1993. DT was fully successful in May 1996. OPEVAL was successfully completed in August 1996. Milestone III was completed in May 1997. Modifying existing GPWS software (95% reuse, 5% tailored to specific platform) for each follow-on platform. Software will be delivered for integration into platforms avionics suite.

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0577 - Common Avionics Changes	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Ground Proximity Warning System (GPWS CAT III) Rotary Wing (OSIP 17-98) - 4

Models of Systems Affected: All Aircraft as directed by OPNAV	Type Modification: Common Avionics Modification	Related RDT&E PEs: 0604215N
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
Ground Proximity Warning System (GPWS CAT III) Rotary Wing (OSIP 17-98)												
A Kits												
Recurring												
1.1.1) GPWS CAT III (A-Kit) - NonOrganic	459	4.463	-	-	-	-	-	-	-	-	-	-
<i>Subtotal Recurring</i>		4.463		0.000		0.000		0.000		0.000		0.000
NonRecurring												
1.2.1) Installation Kits N/R - Organic	-	1.258	-	-	-	-	-	-	-	-	-	-
<i>Subtotal NonRecurring</i>		1.258		0.000		0.000		0.000		0.000		0.000
B Kits												
Recurring												
2.1.1) GPWS CAT III Equip (B-Kit) - Organic	460	21.161	-	-	-	-	-	-	-	-	-	-
<i>Subtotal Recurring</i>		21.161		0.000		0.000		0.000		0.000		0.000
NonRecurring												
2.2.1) Installation Equipment N/R - Organic	-	9.464	-	-	-	0.380	-	0.048	-	-	-	0.048
<i>Subtotal NonRecurring</i>		9.464		0.000		0.380		0.048		0.000		0.048
<i>Total, Ground Proximity Warning System (GPWS CAT III) Rotary Wing (OSIP 17-98)</i>	919	36.346	-	-	-	0.380	-	0.048	-	-	-	0.048
<i>Total, All Modifications</i>		36.346		0.000		0.380		0.048		0.000		0.048
Support												
3.1) Data	-	1.029	-	-	-	-	-	-	-	-	-	-
3.2) Engineering Change Orders	-	0.000	-	-	-	-	-	-	-	-	-	-
3.3) Training Equipment	-	1.404	-	-	-	-	-	-	-	-	-	-
3.4) Support Equipment	-	0.000	-	-	-	-	-	-	-	-	-	-
3.5) ILS	-	1.440	-	-	-	0.036	-	-	-	-	-	-
3.6) Other Support	-	23.993	-	-	-	0.406	-	0.352	-	-	-	0.352

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0577 - Common Avionics Changes	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Ground Proximity Warning System (GPWS CAT III) Rotary Wing (OSIP 17-98) - 4

Models of Systems Affected: All Aircraft as directed by OPNAV	Type Modification: Common Avionics Modification	Related RDT&E PEs: 0604215N
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
3.7) Interim Contractor Support	-	0.000	-	-	-	-	-	-	-	-	-	-
Total Support Cost		27.866		0.000		0.442		0.352		0.000		0.352
Procurement Cost (Procurement + Support)		64.212		0.000		0.822		0.400		0.000		0.400
Total Installation Cost		7.399		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		71.611		0.000		0.822		0.400		0.000		0.400

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
Ground Proximity Warning System (GPWS CAT III) Rotary Wing (OSIP 17-98)												
A Kits												
Recurring												
1.1.1) GPWS CAT III (A-Kit) - NonOrganic	-	-	-	-	-	-	-	-	-	-	459	4.463
Subtotal Recurring		0.000		0.000		0.000		0.000		0.000		4.463
NonRecurring												
1.2.1) Installation Kits N/R - Organic	-	-	-	-	-	-	-	-	-	-	-	1.258
Subtotal NonRecurring		0.000		0.000		0.000		0.000		0.000		1.258
B Kits												
Recurring												
2.1.1) GPWS CAT III Equip (B-Kit) - Organic	-	-	-	-	-	-	-	-	-	-	460	21.161
Subtotal Recurring		0.000		0.000		0.000		0.000		0.000		21.161
NonRecurring												
2.2.1) Installation Equipment N/R - Organic	-	-	-	-	-	-	-	-	-	-	-	9.892
Subtotal NonRecurring		0.000		0.000		0.000		0.000		0.000		9.892

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0577 - Common Avionics Changes	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Ground Proximity Warning System (GPWS CAT III) Rotary Wing (OSIP 17-98) - 4

Models of Systems Affected: All Aircraft as directed by OPNAV	Type Modification: Common Avionics Modification	Related RDT&E PEs: 0604215N
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
<i>Total, Ground Proximity Warning System (GPWS CAT III) Rotary Wing (OSIP 17-98)</i>	-	-	-	-	-	-	-	-	-	-	919	36.774
<i>Total, All Modifications</i>		0.000		0.000		0.000		0.000		0.000		36.774
Support												
3.1) Data	-	-	-	-	-	-	-	-	-	-	-	1.029
3.2) Engineering Change Orders	-	-	-	-	-	-	-	-	-	-	-	-
3.3) Training Equipment	-	-	-	-	-	-	-	-	-	-	-	1.404
3.4) Support Equipment	-	-	-	-	-	-	-	-	-	-	-	-
3.5) ILS	-	-	-	-	-	-	-	-	-	-	-	1.476
3.6) Other Support	-	-	-	-	-	-	-	-	-	-	-	24.751
3.7) Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		0.000		0.000		0.000		0.000		0.000		28.660
<i>Procurement Cost (Procurement + Support)</i>		0.000		0.000		0.000		0.000		0.000		65.434
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		7.399
Total Cost (Procurement + Support + Installation)		0.000		0.000		0.000		0.000		0.000		72.833

Remarks:

Manufacturer Information: Ground Proximity Warning System (GPWS CAT III) Rotary Wing (OSIP 17-98)							
Manufacturer Name: Manufacturer Name Not Provided.				Manufacturer Location: Manufacturer Location Not Provided.			
Administrative Leadtime (<i>in Months</i>):				Production Leadtime (<i>in Months</i>):			
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates							
Delivery Dates							

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0577 - Common Avionics Changes	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Ground Proximity Warning System (GPWS CAT III) Rotary Wing (OSIP 17-98) - 4
Models of Systems Affected: All Aircraft as directed by OPNAV	Type Modification: Common Avionics Modification	Related RDT&E PEs: 0604215N

Installation: Ground Proximity Warning System (GPWS CAT III) Rotary Wing (OSIP 17-98)	Method of Implementation: [none specified]	Installation Name: GPWS CAT III (A-Kit)
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	459	7.399	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	459	7.399	-	-	-	-	-	-	-	-	-	-

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	459	7.399
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	459	7.399

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0577 - Common Avionics Changes	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Ground Proximity Warning System (GPWS CAT III) Rotary Wing (OSIP 17-98) - 4

Models of Systems Affected: All Aircraft as directed by OPNAV	Type Modification: Common Avionics Modification	Related RDT&E PEs: 0604215N
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Installation: Ground Proximity Warning System (GPWS CAT III) Rotary Wing (OSIP 17-98)	Method of Implementation: [none specified]	Installation Name: GPWS CAT III (A-Kit)
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Installation Schedule																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	459	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	459
Out	459	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	459

Installation: Ground Proximity Warning System (GPWS CAT III) Rotary Wing (OSIP 17-98)	Method of Implementation: Not Installed - GPWS CAT III Equip (B-Kit)	Installation Quantity: 460
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UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0577 - Common Avionics Changes	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Communication - Navigation - Surveillance / Air Traffic Management (CNS/ATM) Systems (OSIP 21-01) - 5

Models of Systems Affected: All A/C as directed by OPNAV	Type Modification: Common Avionics Modification	Related RDT&E PEs: 0604215N
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	409.807	55.619	100.096	53.192	0.000	53.192	79.777	102.339	106.865	90.838	140.664	1,139.197
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	409.807	55.619	100.096	53.192	0.000	53.192	79.777	102.339	106.865	90.838	140.664	1,139.197
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	409.807	55.619	100.096	53.192	0.000	53.192	79.777	102.339	106.865	90.838	140.664	1,139.197

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

CNS/ATM provides new and enhanced hardware and software solutions to comply with national and worldwide civil and military airspace requirements. Solutions include communication, navigation, surveillance and supporting technologies that facilitate air traffic management, and other civil and military operational capabilities. Impacts of non-compliance with airspace standards will include operational delays, circuitously rerouting, or access denial to controlled airspace.

Prioritization of platform type and quantity is based on mission and anticipated operation in affected airspace. Examples of required functionality include Mode S datalink, 8.33 kHz VHF communications, Required Navigation Performance (RNP RNAV), Automatic Dependent Surveillance - Broadcast (ADS-B), Mission Planning integration, Protected Instrument Landing System, cockpit processing and display capability.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: Capability IOCs: P-3C 8.33 FY12, Mode S FY07, RNP RNAV FY08, RVSM N/A; E-P3 8.33 FY10, Mode S FY09, RNP RNAV FY10, RVSM N/A; C-2A 8.33 FY09, Mode S FY09, RNP RNAV FY10, RVSM N/A, ADSB FY17; E-2C 8.33 FY10, Mode S FY10, RNP RNAV FY10, RVSM N/A, ADSB FY17; EA-6B 8.33 FY09, Mode S FY10, RNP RNAV N/A, RVSM N/A; K/C-130J 8.33 FY10, Mode S FY10, RNP RNAV TBD, RVSM FY09; VH-60N 8.33 FY12, Mode S FY14, RNP RNAV N/A; RVSM N/A, ADSB FY18; MH-53E 8.33 N/A, Mode S FY16, RNAV FY16, RVSM N/A, ADS-B FY16; MH-60R/S 8.33 FY10, Mode S FY10, RNP RNAV FY18, RVSM N/A, ADSB FY18; F-18E/F/G 8.33 FY10, Mode S FY09, RNP RNAV FY12, RVSM FY09, ADSB FY17; MV-22B 8.33 FY12, Mode S FY10, RNP RNAV FY18, RVSM N/A, ADSB FY18; AH-1Z/UH-1Y 8.33 FY10, Mode S FY12, RNP RNAV FY17, RVSM N/A, ADSB FY17; AV-8B 8.33 FY09, Mode S FY17, RNP RNAV FY16, RVSM FY11; F-18C/D 8.33 FY10, Mode S FY13, RNP RNAV FY13, RVSM FY14; F-18A+ 8.33 FY10, Mode S FY13, RNP RNAV FY13, RVSM FY14; C-130T 8.33 FY11, Mode S FY11, RNP RNAV FY16, RVSM N/A, ADSB FY16; T-45 8.33 N/A, Mode S N/A, RNP RNAV FY16, RVSM N/A; CH-46E 8.33 N/A, Mode S N/A, RNP RNAV N/A, RVSM N/A

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Exhibit P-3A, Individual Modification: PB 2013 Navy								Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0577 - Common Avionics Changes				Modification Nomenclature (<i>Modification Title, Modification Number</i>): Communication - Navigation - Surveillance / Air Traffic Management (CNS/ATM) Systems (OSIP 21-01) - 5					
Models of Systems Affected: All A/C as directed by OPNAV				Type Modification: Common Avionics Modification				Related RDT&E PEs: 0604215N					
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
Communication - Navigation - Surveillance / Air Traffic Management (CNS/ATM) Systems (OSIP 21-01)													
A Kits													
Recurring													
1.1.1) CNS/ATM Kit - NonOrganic ⁽²⁾													
	222	16.872	30	0.595	9	2.341	5	1.380	-	-	5	1.380	
<i>Subtotal Recurring</i>		16.872		0.595		2.341		1.380		0.000		1.380	
NonRecurring													
1.2.1) Installation Kits N/R - Organic													
	-	22.343	-	1.118	-	2.488	-	2.999	-	-	-	2.999	
<i>Subtotal NonRecurring</i>		22.343		1.118		2.488		2.999		0.000		2.999	
B Kits													
Recurring													
2.1.1) Installation Equipment - CNS/ATM Equip - Organic													
	588	55.401	137	18.554	216	21.533	65	7.746	-	-	65	7.746	
2.1.2) Installation Equipment - CNS/ATM P-ILS - Organic													
	713	2.731	-	-	-	-	-	-	-	-	-	-	
<i>Subtotal Recurring</i>		58.132		18.554		21.533		7.746		0.000		7.746	
NonRecurring													
2.2.1) Installation Equipment N/R - Organic													
	14	97.633	-	3.465	5	38.828	-	10.470	-	-	-	10.470	
<i>Subtotal NonRecurring</i>		97.633		3.465		38.828		10.470		0.000		10.470	
<i>Total, Communication - Navigation - Surveillance / Air Traffic Management (CNS/ATM) Systems (OSIP 21-01)</i>													
	1,537	194.980	167	23.732	230	65.190	70	22.595	-	-	70	22.595	
<i>Total, All Modifications</i>		194.980		23.732		65.190		22.595		0.000		22.595	
Support													
3.1) Engineering Change Orders													
	-	0.964	-	0.096	-	-	-	0.048	-	-	-	0.048	
3.2) Data													
	-	9.131	-	0.412	-	0.150	-	0.155	-	-	-	0.155	
3.3) Training Equipment													
	18	18.142	2	1.631	1	3.154	-	-	-	-	-	-	
3.4) Support Equipment													
	-	0.691	-	0.546	-	-	-	0.079	-	-	-	0.079	

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0577 - Common Avionics Changes	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Communication - Navigation - Surveillance / Air Traffic Management (CNS/ATM) Systems (OSIP 21-01) - 5

Models of Systems Affected: All A/C as directed by OPNAV	Type Modification: Common Avionics Modification	Related RDT&E PEs: 0604215N
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
3.5) ILS	-	6.644	-	0.779	-	-	-	0.110	-	-	-	0.110
3.6) Other Support	-	164.031	-	22.699	-	26.808	-	25.960	-	-	-	25.960
3.7) Interim Contractor Support	-	0.000	-	-	-	-	-	-	-	-	-	-
Total Support Cost		199.603		26.163		30.112		26.352		0.000		26.352
Procurement Cost (Procurement + Support)		394.583		49.895		95.302		48.947		0.000		48.947
Total Installation Cost		15.224		5.724		4.794		4.245		0.000		4.245
Total Cost (Procurement + Support + Installation)		409.807		55.619		100.096		53.192		0.000		53.192

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
Communication - Navigation - Surveillance / Air Traffic Management (CNS/ATM) Systems (OSIP 21-01)												
A Kits												
Recurring												
1.1.1) CNS/ATM Kit - NonOrganic ⁽²⁾	1	0.131	2	0.715	9	1.643	9	1.676	16	3.685	303	29.038
Subtotal Recurring		0.131		0.715		1.643		1.676		3.685		29.038
NonRecurring												
1.2.1) Installation Kits N/R - Organic	-	11.247	-	2.781	-	0.368	-	-	-	-	-	43.344
Subtotal NonRecurring		11.247		2.781		0.368		0.000		0.000		43.344
B Kits												
Recurring												
2.1.1) Installation Equipment - CNS/ATM Equip - Organic	100	6.977	124	15.174	251	17.635	284	24.871	354	39.104	2,119	206.995
2.1.2) Installation Equipment - CNS/ATM P-ILS - Organic	-	-	-	-	-	-	-	-	-	-	713	2.731
Subtotal Recurring		6.977		15.174		17.635		24.871		39.104		209.726
NonRecurring												

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0577 - Common Avionics Changes	Modification Nomenclature (Modification Title, Modification Number): Communication - Navigation - Surveillance / Air Traffic Management (CNS/ATM) Systems (OSIP 21-01) - 5

Models of Systems Affected: All A/C as directed by OPNAV	Type Modification: Common Avionics Modification	Related RDT&E PEs: 0604215N
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
2.2.1) Installation Equipment N/R - Organic	-	33.032	1	45.565	-	38.659	-	22.110	-	5.916	20	295.678
<i>Subtotal NonRecurring</i>		33.032		45.565		38.659		22.110		5.916		295.678
<i>Total, Communication - Navigation - Surveillance / Air Traffic Management (CNS/ATM) Systems (OSIP 21-01)</i>	101	51.387	127	64.235	260	58.305	293	48.657	370	48.705	3,155	577.786
<i>Total, All Modifications</i>		51.387		64.235		58.305		48.657		48.705		577.786
Support												
3.1) Engineering Change Orders	-	0.025	-	0.744	-	0.934	-	1.026	-	0.671	-	4.508
3.2) Data	-	0.226	-	1.705	-	1.808	-	0.520	-	0.840	-	14.947
3.3) Training Equipment	-	0.082	-	3.295	1	7.653	-	1.644	-	11.337	22	46.938
3.4) Support Equipment	-	0.022	-	-	-	-	-	0.166	-	0.356	-	1.860
3.5) ILS	-	0.194	-	0.765	-	0.974	-	0.769	-	0.739	-	10.974
3.6) Other Support	-	24.448	-	31.207	-	35.242	-	34.261	-	65.353	-	430.009
3.7) Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		24.997		37.716		46.611		38.386		79.296		509.236
<i>Procurement Cost (Procurement + Support)</i>		76.384		101.951		104.916		87.043		128.001		1,087.022
<i>Total Installation Cost</i>		3.393		0.388		1.949		3.795		12.663		52.175
Total Cost (Procurement + Support + Installation)		79.777		102.339		106.865		90.838		140.664		1,139.197

Remarks:

- (2)** B-Kits quantities differ from A-Kits where B-Kits consists of a card or module that will be integrated without A-Kit requirement.
- ** Installation Kit/Installation Equipment quantities reflect number of units procured, installation quantity reflects number of aircraft.
- ** Certifications are based on analysis and doesn't necessarily reflect integration.
- ** Cost per quantity variation is due to variation in platforms, platform quantities, associated equipment per platform, and cost per equipment.
- ** E-2C GNS-530 COTS item; no production lead time.
- ** Difference in A-kits and Installations (15) are as follows: P-3C (26) A-kits paid for by PMA-290, Decrease of CH-53E (-8) program cancelled and kits not installed, MH-53E (-2) and EA-6B (-1) installed by platform OSIP.
- ** Installing 5 prior year E-2 Kits in FY12 due to FY11 HAC Mark
- ** Production Lead Time is acceptable and does not impact induction of aircraft due to length of aircraft modification.
- ** Cost per quantity variation is due to variation in platforms, platform quantities, associated equipment per platform, and cost per equipment.

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0577 - Common Avionics Changes	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Communication - Navigation - Surveillance / Air Traffic Management (CNS/ATM) Systems (OSIP 21-01) - 5

Models of Systems Affected: All A/C as directed by OPNAV	Type Modification: Common Avionics Modification	Related RDT&E PEs: 0604215N
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Manufacturer Information: Communication - Navigation - Surveillance / Air Traffic Management (CNS/ATM) Systems (OSIP 21-01)

Manufacturer Name: Various	Manufacturer Location: Various
Administrative Leadtime (<i>in Months</i>): 4	Production Leadtime (<i>in Months</i>): 11

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates	Jan 2011	Jan 2012	Jan 2013	Jan 2014			
Delivery Dates	Dec 2011	Dec 2012	Dec 2013	Dec 2014			

Installation: Communication - Navigation - Surveillance / Air Traffic Management (CNS/ATM) Systems (OSIP 21-01)	Method of Implementation: USN Field Modification Team	Installation Name: CNS/ATM Kit
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	207	15.224	25	5.724	5	3.262	-	-	-	-	-	-
FY 2011	-	-	-	-	30	1.532	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	9	4.245	0	0.000	9	4.245
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	207	15.224	25	5.724	35	4.794	9	4.245	0	0.000	9	4.245

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	237	24.210
FY 2011	-	-	-	-	-	-	-	-	-	-	30	1.532
FY 2012	-	-	-	-	-	-	-	-	-	-	9	4.245

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0577 - Common Avionics Changes	Modification Nomenclature (Modification Title, Modification Number): Communication - Navigation - Surveillance / Air Traffic Management (CNS/ATM) Systems (OSIP 21-01) - 5
Models of Systems Affected: All A/C as directed by OPNAV	Type Modification: Common Avionics Modification	Related RDT&E PEs: 0604215N

Installation: Communication - Navigation - Surveillance / Air Traffic Management (CNS/ATM) Systems (OSIP 21-01)	Method of Implementation: USN Field Modification Team	Installation Name: CNS/ATM Kit
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Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
FY 2013	5	3.393	-	-	-	-	-	-	-	-	5	3.393
FY 2014	-	-	1	0.388	-	-	-	-	-	-	1	0.388
FY 2015	-	-	-	-	2	1.949	-	-	-	-	2	1.949
FY 2016	-	-	-	-	-	-	9	3.795	-	-	9	3.795
FY 2017	-	-	-	-	-	-	-	-	9	2.224	9	2.224
To Complete	-	-	-	-	-	-	-	-	16	10.439	16	10.439
Total	5	3.393	1	0.388	2	1.949	9	3.795	25	12.663	318	52.175

Installation Schedule																																
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot	
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4			
In	207	6	6	6	7	8	8	9	10	-	3	3	3	1	1	1	2	-	-	1	-	-	-	-	1	1	2	2	2	3	25	318
Out	207	6	6	6	7	8	8	9	10	-	3	3	3	1	1	1	2	-	-	1	-	-	-	-	1	1	2	2	2	3	25	318

Installation: Communication - Navigation - Surveillance / Air Traffic Management (CNS/ATM) Systems (OSIP 21-01)	Method of Implementation: Not Installed - Installation Equipment - CNS/ATM Equip	Installation Quantity: 2119
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Installation: Communication - Navigation - Surveillance / Air Traffic Management (CNS/ATM) Systems (OSIP 21-01)	Method of Implementation: Not Installed - Installation Equipment - CNS/ATM P-ILS	Installation Quantity: 713
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Installation: Communication - Navigation - Surveillance / Air Traffic Management (CNS/ATM) Systems (OSIP 21-01)	Method of Implementation: Not Installed - Installation Equipment N/R	Installation Quantity: 20
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Installation: Communication - Navigation - Surveillance / Air Traffic Management (CNS/ATM) Systems (OSIP 21-01)	Method of Implementation: Not Installed - Training Equipment	Installation Quantity: 22
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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0577 - Common Avionics Changes	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Advanced Mission Computer & Displays (AMC&D)/ Multipurpose Color Display (MPCD) (OSIP 01-02) - 6

Models of Systems Affected: All Aircraft as directed by OPNAV	Type Modification: Common Avionics Modification	Related RDT&E PEs:
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	314.455	4.526	14.360	8.416	0.000	8.416	5.500	0.000	0.000	0.000	0.000	347.257
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	314.455	4.526	14.360	8.416	0.000	8.416	5.500	0.000	0.000	0.000	0.000	347.257
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	314.455	4.526	14.360	8.416	0.000	8.416	5.500	0.000	0.000	0.000	0.000	347.257

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

Advanced Mission Computer and Displays (AMC&D) program modifies/replaces existing obsolete and performance limited AN/AYK-14(V) Mission Computers (MC) and Contractor Furnished Equipment and Displays in naval aviation platforms. The program system consists of an Advanced Mission Computer (AMC) technologies which includes areas such as Mission Processing and Display Processing, Display Heads (DH), High-Speed Data Bus interfaces with Fiber Channel Network Switches (FCNS), Core system software, and multi-functional 8x10 Multipurpose Color Displays (MPCD). AMC&D system will have modular components integrated on an Open Systems Architecture so that it can be tailored and configured for multiple applications implementing common core system software and hardware modules. The capabilities address new performance requirements and technologies while minimizing the investment cost so that it can be tailored and configured for each application, and can address new performance requirements and technologies with minimum cost. AMC&D will provide improved mission computers and displays to handle increased requirement for flight, mission, and imagery data. Due to obsolescence problems with the current Multipurpose Color Display (MPCD), the AMC&D program is leveraging the 5x5 DH to provide a form, fit, function and interface replacement (no install funding required). The program conducts analysis on parts obsolescence and its associated resolutions which will be required to maintain current AMC&D configuration and to determine life of type procurements as required for platform installations. AMC&D MNS - M061-88-94 of 2 December 1994. AMC&D ORD Ser. No. 549-88-00 Approved 21 March 2000.

MPCD production buys began in FY02 (no installation required) and AMC&D LRIP production buys began in FY01 with FRP buys beginning in FY04. The F/A-18E/F Retrofit Program (began in FY06) goal is to achieve a 2-block configuration. Block 1 aircraft include Lots 23-25 and Block 2 includes Lots 26 and above. Block 1 will consist of replacing the AN/AYK-14 computers in Lots 23-24 and replacing the AMC with a newer configuration AMC in Lot 25. The computers are obtained as part of a reuse program from Block 2 portion of the upgrade and all Lots will require an A-kit. Lots 26 and 27 of Block 2 are provisioned to accept all WRAs for Block 2. The FY06 procurement for Lots 26 consisted of FCNS, displays and digital video mapping card. The FY06 procurement for Lot 27 consisted of displays, DVMC, and upgrade to a card in the AMC. To maintain the common block configuration, new AMCs are procured for both Lots in the out years. The AMCs removed from Lots 26 and 27 will be part of the reuse to the Block 1 configuration. The AMCs procured for Lot 28 and 29 do not require installation costs since they are a form fit function replacement for as-delivered AMCs. The systems removed from Lots 28 and 29 will be part of the reuse process. The FY08, 09 and 10 procurements include B-kits to provide digital output for the 8x10 AMPD High Resolution Recorder Interface (HRRRI) to address a COMOPTEVFOR finding of poor ready room playback quality of the current analog video signal.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: AMC and 5x5 display CDR - 2nd Qtr FY01. FCNS CDR - 4th Qtr FY01, 8x10 CDR - 2nd Qtr FY02.

F/A-18E/F: OPEVAL - 2nd Qtr FY03, Milestone III - 4th Qtr FY04, OA - 3rd Qtr FY02, FOT&E 3rd Qtr FY04.

AV-8B DT-IIB-2 - 4th Qtr FY01, OPEVAL - 4th Qtr FY02, Milestone III - 2nd Qtr FY03.

8x10 Displays MS III 2nd Qtr FY06.

Due to variation in lead times, B-kits are procured in year 1, A-kits in year 2 and Installs in year 3. B-kit lead time 19 months, A-kit lead time 8 months.

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0577 - Common Avionics Changes	Modification Nomenclature <i>(Modification Title, Modification Number):</i> Advanced Mission Computer & Displays (AMC&D)/ Multipurpose Color Display (MPCD) (OSIP 01-02) - 6
Models of Systems Affected: All Aircraft as directed by OPNAV	Type Modification: Common Avionics Modification	Related RDT&E PEs:

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0577 - Common Avionics Changes	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Advanced Mission Computer & Displays (AMC&D)/ Multipurpose Color Display (MPCD) (OSIP 01-02) - 6

Models of Systems Affected: All Aircraft as directed by OPNAV	Type Modification: Common Avionics Modification	Related RDT&E PEs:
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
Advanced Mission Computer & Displays (AMC&D)/ Multipurpose Color Display (MPCD) (OSIP 01-02)												
A Kits												
Recurring												
1.1.1) AMC&D Kits - NonOrganic ⁽³⁾	261	2.376	-	-	-	-	-	-	-	-	-	-
<i>Subtotal Recurring</i>		2.376		0.000		0.000		0.000		0.000		0.000
B Kits												
Recurring												
2.1.1) AMC&D / MPCD Equip - Organic	957	182.335	-	-	-	-	-	-	-	-	-	-
<i>Subtotal Recurring</i>		182.335		0.000		0.000		0.000		0.000		0.000
NonRecurring												
2.2.1) Installation Equipment N/R - Organic	-	81.484	-	0.527	-	-	-	-	-	-	-	-
<i>Subtotal NonRecurring</i>		81.484		0.527		0.000		0.000		0.000		0.000
<i>Total, Advanced Mission Computer & Displays (AMC&D)/ Multipurpose Color Display (MPCD) (OSIP 01-02)</i>	1,218	266.195	-	0.527	-	-	-	-	-	-	-	-
<i>Total, All Modifications</i>		266.195		0.527		0.000		0.000		0.000		0.000
Support												
3.1) Engineering Change Orders	-	3.887	-	-	-	8.825	-	2.686	-	-	-	2.686
3.2) Data	-	1.427	-	-	-	0.484	-	-	-	-	-	-
3.3) Training Equipment	-	1.926	-	-	-	-	-	-	-	-	-	-
3.4) Support Equipment	-	2.343	-	-	-	-	-	-	-	-	-	-
3.5) ILS	-	9.938	-	0.550	-	0.806	-	0.550	-	-	-	0.550
3.6) Other Support	-	28.321	-	3.449	-	4.245	-	5.180	-	-	-	5.180
3.7) Interim Contractor Support	-	0.000	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		47.842		3.999		14.360		8.416		0.000		8.416

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0577 - Common Avionics Changes	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Advanced Mission Computer & Displays (AMC&D)/ Multipurpose Color Display (MPCD) (OSIP 01-02) - 6

Models of Systems Affected: All Aircraft as directed by OPNAV	Type Modification: Common Avionics Modification	Related RDT&E PEs:
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
<i>Procurement Cost (Procurement + Support)</i>		314.037		4.526		14.360		8.416		0.000		8.416
<i>Total Installation Cost</i>		0.418		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		314.455		4.526		14.360		8.416		0.000		8.416

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
Advanced Mission Computer & Displays (AMC&D)/ Multipurpose Color Display (MPCD) (OSIP 01-02)												
A Kits												
Recurring												
1.1.1) AMC&D Kits - NonOrganic ⁽³⁾	-	-	-	-	-	-	-	-	-	-	261	2.376
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		2.376
B Kits												
Recurring												
2.1.1) AMC&D / MPCD Equip - Organic	-	-	-	-	-	-	-	-	-	-	957	182.335
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		182.335
NonRecurring												
2.2.1) Installation Equipment N/R - Organic	-	-	-	-	-	-	-	-	-	-	-	82.011
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		82.011
<i>Total, Advanced Mission Computer & Displays (AMC&D)/ Multipurpose Color Display (MPCD) (OSIP 01-02)</i>	-	-	-	-	-	-	-	-	-	-	1,218	266.722
<i>Total, All Modifications</i>		0.000		0.000		0.000		0.000		0.000		266.722
Support												
3.1) Engineering Change Orders	-	3.447	-	-	-	-	-	-	-	-	-	18.845
3.2) Data	-	-	-	-	-	-	-	-	-	-	-	1.911

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0577 - Common Avionics Changes	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Advanced Mission Computer & Displays (AMC&D)/ Multipurpose Color Display (MPCD) (OSIP 01-02) - 6

Models of Systems Affected: All Aircraft as directed by OPNAV	Type Modification: Common Avionics Modification	Related RDT&E PEs:
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
3.3) Training Equipment	-	-	-	-	-	-	-	-	-	-	-	1.926
3.4) Support Equipment	-	-	-	-	-	-	-	-	-	-	-	2.343
3.5) ILS	-	-	-	-	-	-	-	-	-	-	-	11.844
3.6) Other Support	-	2.053	-	-	-	-	-	-	-	-	-	43.248
3.7) Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	-
Total Support Cost		5.500		0.000		0.000		0.000		0.000		80.117
Procurement Cost (Procurement + Support)		5.500		0.000		0.000		0.000		0.000		346.839
Total Installation Cost		0.000		0.000		0.000		0.000		0.000		0.418
Total Cost (Procurement + Support + Installation)		5.500		0.000		0.000		0.000		0.000		347.257

Remarks:
(3)** 52 A-kits were turned over to PMA-265 for install

Manufacturer Information: Advanced Mission Computer & Displays (AMC&D)/ Multipurpose Color Display (MPCD) (OSIP 01-02)							
Manufacturer Name: Manufacturer Name Not Provided.				Manufacturer Location: Manufacturer Location Not Provided.			
Administrative Leadtime (in Months):				Production Leadtime (in Months):			
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates							
Delivery Dates							

Installation: Advanced Mission Computer & Displays (AMC&D)/ Multipurpose Color Display (MPCD) (OSIP 01-02)		Method of Implementation: Prime Contractor				Installation Name: AMC&D Kits						
Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	209	0.418	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0577 - Common Avionics Changes	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Advanced Mission Computer & Displays (AMC&D)/ Multipurpose Color Display (MPCD) (OSIP 01-02) - 6
Models of Systems Affected: All Aircraft as directed by OPNAV	Type Modification: Common Avionics Modification	Related RDT&E PEs:

Installation: Advanced Mission Computer & Displays (AMC&D)/ Multipurpose Color Display (MPCD) (OSIP 01-02)	Method of Implementation: Prime Contractor	Installation Name: AMC&D Kits
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	209	0.418	-	-	-	-	-	-	-	-	-	-

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	209	0.418
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	209	0.418

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Exhibit P-3A, Individual Modification: PB 2013 Navy **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0577 - Common Avionics Changes	Modification Nomenclature <i>(Modification Title, Modification Number):</i> Advanced Mission Computer & Displays (AMC&D)/ Multipurpose Color Display (MPCD) (OSIP 01-02) - 6
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Models of Systems Affected: All Aircraft as directed by OPNAV	Type Modification: Common Avionics Modification	Related RDT&E PEs:
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Installation: Advanced Mission Computer & Displays (AMC&D)/ Multipurpose Color Display (MPCD) (OSIP 01-02)	Method of Implementation: Prime Contractor	Installation Name: AMC&D Kits
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Installation Schedule																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	209	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	209
Out	209	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	209

Installation: Advanced Mission Computer & Displays (AMC&D)/ Multipurpose Color Display (MPCD) (OSIP 01-02)	Method of Implementation: Not Installed - AMC&D / MPCD Equip	Installation Quantity: 957
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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0577 - Common Avionics Changes	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Tactical Aircraft Moving Map Capability (TAMMAC) (OSIP 02-02) - 7

Models of Systems Affected: All Aircraft as directed by OPNAV	Type Modification: Common Avionics Modification	Related RDT&E PEs:
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	118.074	0.100	5.574	2.490	0.000	2.490	0.000	0.000	0.000	0.000	0.000	126.238
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	118.074	0.100	5.574	2.490	0.000	2.490	0.000	0.000	0.000	0.000	0.000	126.238
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	118.074	0.100	5.574	2.490	0.000	2.490	0.000	0.000	0.000	0.000	0.000	126.238

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

TAMMAC provides the aircrew an easily assimilated graphical presentation of the aircraft's position and the relative positions of targets, threats, terrain features, planned mission flight path, no fly zones, safe bases and other objects. The program presents the aircraft's current situation on a map using new or existing cockpit displays. In addition to providing a moving map capability, the program provides a memory resource for the overall aircraft mission system and incorporates an improved data transfer and recording capability. This memory resource includes a data loader function of sufficient memory capacity and speed to load/update all required map theater and mission specific databases as well as the ability to record mission and maintenance data. TAMMAC will also provide a Terrain Awareness Warning System (TAWS) capability. The principle benefits anticipated, increased mission effectiveness and survivability, arise from improved situation awareness, reduced crew workload and enhanced capability for precision navigation, targeting, terrain avoidance, and mission re-planning. The TAMMAC program will procure and modify TAMMAC hardware and software technology as well as support the re-use of existing hardware when appropriate for all naval aviation aircraft.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: Milestone III approved April 01.

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Exhibit P-3A, Individual Modification: PB 2013 Navy								Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0577 - Common Avionics Changes				Modification Nomenclature (<i>Modification Title, Modification Number</i>): Tactical Aircraft Moving Map Capability (TAMMAC) (OSIP 02-02) - 7					
Models of Systems Affected: All Aircraft as directed by OPNAV				Type Modification: Common Avionics Modification				Related RDT&E PEs:					
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
Tactical Aircraft Moving Map Capability (TAMMAC) (OSIP 02-02)													
A Kits													
Recurring													
1.1.1) TAMMAC Kit - NonOrganic ⁽⁴⁾													
	535	2.498	-	-	15	0.435	-	-	-	-	-	-	
<i>Subtotal Recurring</i>		2.498		0.000		0.435		0.000		0.000		0.000	
B Kits													
Recurring													
2.1.1) TAMMAC Equip - Organic													
	771	38.973	-	-	15	1.125	-	-	-	-	-	-	
<i>Subtotal Recurring</i>		38.973		0.000		1.125		0.000		0.000		0.000	
NonRecurring													
2.2.1) Installation Equipment N/R - Organic													
	-	41.970	-	-	-	-	-	-	-	-	-	-	
<i>Subtotal NonRecurring</i>		41.970		0.000		0.000		0.000		0.000		0.000	
<i>Total, Tactical Aircraft Moving Map Capability (TAMMAC) (OSIP 02-02)</i>		1,306	83.441	-	-	30	1.560	-	-	-	-	-	
<i>Total, All Modifications</i>			83.441		0.000		1.560		0.000		0.000	0.000	
Support													
3.1) Engineering Change Orders													
	-	1.069	-	0.077	-	-	-	-	-	-	-	-	
3.2) Data													
	-	0.615	-	-	-	-	-	-	-	-	-	-	
3.3) Training Equipment													
	-	0.066	-	-	-	-	-	-	-	-	-	-	
3.4) Support Equipment													
	399	1.359	-	-	-	-	-	-	-	-	-	-	
3.5) ILS													
	-	2.761	-	-	-	0.450	-	0.150	-	-	-	0.150	
3.6) Other Support													
	-	22.719	-	0.023	-	1.012	-	0.540	-	-	-	0.540	
3.7) Interim Contractor Support													
	-	0.000	-	-	-	-	-	-	-	-	-	-	
<i>Total Support Cost</i>		28.589		0.100		1.462		0.690		0.000		0.690	
<i>Procurement Cost (Procurement + Support)</i>		112.030		0.100		3.022		0.690		0.000		0.690	
<i>Total Installation Cost</i>		6.044		0.000		2.552		1.800		0.000		1.800	
Total Cost (Procurement + Support + Installation)		118.074		0.100		5.574		2.490		0.000		2.490	

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0577 - Common Avionics Changes	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Tactical Aircraft Moving Map Capability (TAMMAC) (OSIP 02-02) - 7

Models of Systems Affected: All Aircraft as directed by OPNAV	Type Modification: Common Avionics Modification	Related RDT&E PEs:
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
Tactical Aircraft Moving Map Capability (TAMMAC) (OSIP 02-02)												
A Kits												
Recurring												
1.1.1) TAMMAC Kit - NonOrganic ⁽⁴⁾	-	-	-	-	-	-	-	-	-	-	550	2.933
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		2.933
B Kits												
Recurring												
2.1.1) TAMMAC Equip - Organic	-	-	-	-	-	-	-	-	-	-	786	40.098
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		40.098
NonRecurring												
2.2.1) Installation Equipment N/R - Organic	-	-	-	-	-	-	-	-	-	-	-	41.970
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		41.970
<i>Total, Tactical Aircraft Moving Map Capability (TAMMAC) (OSIP 02-02)</i>	-	-	-	-	-	-	-	-	-	-	1,336	85.001
<i>Total, All Modifications</i>		0.000		0.000		0.000		0.000		0.000		85.001
Support												
3.1) Engineering Change Orders	-	-	-	-	-	-	-	-	-	-	-	1.146
3.2) Data	-	-	-	-	-	-	-	-	-	-	-	0.615
3.3) Training Equipment	-	-	-	-	-	-	-	-	-	-	-	0.066
3.4) Support Equipment	-	-	-	-	-	-	-	-	-	-	399	1.359
3.5) ILS	-	-	-	-	-	-	-	-	-	-	-	3.361
3.6) Other Support	-	-	-	-	-	-	-	-	-	-	-	24.294
3.7) Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		0.000		0.000		0.000		0.000		0.000		30.841
<i>Procurement Cost (Procurement + Support)</i>		0.000		0.000		0.000		0.000		0.000		115.842
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		10.396
Total Cost (Procurement + Support + Installation)		0.000		0.000		0.000		0.000		0.000		126.238

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0577 - Common Avionics Changes	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Tactical Aircraft Moving Map Capability (TAMMAC) (OSIP 02-02) - 7

Models of Systems Affected: All Aircraft as directed by OPNAV	Type Modification: Common Avionics Modification	Related RDT&E PEs:
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Remarks:
 (4)** Difference in A and B kits reflect procurements of AMU only and DVMC retrofits - no A kit required.
 ** FY11 (49) installs into F/A-18 A/C delayed due to delay in PMA265 ECP-6038R2 contract.
 ** FY11/12/13 to support Wartime efforts AV-8B's 4 year IMP Install schedule changed to a 5 year Install Schedule.
 ** F/A-18 C/D installing 9 kits in FY11 out of platform OSIP.
 ** AV-8B installing 16 kits in FY11 out of platform OSIP
 ** AV-8B procured two (2) A-kits which are being installed in FY13.

Manufacturer Information: Tactical Aircraft Moving Map Capability (TAMMAC) (OSIP 02-02)

Manufacturer Name: Various				Manufacturer Location: Various			
Administrative Leadtime (<i>in Months</i>): 7				Production Leadtime (<i>in Months</i>): 12			
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates		Apr 2012					
Delivery Dates		Apr 2013					

Installation: Tactical Aircraft Moving Map Capability (TAMMAC) (OSIP 02-02)	Method of Implementation: USN Field Modification Team	Installation Name: TAMMAC Kit
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>
All Prior Years	430	6.044	-	-	80	2.552	2	0.200	0	0.000	2	0.200
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	15	1.600	0	0.000	15	1.600
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	430	6.044	-	-	80	2.552	17	1.800	0	0.000	17	1.800

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0577 - Common Avionics Changes	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Tactical Aircraft Moving Map Capability (TAMMAC) (OSIP 02-02) - 7
Models of Systems Affected: All Aircraft as directed by OPNAV	Type Modification: Common Avionics Modification	Related RDT&E PEs:

Installation: Tactical Aircraft Moving Map Capability (TAMMAC) (OSIP 02-02)	Method of Implementation: USN Field Modification Team	Installation Name: TAMMAC Kit
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Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	512	8.796
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	15	1.600
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	527	10.396

Installation Schedule																																
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot	
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4			
In	430	-	-	-	-	20	20	20	20	2	-	7	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	527
Out	430	-	-	-	-	20	20	20	20	2	-	7	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	527

Installation: Tactical Aircraft Moving Map Capability (TAMMAC) (OSIP 02-02)	Method of Implementation: Not Installed - TAMMAC Equip	Installation Quantity: 786
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Installation: Tactical Aircraft Moving Map Capability (TAMMAC) (OSIP 02-02)	Method of Implementation: Not Installed - Support Equipment	Installation Quantity: 399
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Exhibit P-3A, Individual Modification: PB 2013 Navy							Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0577 - Common Avionics Changes				Modification Nomenclature (<i>Modification Title, Modification Number</i>): Attitude Gyro Upgrade (OSIP 07-04) - 8				
Models of Systems Affected: All Aircraft as directed by OPNAV			Type Modification: Common Avionics Modification				Related RDT&E PEs:					

Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	51.991	0.966	0.700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	53.657
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	51.991	0.966	0.700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	53.657
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	51.991	0.966	0.700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	53.657

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

Attitude Gyro Upgrade replaces obsolete 1960s technology gyros in naval aviation aircraft with a more reliable and maintainable gyro. The program provides state-of-the-art Commercial-off-the-Shelf (COTS) products to improve readiness and reduce fleet operational and support costs in the flight hour program for all naval aviation aircraft.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: Production Decision for Rate Gyros was completed in 4Q FY06. Production Decision for Displacement Gyros was completed in 3Q FY11. MEMS Rate & Displacement Gyros have completed retrofit into HH-60J a/c. Rate Gyro retrofits are ongoing for HH-60H, SH-60B/F, and MH-60R/S aircraft. Rate Gyros are planned for installation on CH-53E & MH-53E aircraft starting in 4Q FY11. Displacement Gyros are planned for installation on CH-53E, MH-53E, EP-3E and P-3C aircraft starting in 3Q FY12.

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Exhibit P-3A, Individual Modification: PB 2013 Navy										Date: February 2012				
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1					P-1 Line Item Nomenclature: 0577 - Common Avionics Changes					Modification Nomenclature (<i>Modification Title, Modification Number</i>): Attitude Gyro Upgrade (OSIP 07-04) - 8				
Models of Systems Affected: All Aircraft as directed by OPNAV					Type Modification: Common Avionics Modification					Related RDT&E PEs:				
Financial Plan			Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
			<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>
Procurement														
Attitude Gyro Upgrade (OSIP 07-04)														
B Kits														
Recurring														
2.1.1) Attitude Upgrade Equip - Organic ⁽⁵⁾														
	4,654	27.271	-	-	-	-	-	-	-	-	-	-	-	
<i>Subtotal Recurring</i>		27.271		0.000		0.000		0.000		0.000		0.000	0.000	
NonRecurring														
2.2.1) Installation Equipment N/R - Organic														
	-	8.381	-	-	-	-	-	-	-	-	-	-	-	
<i>Subtotal NonRecurring</i>		8.381		0.000		0.000		0.000		0.000		0.000	0.000	
<i>Total, Attitude Gyro Upgrade (OSIP 07-04)</i>		4,654	35.652	-	-	-	-	-	-	-	-	-	-	
<i>Total, All Modifications</i>			35.652		0.000		0.000		0.000		0.000		0.000	
Support														
3.1) Data														
	-	0.914	-	-	-	-	-	-	-	-	-	-	-	
3.2) Engineering Change Orders														
	-	0.000	-	-	-	-	-	-	-	-	-	-	-	
3.3) ILS														
	-	0.740	-	-	-	-	-	-	-	-	-	-	-	
3.4) Training Equipment														
	-	0.000	-	-	-	-	-	-	-	-	-	-	-	
3.5) Support Equipment														
	-	0.000	-	-	-	-	-	-	-	-	-	-	-	
3.6) Other Support														
	-	14.685	-	0.966	-	0.700	-	-	-	-	-	-	-	
3.7) Interim Contractor Support														
	-	0.000	-	-	-	-	-	-	-	-	-	-	-	
<i>Total Support Cost</i>		16.339		0.966		0.700		0.000		0.000		0.000	0.000	
<i>Procurement Cost (Procurement + Support)</i>		51.991		0.966		0.700		0.000		0.000		0.000	0.000	
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000	0.000	
Total Cost (Procurement + Support + Installation)		51.991		0.966		0.700		0.000		0.000		0.000	0.000	
Financial Plan			FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
			<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>
Procurement														

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0577 - Common Avionics Changes	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Attitude Gyro Upgrade (OSIP 07-04) - 8
Models of Systems Affected: All Aircraft as directed by OPNAV	Type Modification: Common Avionics Modification	Related RDT&E PEs:

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Attitude Gyro Upgrade (OSIP 07-04)												
B Kits												
Recurring												
2.1.1) Attitude Upgrade Equip - Organic ⁽⁵⁾	-	-	-	-	-	-	-	-	-	-	4,654	27,271
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		27,271
NonRecurring												
2.2.1) Installation Equipment N/R - Organic	-	-	-	-	-	-	-	-	-	-	-	8,381
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		8,381
<i>Total, Attitude Gyro Upgrade (OSIP 07-04)</i>	-	-	-	-	-	-	-	-	-	-	4,654	35,652
<i>Total, All Modifications</i>		0.000		0.000		0.000		0.000		0.000		35,652
Support												
3.1) Data	-	-	-	-	-	-	-	-	-	-	-	0,914
3.2) Engineering Change Orders	-	-	-	-	-	-	-	-	-	-	-	-
3.3) ILS	-	-	-	-	-	-	-	-	-	-	-	0,740
3.4) Training Equipment	-	-	-	-	-	-	-	-	-	-	-	-
3.5) Support Equipment	-	-	-	-	-	-	-	-	-	-	-	-
3.6) Other Support	-	-	-	-	-	-	-	-	-	-	-	16,351
3.7) Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		0.000		0.000		0.000		0.000		0.000		18,005
<i>Procurement Cost (Procurement + Support)</i>		0.000		0.000		0.000		0.000		0.000		53,657
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		0.000		0.000		0.000		0.000		0.000		53,657

Remarks:

⁽⁵⁾** H-53 OSIP # 08-06 reflects (7) Displacement Gyros in FY07.

** O-Level installations; therefore, no install cost.

Manufacturer Information: Attitude Gyro Upgrade (OSIP 07-04)	
Manufacturer Name: Manufacturer Name Not Provided.	Manufacturer Location: Manufacturer Location Not Provided.

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Exhibit P-3A, Individual Modification: PB 2013 Navy					Date: February 2012		
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1			P-1 Line Item Nomenclature: 0577 - Common Avionics Changes		Modification Nomenclature <i>(Modification Title, Modification Number):</i> Attitude Gyro Upgrade (OSIP 07-04) - 8		
Models of Systems Affected: All Aircraft as directed by OPNAV		Type Modification: Common Avionics Modification		Related RDT&E PEs:			
Manufacturer Information: Attitude Gyro Upgrade (OSIP 07-04)							
Administrative Leadtime <i>(in Months):</i>				Production Leadtime <i>(in Months):</i>			
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates							
Delivery Dates							
Installation: Attitude Gyro Upgrade (OSIP 07-04)							
Method of Implementation: Not Installed - Attitude Upgrade Equip			Installation Quantity: 4654				

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0577 - Common Avionics Changes	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Aircrew Wireless Internal Communications System (AWICS) (OSIP 09-04) - 9

Models of Systems Affected: All A/C as directed by OPNAV	Type Modification: Common Avionics Modification	Related RDT&E PEs:
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	20.842	2.733	2.110	2.580	0.000	2.580	3.649	14.410	10.503	3.268	41.752	101.847
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	20.842	2.733	2.110	2.580	0.000	2.580	3.649	14.410	10.503	3.268	41.752	101.847
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	20.842	2.733	2.110	2.580	0.000	2.580	3.649	14.410	10.503	3.268	41.752	101.847

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

Aircrew Wireless Internal Communications System (AWICS) is a safety generated program that provides a wireless ICS capability to prevent aircrew/passenger entanglement with ICS long cords in the event of mishap and allows unimpeded movement throughout the aircraft. The priority for fielding is determined by the aircraft that are most susceptible to a water ditching and likely long cord entanglement scenario. Long cord entanglement and subsequent drowning is a documented cause of death in previous mishap investigations. The program will procure new and/or modify existing equipment for Naval Aviation aircraft as necessary to facilitate the elimination of the long cord danger while maintaining the aircraft's existing ICS capability.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: Installation Decision (Unencrypted) 3rd Quarter 2006.

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0577 - Common Avionics Changes	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Aircrew Wireless Internal Communications System (AWICS) (OSIP 09-04) - 9

Models of Systems Affected: All A/C as directed by OPNAV	Type Modification: Common Avionics Modification	Related RDT&E PEs:
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
Aircrew Wireless Internal Communications System (AWICS) (OSIP 09-04)												
A Kits												
Recurring												
1.1.1) AWICS Kit - NonOrganic ⁽⁶⁾	419	1.529	19	0.049	15	0.090	29	0.076	-	-	29	0.076
<i>Subtotal Recurring</i>		1.529		0.049		0.090		0.076		0.000		0.076
NonRecurring												
1.2.1) Installation Kits N/R - Organic	-	0.169	-	0.032	-	-	-	-	-	-	-	-
<i>Subtotal NonRecurring</i>		0.169		0.032		0.000		0.000		0.000		0.000
B Kits												
Recurring												
2.1.1) AWICS Equip - NonOrganic ⁽⁷⁾	498	5.470	19	0.323	15	0.375	29	0.515	-	-	29	0.515
<i>Subtotal Recurring</i>		5.470		0.323		0.375		0.515		0.000		0.515
NonRecurring												
2.2.1) Installation Equipment N/R - Organic	-	1.572	-	0.600	-	0.500	-	-	-	-	-	-
<i>Subtotal NonRecurring</i>		1.572		0.600		0.500		0.000		0.000		0.000
<i>Total, Aircrew Wireless Internal Communications System (AWICS) (OSIP 09-04)</i>	917	8.740	38	1.004	30	0.965	58	0.591	-	-	58	0.591
<i>Total, All Modifications</i>		8.740		1.004		0.965		0.591		0.000		0.591
Support												
3.1) Data	-	0.184	-	-	-	-	-	0.026	-	-	-	0.026
3.2) Engineering Change Orders	-	0.000	-	-	-	-	-	-	-	-	-	-
3.3) Training Equipment	-	0.247	-	-	-	-	-	-	-	-	-	-
3.4) Support Equipment	-	0.105	-	-	-	-	-	-	-	-	-	-
3.5) ILS	-	1.123	-	0.078	-	0.048	-	0.134	-	-	-	0.134
3.6) Other Support	-	7.748	-	1.423	-	0.947	-	1.470	-	-	-	1.470

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0577 - Common Avionics Changes	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Aircrew Wireless Internal Communications System (AWICS) (OSIP 09-04) - 9

Models of Systems Affected: All A/C as directed by OPNAV	Type Modification: Common Avionics Modification	Related RDT&E PEs:
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
3.7) Interim Contractor Support	-	0.000	-	-	-	-	-	-	-	-	-	-
Total Support Cost		9.407		1.501		0.995		1.630		0.000		1.630
Procurement Cost (Procurement + Support)		18.147		2.505		1.960		2.221		0.000		2.221
Total Installation Cost		2.695		0.228		0.150		0.359		0.000		0.359
Total Cost (Procurement + Support + Installation)		20.842		2.733		2.110		2.580		0.000		2.580

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
Aircrew Wireless Internal Communications System (AWICS) (OSIP 09-04)												
A Kits												
Recurring												
1.1.1) AWICS Kit - NonOrganic ⁽⁶⁾	58	0.152	152	0.480	127	0.409	14	0.046	714	4.299	1,547	7.130
Subtotal Recurring		0.152		0.480		0.409		0.046		4.299		7.130
NonRecurring												
1.2.1) Installation Kits N/R - Organic	-	-	-	-	-	0.025	-	-	-	-	-	0.226
Subtotal NonRecurring		0.000		0.000		0.025		0.000		0.000		0.226
B Kits												
Recurring												
2.1.1) AWICS Equip - NonOrganic ⁽⁷⁾	58	1.087	186	10.032	127	6.275	14	0.519	703	24.447	1,649	49.043
Subtotal Recurring		1.087		10.032		6.275		0.519		24.447		49.043
NonRecurring												
2.2.1) Installation Equipment N/R - Organic	-	-	-	-	-	-	-	-	-	-	-	2.672
Subtotal NonRecurring		0.000		0.000		0.000		0.000		0.000		2.672
Total, Aircrew Wireless Internal Communications System (AWICS) (OSIP 09-04)	116	1.239	338	10.512	254	6.709	28	0.565	1,417	28.746	3,196	59.071

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0577 - Common Avionics Changes	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Aircrew Wireless Internal Communications System (AWICS) (OSIP 09-04) - 9

Models of Systems Affected: All A/C as directed by OPNAV	Type Modification: Common Avionics Modification	Related RDT&E PEs:
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
<i>Total, All Modifications</i>		1.239		10.512		6.709		0.565		28.746		59.071
Support												
3.1) Data	-	-	-	-	-	-	-	-	-	-	-	0.210
3.2) Engineering Change Orders	-	-	-	-	-	-	-	-	-	-	-	-
3.3) Training Equipment	-	-	-	-	-	-	-	-	-	-	-	0.247
3.4) Support Equipment	-	-	-	-	-	-	-	-	-	-	-	0.105
3.5) ILS	-	0.048	-	0.048	-	0.375	-	0.495	-	0.789	-	3.138
3.6) Other Support	-	1.631	-	1.793	-	1.770	-	2.022	-	4.742	-	23.546
3.7) Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	-
Total Support Cost		1.679		1.841		2.145		2.517		5.531		27.246
Procurement Cost (Procurement + Support)		2.918		12.353		8.854		3.082		34.277		86.317
Total Installation Cost		0.731		2.057		1.649		0.186		7.475		15.530
Total Cost (Procurement + Support + Installation)		3.649		14.410		10.503		3.268		41.752		101.847

Remarks:
 (6)** FY08 retrofits unencrypted maintenance trainers to type 1 applique (encrypted) maintenance trainers.
 ** CH-46 Program Office providing 10 B-Kits.
 (7)34 HH-60H is only a B-Kit; no A-Kit associated

Manufacturer Information: Aircrew Wireless Internal Communications System (AWICS) (OSIP 09-04)							
Manufacturer Name: Telephonics Corp				Manufacturer Location: Farmingdale, NY			
Administrative Leadtime (in Months): 2				Production Leadtime (in Months): 3			
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates	Nov 2010	Nov 2011	Nov 2012	Nov 2013			
Delivery Dates	Feb 2011	Feb 2012	Feb 2013	Feb 2014			

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0577 - Common Avionics Changes	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Aircrew Wireless Internal Communications System (AWICS) (OSIP 09-04) - 9
Models of Systems Affected: All A/C as directed by OPNAV	Type Modification: Common Avionics Modification	Related RDT&E PEs:

Installation: Aircrew Wireless Internal Communications System (AWICS) (OSIP 09-04)	Method of Implementation: Contractor or USN Field Modification Team	Installation Name: A-Kit Installation Schedule
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	419	2.695	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	19	0.228	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	15	0.150	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	29	0.359	0	0.000	29	0.359
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	419	2.695	19	0.228	15	0.150	29	0.359	0	0.000	29	0.359

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	419	2.695
FY 2011	-	-	-	-	-	-	-	-	-	-	19	0.228
FY 2012	-	-	-	-	-	-	-	-	-	-	15	0.150
FY 2013	-	-	-	-	-	-	-	-	-	-	29	0.359
FY 2014	58	0.731	-	-	-	-	-	-	-	-	58	0.731
FY 2015	-	-	186	2.057	-	-	-	-	-	-	186	2.057
FY 2016	-	-	-	-	127	1.649	-	-	-	-	127	1.649
FY 2017	-	-	-	-	-	-	14	0.186	-	-	14	0.186
To Complete	-	-	-	-	-	-	-	-	714	7.475	714	7.475
Total	58	0.731	186	2.057	127	1.649	14	0.186	714	7.475	1,581	15.530

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0577 - Common Avionics Changes	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Aircrew Wireless Internal Communications System (AWICS) (OSIP 09-04) - 9

Models of Systems Affected: All A/C as directed by OPNAV	Type Modification: Common Avionics Modification	Related RDT&E PEs:
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Installation: Aircrew Wireless Internal Communications System (AWICS) (OSIP 09-04)	Method of Implementation: Contractor or USN Field Modification Team	Installation Name: A-Kit Installation Schedule
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Installation Schedule																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	419	-	6	6	7	-	5	5	5	-	9	10	10	-	19	19	20	-	61	62	63	-	42	42	43	-	4	5	5	714	1,581
Out	419	-	6	6	7	-	5	5	5	-	9	10	10	-	19	19	20	-	61	62	63	-	42	42	43	-	4	5	5	714	1,581

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0577 - Common Avionics Changes	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Avionics Component Improvement Program (AvCIP) (OSIP 11-09) - 10

Models of Systems Affected: All Aircraft as directed by OPNAV	Type Modification: Common Avionics Modification	Related RDT&E PEs:
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	3.963	1.996	2.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.959
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	3.963	1.996	2.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.959
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	3.963	1.996	2.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.959

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

Avionics Component Improvement Program (AVCIP) provides resources to address critical readiness, reliability deficiencies, obsolescence, demonstrations, loss of sustainability, and top Fleet repair cost drivers in naval avionics systems. In the year prior to execution, candidate projects from all T/M/S are collected, reviewed, competed and selected based upon proposal solution maturity and executability, mission criticality and urgency, degree of readiness impact or Fleet maintenance or repair cost burden, return on investment, and Fleet advocacy. AvCIP is considered a better business practice to address cost-wise readiness in support of NAE efficiency objectives. AvCIP is funded by both RDT&EN and APN accounts to cover non-recurring engineering for design/development or re-design/modification, demonstrations, integration testing, prototype/lab asset development, qualification testing and engineering and logistics documentation and support services. APN funds will cover NRE to insert modern technology to address poor performance or obsolescence, and support project procurements, as required. Follow-on procurement tails will be coordinated with Program Offices and their OSIPs, as required.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: AvCIP project selection criteria includes proposed solution maturity and executability. Target project length to start of fielding of the solution is 12-18 months. Procurements below are representative of initial project lab asset purchases for qualification and productionization validation. Units may be transferred to Fleet platforms as operational assets. Future year specific development profiles/milestones will be dependent upon projects competed and selected. Multiple projects may be selected each year.

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0577 - Common Avionics Changes	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Avionics Component Improvement Program (AvCIP) (OSIP 11-09) - 10

Models of Systems Affected: All Aircraft as directed by OPNAV	Type Modification: Common Avionics Modification	Related RDT&E PEs:
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
Avionics Component Improvement Program (AvCIP) (OSIP 11-09)												
B Kits												
NonRecurring												
2.2.1) Installation Equipment N/R - Organic ⁽⁸⁾	-	1.478	-	1.586	-	1.086	-	-	-	-	-	-
<i>Subtotal NonRecurring</i>		1.478		1.586		1.086		0.000		0.000		0.000
<i>Total, Avionics Component Improvement Program (AvCIP) (OSIP 11-09)</i>	-	1.478	-	1.586	-	1.086	-	-	-	-	-	-
<i>Total, All Modifications</i>		1.478		1.586		1.086		0.000		0.000		0.000
Support												
3.1) Engineering Change Orders	-	0.000	-	-	-	-	-	-	-	-	-	-
3.2) Data	-	0.187	-	-	-	-	-	-	-	-	-	-
3.3) ILS	-	0.453	-	0.060	-	0.380	-	-	-	-	-	-
3.4) Training Equipment	-	0.000	-	-	-	-	-	-	-	-	-	-
3.5) Support Equipment	-	0.000	-	-	-	-	-	-	-	-	-	-
3.6) Other Support	-	1.845	-	0.350	-	0.534	-	-	-	-	-	-
3.7) Interim Contractor Support	-	0.000	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		2.485		0.410		0.914		0.000		0.000		0.000
<i>Procurement Cost (Procurement + Support)</i>		3.963		1.996		2.000		0.000		0.000		0.000
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		3.963		1.996		2.000		0.000		0.000		0.000

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
Avionics Component Improvement Program (AvCIP) (OSIP 11-09)												
B Kits												

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0577 - Common Avionics Changes	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Avionics Component Improvement Program (AvCIP) (OSIP 11-09) - 10

Models of Systems Affected: All Aircraft as directed by OPNAV	Type Modification: Common Avionics Modification	Related RDT&E PEs:
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
NonRecurring												
2.2.1) Installation Equipment N/R - Organic ⁽⁸⁾	-	-	-	-	-	-	-	-	-	-	-	4.150
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		4.150
<i>Total, Avionics Component Improvement Program (AvCIP) (OSIP 11-09)</i>	-	-	-	-	-	-	-	-	-	-	-	4.150
<i>Total, All Modifications</i>		0.000		0.000		0.000		0.000		0.000		4.150
Support												
3.1) Engineering Change Orders	-	-	-	-	-	-	-	-	-	-	-	-
3.2) Data	-	-	-	-	-	-	-	-	-	-	-	0.187
3.3) ILS	-	-	-	-	-	-	-	-	-	-	-	0.893
3.4) Training Equipment	-	-	-	-	-	-	-	-	-	-	-	-
3.5) Support Equipment	-	-	-	-	-	-	-	-	-	-	-	-
3.6) Other Support	-	-	-	-	-	-	-	-	-	-	-	2.729
3.7) Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		0.000		0.000		0.000		0.000		0.000		3.809
<i>Procurement Cost (Procurement + Support)</i>		0.000		0.000		0.000		0.000		0.000		7.959
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		0.000		0.000		0.000		0.000		0.000		7.959

Remarks:
^{(8)**} BLIs containing the B-Kit/equipment modification funding to date are as follows: 054400 E-2 Series, 051400 AV-8 Series, 05300 SH-60 Series, 051100 EA-6 Series, 056600 C-2A(R) Series Modifications, 052500 F-18 Series Modification, and 057700 Common Avionics.

Manufacturer Information: Avionics Component Improvement Program (AvCIP) (OSIP 11-09)							
Manufacturer Name: Manufacturer Name Not Provided.			Manufacturer Location: Manufacturer Location Not Provided.				
Administrative Leadtime (in Months):			Production Leadtime (in Months):				
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates							
Delivery Dates							

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0577 - Common Avionics Changes	Modification Nomenclature <i>(Modification Title, Modification Number):</i> Avionics Component Improvement Program (AvCIP) (OSIP 11-09) - 10
Models of Systems Affected: All Aircraft as directed by OPNAV	Type Modification: Common Avionics Modification	Related RDT&E PEs:
Installation: Avionics Component Improvement Program (AvCIP) (OSIP 11-09)	Method of Implementation: No Quantities Associated with Install	Installation Quantity: 0

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0577 - Common Avionics Changes	Modification Nomenclature <i>(Modification Title, Modification Number):</i> COTS (Commercial Off the Shelf) Safety Systems (OSIP 020-10) - 11

Models of Systems Affected: All Aircraft as directed by OPNAV	Type Modification: Common Avionics Modification	Related RDT&E PEs:
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	3.426	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.426
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	3.426	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.426
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	3.426	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.426

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

COTS Safety Systems (COTS) Safety Systems program rapidly procures off the shelf safety enhancements to Naval aircraft to enhance aircrew and aircraft survivability.

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0577 - Common Avionics Changes	Modification Nomenclature (<i>Modification Title, Modification Number</i>): COTS (Commercial Off the Shelf) Safety Systems (OSIP 020-10) - 11

Models of Systems Affected: All Aircraft as directed by OPNAV	Type Modification: Common Avionics Modification	Related RDT&E PEs:
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
COTS (Commercial Off the Shelf) Safety Systems (OSIP 020-10)												
B Kits												
Recurring												
2.1.1) COTS Safety Systems - Organic	670	3.342	-	-	-	-	-	-	-	-	-	-
<i>Subtotal Recurring</i>		3.342		0.000		0.000		0.000		0.000		0.000
<i>Total, COTS (Commercial Off the Shelf) Safety Systems (OSIP 020-10)</i>	670	3.342	-	-	-	-	-	-	-	-	-	-
<i>Total, All Modifications</i>		3.342		0.000		0.000		0.000		0.000		0.000
Support												
3.1) Engineering Change Orders	-	0.000	-	-	-	-	-	-	-	-	-	-
3.2) Data	-	0.000	-	-	-	-	-	-	-	-	-	-
3.3) ILS	-	0.000	-	-	-	-	-	-	-	-	-	-
3.4) Training Equipment	-	0.026	-	-	-	-	-	-	-	-	-	-
3.5) Support Equipment	-	0.000	-	-	-	-	-	-	-	-	-	-
3.6) Other Support	-	0.058	-	-	-	-	-	-	-	-	-	-
3.7) Interim Contractor Support	-	0.000	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		0.084		0.000		0.000		0.000		0.000		0.000
<i>Procurement Cost (Procurement + Support)</i>		3.426		0.000		0.000		0.000		0.000		0.000
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		3.426		0.000		0.000		0.000		0.000		0.000

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
COTS (Commercial Off the Shelf) Safety Systems (OSIP 020-10)												
B Kits												
Recurring												

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0577 - Common Avionics Changes	Modification Nomenclature (<i>Modification Title, Modification Number</i>): COTS (Commercial Off the Shelf) Safety Systems (OSIP 020-10) - 11

Models of Systems Affected: All Aircraft as directed by OPNAV	Type Modification: Common Avionics Modification	Related RDT&E PEs:
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
2.1.1) COTS Safety Systems - Organic	-	-	-	-	-	-	-	-	-	-	670	3.342
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		3.342
<i>Total, COTS (Commercial Off the Shelf) Safety Systems (OSIP 020-10)</i>	-	-	-	-	-	-	-	-	-	-	670	3.342
<i>Total, All Modifications</i>		0.000		0.000		0.000		0.000		0.000		3.342
Support												
3.1) Engineering Change Orders	-	-	-	-	-	-	-	-	-	-	-	-
3.2) Data	-	-	-	-	-	-	-	-	-	-	-	-
3.3) ILS	-	-	-	-	-	-	-	-	-	-	-	-
3.4) Training Equipment	-	-	-	-	-	-	-	-	-	-	-	0.026
3.5) Support Equipment	-	-	-	-	-	-	-	-	-	-	-	-
3.6) Other Support	-	-	-	-	-	-	-	-	-	-	-	0.058
3.7) Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		0.000		0.000		0.000		0.000		0.000		0.084
<i>Procurement Cost (Procurement + Support)</i>		0.000		0.000		0.000		0.000		0.000		3.426
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		0.000		0.000		0.000		0.000		0.000		3.426

Remarks:

Manufacturer Information: COTS (Commercial Off the Shelf) Safety Systems (OSIP 020-10)

Manufacturer Name: Manufacturer Name Not Provided. Manufacturer Location: Manufacturer Location Not Provided.

Administrative Leadtime (in Months): Production Leadtime (in Months):

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates							
Delivery Dates							

Installation: COTS (Commercial Off the Shelf) Safety Systems (OSIP 020-10)	Method of Implementation: Not Installed - COTS Safety Systems	Installation Quantity: 670
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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0577 - Common Avionics Changes	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Blue Force Situational Awareness (OSIP 10-11) - 12

Models of Systems Affected: All Aircraft as directed by OPNAV	Type Modification: Common Avionics Modification	Related RDT&E PEs:
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	0.000	14.100	11.467	18.850	0.570	19.420	0.000	0.000	0.000	0.000	0.000	44.987
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	0.000	14.100	11.467	18.850	0.570	19.420	0.000	0.000	0.000	0.000	0.000	44.987
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	0.000	14.100	11.467	18.850	0.570	19.420	0.000	0.000	0.000	0.000	0.000	44.987

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

Blue Force Situational Awareness employs techniques to actively or passively identify and track US, allied, or coalition forces for the purpose of providing the decision-maker enhanced battlespace situational awareness and reducing fratricide. The program, led by the Army with joint participation, upgrades legacy Force XXI Battle Command Brigade and Below (FBCB2) Blue Force Tracking systems to the configuration required to meet the Joint Battle Command -Platform CDD, providing Joint, interoperable, secure, beyond line of sight, near real time, battle command networking and blue force situational awareness in the cockpit and the command centers.

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0577 - Common Avionics Changes	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Blue Force Situational Awareness (OSIP 10-11) - 12

Models of Systems Affected: All Aircraft as directed by OPNAV	Type Modification: Common Avionics Modification	Related RDT&E PEs:
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
Blue Force Situational Awareness (OSIP 10-11)												
A Kits												
Recurring												
1.1.1) BFSA Kit - NonOrganic ⁽⁹⁾	-	-	64	0.860	76	0.978	128	3.170	-	-	128	3.170
<i>Subtotal Recurring</i>		0.000		0.860		0.978		3.170		0.000		3.170
NonRecurring												
1.2.1) Installation Kits N/R - Organic	-	-	-	1.100	-	1.100	-	1.100	-	-	-	1.100
<i>Subtotal NonRecurring</i>		0.000		1.100		1.100		1.100		0.000		1.100
B Kits												
Recurring												
2.1.1) BFSA Equip - Organic	-	-	64	1.840	76	2.108	133	3.837	-	-	133	3.837
<i>Subtotal Recurring</i>		0.000		1.840		2.108		3.837		0.000		3.837
NonRecurring												
2.2.1) Installation Equipment N/R - Organic	-	-	-	-	-	2.554	-	3.583	-	-	-	3.583
<i>Subtotal NonRecurring</i>		0.000		0.000		2.554		3.583		0.000		3.583
<i>Total, Blue Force Situational Awareness (OSIP 10-11)</i>	-	-	128	3.800	152	6.740	261	11.690	-	-	261	11.690
<i>Total, All Modifications</i>		0.000		3.800		6.740		11.690		0.000		11.690
Support												
3.1) Engineering Change Orders	-	-	-	0.100	-	-	-	-	-	-	-	-
3.2) Data	-	0.000	-	-	-	-	-	-	-	-	-	-
3.3) ILS	-	-	-	1.250	-	0.344	-	0.400	-	-	-	0.400
3.4) Training Equipment	-	0.000	-	-	-	-	-	-	-	-	-	-
3.5) Support Equipment	-	0.000	-	-	-	-	-	-	-	-	-	-
3.6) Other Support	-	-	-	7.210	-	2.303	-	3.080	-	0.570	-	3.650
3.7) Interim Contractor Support	-	0.000	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		0.000		8.560		2.647		3.480		0.570		4.050

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0577 - Common Avionics Changes	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Blue Force Situational Awareness (OSIP 10-11) - 12

Models of Systems Affected: All Aircraft as directed by OPNAV	Type Modification: Common Avionics Modification	Related RDT&E PEs:
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
<i>Procurement Cost (Procurement + Support)</i>		0.000		12.360		9.387		15.170		0.570		15.740
<i>Total Installation Cost</i>		0.000		1.740		2.080		3.680		0.000		3.680
Total Cost (Procurement + Support + Installation)		0.000		14.100		11.467		18.850		0.570		19.420

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
Blue Force Situational Awareness (OSIP 10-11)												
A Kits												
Recurring												
1.1.1) BFSA Kit - NonOrganic ⁽⁹⁾	-	-	-	-	-	-	-	-	-	-	268	5.008
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		5.008
NonRecurring												
1.2.1) Installation Kits N/R - Organic	-	-	-	-	-	-	-	-	-	-	-	3.300
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		3.300
B Kits												
Recurring												
2.1.1) BFSA Equip - Organic	-	-	-	-	-	-	-	-	-	-	273	7.785
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		7.785
NonRecurring												
2.2.1) Installation Equipment N/R - Organic	-	-	-	-	-	-	-	-	-	-	-	6.137
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		6.137
<i>Total, Blue Force Situational Awareness (OSIP 10-11)</i>	-	-	-	-	-	-	-	-	-	-	541	22.230
<i>Total, All Modifications</i>		0.000		0.000		0.000		0.000		0.000		22.230
Support												
3.1) Engineering Change Orders	-	-	-	-	-	-	-	-	-	-	-	0.100

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0577 - Common Avionics Changes	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Blue Force Situational Awareness (OSIP 10-11) - 12

Models of Systems Affected: All Aircraft as directed by OPNAV	Type Modification: Common Avionics Modification	Related RDT&E PEs:
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
3.2) Data	-	-	-	-	-	-	-	-	-	-	-	-
3.3) ILS	-	-	-	-	-	-	-	-	-	-	-	1.994
3.4) Training Equipment	-	-	-	-	-	-	-	-	-	-	-	-
3.5) Support Equipment	-	-	-	-	-	-	-	-	-	-	-	-
3.6) Other Support	-	-	-	-	-	-	-	-	-	-	-	13.163
3.7) Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	-
Total Support Cost		0.000		0.000		0.000		0.000		0.000		15.257
Procurement Cost (Procurement + Support)		0.000		0.000		0.000		0.000		0.000		37.487
Total Installation Cost		0.000		0.000		0.000		0.000		0.000		7.500
Total Cost (Procurement + Support + Installation)		0.000		0.000		0.000		0.000		0.000		44.987

Remarks:

- (9)** FY11 OCO Request submitted for 64 kits/installs. Install 40 in FY11 and 24 in FY12.
- ** FY12 OCO Request submitted for 76 kits/installs. Install 48 in FY12 and 28 in FY13.
- ** FY13 Request submitted for 128 kits/installs. Install 70 in FY13 and 58 in FY14.
- ** 5 MV-22B TOC Kits are not installed on aircraft.

Manufacturer Information: Blue Force Situational Awareness (OSIP 10-11)

Manufacturer Name: Various				Manufacturer Location: Various			
Administrative Leadtime (in Months): 2				Production Leadtime (in Months): 6			
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates	Nov 2010	Nov 2011	Nov 2012				
Delivery Dates	May 2011	May 2012	May 2013				

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0577 - Common Avionics Changes	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Blue Force Situational Awareness (OSIP 10-11) - 12
Models of Systems Affected: All Aircraft as directed by OPNAV	Type Modification: Common Avionics Modification	Related RDT&E PEs:

Installation: Blue Force Situational Awareness (OSIP 10-11)	Method of Implementation: Contractor or USN Field Modification Team	Installation Name: BFSa Kit
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	40	1.740	24	0.000	-	-	-	-	-	-
FY 2012	-	-	-	-	48	2.080	0	0.000	28	0.000	28	0.000
FY 2013	-	-	-	-	-	-	70	3.680	0	0.000	70	3.680
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	40	1.740	72	2.080	70	3.680	28	0.000	98	3.680

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	64	1.740
FY 2012	-	-	-	-	-	-	-	-	-	-	76	2.080
FY 2013	58	0.000	-	-	-	-	-	-	-	-	128	3.680
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	58	0.000	-	-	-	-	-	-	-	-	268	7.500

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0577 - Common Avionics Changes	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Blue Force Situational Awareness (OSIP 10-11) - 12

Models of Systems Affected: All Aircraft as directed by OPNAV	Type Modification: Common Avionics Modification	Related RDT&E PEs:
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Installation: Blue Force Situational Awareness (OSIP 10-11)	Method of Implementation: Contractor or USN Field Modification Team	Installation Name: BFSA Kit
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Installation Schedule																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	12	28	22	2	12	36	26	2	19	51	34	15	9	-	-	-	-	-	-	-	-	-	-	-	-	268		
Out	-	-	-	12	28	22	2	12	36	26	2	19	51	34	15	9	-	-	-	-	-	-	-	-	-	-	-	-	268		

Installation: Blue Force Situational Awareness (OSIP 10-11)	Method of Implementation: Not Installed - BFSA Equip	Installation Quantity: 273
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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0577 - Common Avionics Changes	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Military Flight Operations Quality Assurance (MFOQA) (OSIP 011-12) - 13

Models of Systems Affected: All Aircraft as directed by OPNAV	Type Modification: Common Avionics Modification	Related RDT&E PEs: 0604215N
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	0.000	0.000	0.910	1.480	0.000	1.480	26.350	13.751	11.360	23.280	343.970	421.101
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	0.000	0.000	0.910	1.480	0.000	1.480	26.350	13.751	11.360	23.280	343.970	421.101
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	0.000	0.000	0.910	1.480	0.000	1.480	26.350	13.751	11.360	23.280	343.970	421.101

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

MFOQA improves safety, readiness and asset conservation by assessing aircrew and aircraft performance; improving maintenance, operations, safety and training across all Naval Aviation platforms as identified and prioritized by OPNAV. Efforts will include site activations, license procurements and procuring hardware, as required, to capture aircraft parametric data and data downloading capability and to allow for the processing & analysis required by the MFOQA program. Efforts will also include hardware & software upgrades to the various Squadrons' ground/work stations to enable MFOQA implementation. The MFOQA program is directed by an OSD mandate October 2005 and a SECNAV mandate February 06.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: Analysis of Alternatives (AoA) approved Sep 05; Capability Development Document (CDD) approved Jan 06
 Milestone B 1st Qtr FY07, Milestone C 3rd Qtr FY12, IOC C 3rd Qtr FY12
 Modifying baseline MFOQA software (90% reuse, 10% tailored to specific platform) for each follow-on platform. Software will be integrated on existing MFOQA servers.

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Exhibit P-3A, Individual Modification: PB 2013 Navy								Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0577 - Common Avionics Changes				Modification Nomenclature (<i>Modification Title, Modification Number</i>): Military Flight Operations Quality Assurance (MFOQA) (OSIP 011-12) - 13					
Models of Systems Affected: All Aircraft as directed by OPNAV				Type Modification: Common Avionics Modification				Related RDT&E PEs: 0604215N					
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
Military Flight Operations Quality Assurance (MFOQA) (OSIP 011-12)													
B Kits													
Recurring													
2.1.1) MFOQA Installation Equipment - NonOrganic ⁽¹⁰⁾													
	-	-	-	-	10	0.425	16	0.654	-	-	16	0.654	
<i>Subtotal Recurring</i>		0.000		0.000		0.425		0.654		0.000		0.654	
NonRecurring													
2.2.1) B-Kit Installation Equipment N/R - Organic													
	-	-	-	-	-	-	-	-	-	-	-	-	
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		0.000	
<i>Total, Military Flight Operations Quality Assurance (MFOQA) (OSIP 011-12)</i>													
	-	-	-	-	10	0.425	16	0.654	-	-	16	0.654	
<i>Total, All Modifications</i>		0.000		0.000		0.425		0.654		0.000		0.654	
Support													
3.1) Engineering Change Orders													
	-	-	-	-	-	0.057	-	-	-	-	-	-	
3.2) Data													
	-	-	-	-	-	-	-	-	-	-	-	-	
3.3) ILS													
	-	-	-	-	-	-	-	0.156	-	-	-	0.156	
3.4) Training Equipment													
	-	0.000	-	-	-	-	-	-	-	-	-	-	
3.5) Support Equipment													
	-	0.000	-	-	-	-	-	-	-	-	-	-	
3.6) Other Support													
	-	-	-	-	-	0.066	-	0.385	-	-	-	0.385	
3.7) Interim Contractor Support													
	-	0.000	-	-	-	-	-	-	-	-	-	-	
<i>Total Support Cost</i>		0.000		0.000		0.123		0.541		0.000		0.541	
<i>Procurement Cost (Procurement + Support)</i>		0.000		0.000		0.548		1.195		0.000		1.195	
<i>Total Installation Cost</i>		0.000		0.000		0.362		0.285		0.000		0.285	
Total Cost (Procurement + Support + Installation)		0.000		0.000		0.910		1.480		0.000		1.480	

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0577 - Common Avionics Changes	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Military Flight Operations Quality Assurance (MFOQA) (OSIP 011-12) - 13
Models of Systems Affected: All Aircraft as directed by OPNAV	Type Modification: Common Avionics Modification	Related RDT&E PEs: 0604215N

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
Military Flight Operations Quality Assurance (MFOQA) (OSIP 011-12)												
B Kits												
Recurring												
2.1.1) MFOQA Installation Equipment - NonOrganic ⁽¹⁰⁾	63	1.845	68	2.275	29	1.868	25	1.153	210	9.925	421	18.145
<i>Subtotal Recurring</i>		1.845		2.275		1.868		1.153		9.925		18.145
NonRecurring												
2.2.1) B-Kit Installation Equipment N/R - Organic	-	19.373	-	2.414	-	1.621	-	12.800	-	136.973	-	173.181
<i>Subtotal NonRecurring</i>		19.373		2.414		1.621		12.800		136.973		173.181
<i>Total, Military Flight Operations Quality Assurance (MFOQA) (OSIP 011-12)</i>	63	21.218	68	4.689	29	3.489	25	13.953	210	146.898	421	191.326
<i>Total, All Modifications</i>		21.218		4.689		3.489		13.953		146.898		191.326
Support												
3.1) Engineering Change Orders	-	0.237	-	1.138	-	0.774	-	0.927	-	23.527	-	26.660
3.2) Data	-	-	-	0.066	-	-	-	0.069	-	0.992	-	1.127
3.3) ILS	-	0.459	-	1.570	-	1.596	-	1.612	-	40.061	-	45.454
3.4) Training Equipment	-	-	-	-	-	-	-	-	-	-	-	-
3.5) Support Equipment	-	-	-	-	-	-	-	-	-	-	-	-
3.6) Other Support	-	3.411	-	5.296	-	4.794	-	5.597	-	123.653	-	143.202
3.7) Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		4.107		8.070		7.164		8.205		188.233		216.443
<i>Procurement Cost (Procurement + Support)</i>		25.325		12.759		10.653		22.158		335.131		407.769
<i>Total Installation Cost</i>		1.025		0.992		0.707		1.122		8.839		13.332
Total Cost (Procurement + Support + Installation)		26.350		13.751		11.360		23.280		343.970		421.101

Remarks:
^{(10)**} B-kits and install cost vary across platforms and site activations.

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0577 - Common Avionics Changes	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Military Flight Operations Quality Assurance (MFOQA) (OSIP 011-12) - 13

Models of Systems Affected: All Aircraft as directed by OPNAV	Type Modification: Common Avionics Modification	Related RDT&E PEs: 0604215N
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Manufacturer Information: Military Flight Operations Quality Assurance (MFOQA) (OSIP 011-12)

Manufacturer Name: Oracle (DOD ESI)	Manufacturer Location: TBD
Administrative Leadtime (<i>in Months</i>): 2	Production Leadtime (<i>in Months</i>): 0

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates		Jun 2011	Dec 2012	Dec 2013			
Delivery Dates		Jun 2011	Dec 2012	Dec 2013			

Installation: Military Flight Operations Quality Assurance (MFOQA) (OSIP 011-12)	Method of Implementation: Prime Integrator	Installation Name: MFOQA Installation Equipment
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	10	0.362	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	16	0.285	0	0.000	16	0.285
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	10	0.362	16	0.285	0	0.000	16	0.285

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	10	0.362
FY 2013	-	-	-	-	-	-	-	-	-	-	16	0.285

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0577 - Common Avionics Changes	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Military Flight Operations Quality Assurance (MFOQA) (OSIP 011-12) - 13
Models of Systems Affected: All Aircraft as directed by OPNAV	Type Modification: Common Avionics Modification	Related RDT&E PEs: 0604215N

Installation: Military Flight Operations Quality Assurance (MFOQA) (OSIP 011-12)	Method of Implementation: Prime Integrator	Installation Name: MFOQA Installation Equipment
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Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
FY 2014	63	1.025	-	-	-	-	-	-	-	-	63	1.025
FY 2015	-	-	68	0.992	-	-	-	-	-	-	68	0.992
FY 2016	-	-	-	-	29	0.707	-	-	-	-	29	0.707
FY 2017	-	-	-	-	-	-	25	1.122	-	-	25	1.122
To Complete	-	-	-	-	-	-	-	-	210	8.839	210	8.839
Total	63	1.025	68	0.992	29	0.707	25	1.122	210	8.839	421	13.332

Installation Schedule																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	-	-	-	4	6	4	4	4	4	10	17	18	18	12	18	19	19	7	7	7	8	6	6	6	7	210	421
Out	-	-	-	-	-	-	-	4	6	4	4	4	4	10	17	18	18	12	18	19	19	7	7	7	8	6	6	6	7	210	421

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0577 - Common Avionics Changes	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Advance Digital Data Set (ADDS) (OSIP 001-15) - 14

Models of Systems Affected: All Aircraft as directed by OPNAV	Type Modification: Common Avionics Modification	Related RDT&E PEs:
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.000	29.203	35.600	185.431	252.234
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.000	29.203	35.600	185.431	252.234
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.000	29.203	35.600	185.431	252.234

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The Advance Digital Data Set (ADDS) consists of enabling hardware and software solutions for an advanced digital data military operating environment including removable memory, secure data management and storage, high speed data transfer, recording (including mission, sensor, audio, and video), crash survivability, maintenance diagnostics as well as mission and safety application processing and protection. It is a system of systems approach that includes the test, integration, production, and modification of hardware and software to provide advanced digital data management, storage and processing capability. ADDS will increase mission effectiveness and survivability by providing improved situation awareness, reduced crew workload, and enhanced capability for navigation, targeting, collision avoidance, and mission planning.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES:

Milestone B 3rd Qtr FY12
Milestone C 1st Qtr FY15

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0577 - Common Avionics Changes	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Advance Digital Data Set (ADDS) (OSIP 001-15) - 14

Models of Systems Affected: All Aircraft as directed by OPNAV	Type Modification: Common Avionics Modification	Related RDT&E PEs:
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
Advance Digital Data Set (ADDS) (OSIP 001-15)												
A Kits												
Recurring												
1.1.1) ADDS Installation Kits - NonOrganic	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		0.000
B Kits												
Recurring												
2.1.1) ADDS Installation Equipment - Organic	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		0.000
NonRecurring												
2.2.1) Installation Equipment N/R - Organic	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		0.000
<i>Total, Advance Digital Data Set (ADDS) (OSIP 001-15)</i>	-	-	-	-	-	-	-	-	-	-	-	-
<i>Total, All Modifications</i>		0.000		0.000		0.000		0.000		0.000		0.000
Support												
3.1) Engineering Change Orders	-	-	-	-	-	-	-	-	-	-	-	-
3.2) Data	-	-	-	-	-	-	-	-	-	-	-	-
3.3) Training Equipment	-	-	-	-	-	-	-	-	-	-	-	-
3.4) Support Equipment	-	-	-	-	-	-	-	-	-	-	-	-
3.5) ILS	-	-	-	-	-	-	-	-	-	-	-	-
3.6) Other Support	-	-	-	-	-	-	-	-	-	-	-	-
3.7) Interim Contractor Support	-	0.000	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
<i>Procurement Cost (Procurement + Support)</i>		0.000		0.000		0.000		0.000		0.000		0.000
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		0.000		0.000		0.000		0.000		0.000		0.000

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0577 - Common Avionics Changes	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Advance Digital Data Set (ADDS) (OSIP 001-15) - 14

Models of Systems Affected: All Aircraft as directed by OPNAV	Type Modification: Common Avionics Modification	Related RDT&E PEs:
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
Advance Digital Data Set (ADDS) (OSIP 001-15)												
A Kits												
Recurring												
1.1.1) ADDS Installation Kits - NonOrganic	-	-	4	0.160	125	7.000	100	6.300	347	18.457	576	31.917
<i>Subtotal Recurring</i>		0.000		0.160		7.000		6.300		18.457		31.917
B Kits												
Recurring												
2.1.1) ADDS Installation Equipment - Organic	-	-	4	1.840	125	11.500	100	10.500	347	65.436	576	89.276
<i>Subtotal Recurring</i>		0.000		1.840		11.500		10.500		65.436		89.276
NonRecurring												
2.2.1) Installation Equipment N/R - Organic	-	-	-	-	-	-	-	0.897	-	10.764	-	11.661
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.897		10.764		11.661
<i>Total, Advance Digital Data Set (ADDS) (OSIP 001-15)</i>	-	-	8	2.000	250	18.500	200	17.697	694	94.657	1,152	132.854
<i>Total, All Modifications</i>		0.000		2.000		18.500		17.697		94.657		132.854
Support												
3.1) Engineering Change Orders	-	-	-	-	-	0.800	-	0.800	-	14.575	-	16.175
3.2) Data	-	-	-	-	-	0.778	-	0.800	-	3.690	-	5.268
3.3) Training Equipment	-	-	-	-	-	0.700	-	1.500	-	2.500	-	4.700
3.4) Support Equipment	-	-	-	-	-	2.400	-	3.000	-	4.555	-	9.955
3.5) ILS	-	-	-	-	-	1.338	-	2.505	-	12.300	-	16.143
3.6) Other Support	-	-	-	-	-	4.207	-	7.408	-	42.144	-	53.759
3.7) Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		0.000		0.000		10.223		16.013		79.764		106.000
<i>Procurement Cost (Procurement + Support)</i>		0.000		2.000		28.723		33.710		174.421		238.854
<i>Total Installation Cost</i>		0.000		0.000		0.480		1.890		11.010		13.380
Total Cost (Procurement + Support + Installation)		0.000		2.000		29.203		35.600		185.431		252.234

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0577 - Common Avionics Changes	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Advance Digital Data Set (ADDS) (OSIP 001-15) - 14

Models of Systems Affected: All Aircraft as directed by OPNAV	Type Modification: Common Avionics Modification	Related RDT&E PEs:
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Remarks:
Manufacturer Information: Advance Digital Data Set (ADDS) (OSIP 001-15)

Manufacturer Name: TBD	Manufacturer Location: TBD
Administrative Leadtime (<i>in Months</i>): 3	Production Leadtime (<i>in Months</i>): 12

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates					Jan 2015	Jan 2016	Jan 2017
Delivery Dates					Jan 2016	Jan 2017	Jan 2018

Installation: Advance Digital Data Set (ADDS) (OSIP 001-15) **Method of Implementation:** Prime Contractor **Installation Name:** ADDS Installation Kits

Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	-	-

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0577 - Common Avionics Changes
Models of Systems Affected: All Aircraft as directed by OPNAV		Type Modification: Common Avionics Modification
Related RDT&E PEs:		

Installation: Advance Digital Data Set (ADDS) (OSIP 001-15)	Method of Implementation: Prime Contractor	Installation Name: ADDS Installation Kits
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Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	3	0.480	1	0.000	-	-	4	0.480
FY 2016	-	-	-	-	-	-	94	1.890	31	0.000	125	1.890
FY 2017	-	-	-	-	-	-	-	-	100	2.500	100	2.500
To Complete	-	-	-	-	-	-	-	-	347	8.510	347	8.510
Total	-	-	-	-	3	0.480	95	1.890	478	11.010	576	13.380

Installation Schedule																														
APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	1	31	31	32	478	576
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	1	31	31	32	478	576

Installation: Advance Digital Data Set (ADDS) (OSIP 001-15)	Method of Implementation: Not Installed - ADDS Installation Equipment	Installation Quantity: 576
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Exhibit P-3A, Individual Modification: PB 2013 Navy							Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0577 - Common Avionics Changes				Modification Nomenclature (<i>Modification Title, Modification Number</i>): Inactive OSIPs - 15				

Models of Systems Affected: [No Model Specified] **Type Modification:** [No Modification Type Specified] **Related RDT&E PEs:**

Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	243.220	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	243.220
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	243.220	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	243.220
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	243.220	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	243.220

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

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Exhibit P-3A, Individual Modification: PB 2013 Navy										Date: February 2012				
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1					P-1 Line Item Nomenclature: 0577 - Common Avionics Changes					Modification Nomenclature (<i>Modification Title, Modification Number</i>): Inactive OSIPs - 15				
Models of Systems Affected: [No Model Specified]			Type Modification: [No Modification Type Specified]					Related RDT&E PEs:						
Financial Plan			Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
			Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement														
[Missing Data - No Procurement Cost Elements Entered Yet]														
B Kits														
Recurring														
[Missing Data - No Procurement Cost Elements Entered Yet]			-	-	0	0.000	-	-	-	-	-	-	-	-
<i>Subtotal Recurring</i>				0.000		0.000		0.000		0.000		0.000		0.000
<i>Total, [Missing Data - No Procurement Cost Elements Entered Yet]</i>			-	-	0	0.000	-	-	-	-	-	-	-	-
<i>Total, All Modifications</i>				0.000		0.000		0.000		0.000		0.000		0.000
Support														
3.1) Inactive OSIPs			-	243.220	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>				243.220		0.000		0.000		0.000		0.000		0.000
<i>Procurement Cost (Procurement + Support)</i>				243.220		0.000		0.000		0.000		0.000		0.000
<i>Total Installation Cost</i>				0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)				243.220		0.000		0.000		0.000		0.000		0.000
Financial Plan			FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
			Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement														
[Missing Data - No Procurement Cost Elements Entered Yet]														
B Kits														
Recurring														
[Missing Data - No Procurement Cost Elements Entered Yet]			-	-	-	-	-	-	-	-	-	-	0	0.000
<i>Subtotal Recurring</i>				0.000		0.000		0.000		0.000		0.000		0.000
<i>Total, [Missing Data - No Procurement Cost Elements Entered Yet]</i>			-	-	-	-	-	-	-	-	-	-	0	0.000
<i>Total, All Modifications</i>				0.000		0.000		0.000		0.000		0.000		0.000
Support														
3.1) Inactive OSIPs			-	-	-	-	-	-	-	-	-	-	-	243.220
<i>Total Support Cost</i>				0.000		0.000		0.000		0.000		0.000		243.220

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0577 - Common Avionics Changes	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Inactive OSIPs - 15

Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs:
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
<i>Procurement Cost (Procurement + Support)</i>		0.000		0.000		0.000		0.000		0.000		243.220
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		0.000		0.000		0.000		0.000		0.000		243.220

Remarks:

Manufacturer Information: [Missing Data - No Procurement Cost Elements Entered Yet]

Manufacturer Name: [Missing Data - No Procurement Cost Elements Entered Yet]	Manufacturer Location: [Missing Data - No Procurement Cost Elements Entered Yet]
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Administrative Leadtime (in Months):	Production Leadtime (in Months):
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Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates							
Delivery Dates							

Installation: [Missing Data - No Procurement Cost Elements Entered Yet]	Method of Implementation: [Missing Data - No Procurement Cost Elements Entered Yet]	Installation Quantity: 0
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UNCLASSIFIED

Exhibit P-40, Budget Item Justification Sheet: PB 2013 Navy **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 1506N : Aircraft Procurement, Navy / BA 5 : Modification of Aircraft / BSA 1 : Modification Of Aircraft	P-1 Line Item Nomenclature: 0581 - Common Defensive Weapon System
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ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	54.465	10.500	3.300	-	-	-	-	-	-	-	3.500	71.765
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	54.465	10.500	3.300	-	-	-	-	-	-	-	3.500	71.765
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	54.465	10.500	3.300	-	-	-	-	-	-	-	3.500	71.765

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The Common Defensive Weapon System (CDWS) consists of a GAU-21 .50 cal machine gun, common cradle, ammo box, feed/link chutes and either a right-hand or a left-hand Medium Window Pintle Connector and a Defensive Armament System (DAS) for UH-1Y, and a ramp mounted weapon system (RMWS) for MV-22. The CDWS for UH-1Y and MV-22 is being procured to replace the current WWII era GAU-16/XM-218 .50 cal machine guns. The GAU-16/XM-218 machine guns can no longer be procured, and the gun depot is experiencing a 29% rejection rate. Based on current usage rates and depot maintenance rejection rates, the inventory of GAU-16/XM-218 guns will be below requirement in 7 years. There will also be a substantial increase in maintenance funding required to sustain the inventory of usable guns. The CDWS will give the Fleet enhanced reliability, safety and increased operational effectiveness. CDWS enhances the warfighters overall capability by providing a safer, more reliable and accurate weapon system with a higher rate of fire.

Crew Served Weapons (CSW) Laser provides a common laser solution to the fleet and establishes the program of record for the system. CSW provides laser aiming devices for crew served weapons being used in Operation Iraqi Freedom (OIF) and Operation Enduring Freedom (OEF). There are currently five different types of lasers manufactured by three vendors. This funding will allow the standardization of all DON Crew Served Weapons lasers through attrition and replacement.

Medium Caliber Guns System modifies hardware to enhance system reliability and safety to support continued Overseas Contingency Operations (OCO) commitments. This requirement will prevent degradation of the gun system enabling the warfighter to accomplish their tasks safely and accurately.

FY 2011 OCO funding procured 40 UH-1Y installation kits and 1,731 laser aiming devices.

FY 2012 OCO funding will be used to procure 160 laser aiming devices and improve 20 current medium caliber gun systems.

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Exhibit P-40, Budget Item Justification Sheet: PB 2013 Navy **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity:
 1506N : Aircraft Procurement, Navy / BA 5 : Modification of Aircraft / BSA 1 :
 Modification Of Aircraft

P-1 Line Item Nomenclature:
 0581 - Common Defensive Weapon System

ID Code (A=Service Ready, B=Not Service Ready) : A **Program Elements for Code B Items:** **Other Related Program Elements:**

Item Schedule		ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
COMMON DEFENSE WEAPON SYSTEM (OSIP 003-06) - 1	P3A		-	-	52.129	-	-	3.500	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000
CREW SERVED WEAPONS LASER (OSIP 019-10) - 2	P3A		-	-	1.000	-	-	7.000	-	-	3.000	-	-	0.000	-	-	0.000	-	-	0.000
MEDIUM CALIBER GUN SYSTEMS (OSIP 033-12) - 3	P3A		-	-	0.000	-	-	0.000	-	-	0.300	-	-	0.000	-	-	0.000	-	-	0.000
INACTIVE OSIP - 4	P3A		-	-	1.300	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000
DAWDF REALIGNMENT - 5	P3A		-	-	0.036	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000
Total Gross/Weapon System Cost					54.465			10.500			3.300			-			-			-

Item Nomenclature*	Exhibits	ID CD	FY 2014			FY 2015			FY 2016			FY 2017			To Complete			Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
COMMON DEFENSE WEAPON SYSTEM (OSIP 003-06) - 1	P3A		-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	2.000	-	-	57.629
CREW SERVED WEAPONS LASER (OSIP 019-10) - 2	P3A		-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	11.000
MEDIUM CALIBER GUN SYSTEMS (OSIP 033-12) - 3	P3A		-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	1.500	-	-	1.800
INACTIVE OSIP - 4	P3A		-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	1.300
DAWDF REALIGNMENT - 5	P3A		-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.036
Total Gross/Weapon System Cost					-			-			-			-			3.500			71.765

*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.

Justification:

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0581 - Common Defensive Weapon System	Modification Nomenclature (<i>Modification Title, Modification Number</i>): COMMON DEFENSE WEAPON SYSTEM (OSIP 003-06) - 1

Models of Systems Affected: CH-53D/E, CH-46, UH-1Y, MV-22	Type Modification: MISSION/MISSION ENHANCEMENT	Related RDT&E PEs:
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	52.129	3.500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.000	57.629
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	52.129	3.500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.000	57.629
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	52.129	3.500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.000	57.629

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

DESCRIPTION/JUSTIFICATION: The CDWS consists of a GAU-21 .50 cal machine gun, common cradle, ammo box, feed/link chutes and either a right-hand or a left-hand Medium Window Pintle Connector and Defensive Armament System (DAS) for UH-1Y, and a ramp mounted weapon system (RMWS) for MV-22. The CDWS for the UH-1Y and MV-22 is being procured to replace the current WWII era GAU-16/XM-218 .50 cal machine gun. The GAU-16/XM-218 machine gun can no longer be procured, and the gun depot is experiencing a 29% rejection rate. Based on current usage rates and depot maintenance rejection rates, the inventory of GAU-16/XM-218 guns will be below requirement in 7 years. There will also be a substantial increase in maintenance funding required to sustain the inventory of usable guns. The CDWS will give the Fleet enhanced reliability, safety, and increased operational effectiveness.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: The GAU-21 .50 Caliber Machine Gun is a Commercial Off-the-Shelf (COTS) item deployed on Marine Corps assault support aircraft (CH-46, CH-53 and UH-1Y). The Medium Pintle Head and aircraft integration kit base designs are also COTS though kit modifications for each T/M/S aircraft are required. CDWS is also being integrated on USN platform MH-60R/S through their own budget lines, thus enhancing the common configurations between USN and USMC.

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0581 - Common Defensive Weapon System	Modification Nomenclature (<i>Modification Title, Modification Number</i>): COMMON DEFENSE WEAPON SYSTEM (OSIP 003-06) - 1

Models of Systems Affected: CH-53D/E, CH-46, UH-1Y, MV-22	Type Modification: MISSION/MISSION ENHANCEMENT	Related RDT&E PEs:
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
COMMON DEFENSE WEAPON SYSTEM (OSIP 003-06)												
A Kits												
Recurring												
1.1.1) CH-46E - Organic	100	6.500	-	-	-	-	-	-	-	-	-	-
1.1.2) CH-53D/E - Organic	399	19.700	-	-	-	-	-	-	-	-	-	-
1.1.4) UH-1Y - Organic	181	13.800	40	3.200	-	-	-	-	-	-	-	-
<i>Subtotal Recurring</i>		40.000		3.200		0.000		0.000		0.000		0.000
B Kits												
Recurring												
2.1.1) CH-53D/E - Organic	399	6.000	-	-	-	-	-	-	-	-	-	-
<i>Subtotal Recurring</i>		6.000		0.000		0.000		0.000		0.000		0.000
<i>Total, COMMON DEFENSE WEAPON SYSTEM (OSIP 003-06)</i>	1,079	46.000	40	3.200	-	-	-	-	80	0.000	80	0.000
<i>Total, All Modifications</i>		46.000		3.200		0.000		0.000		0.000		0.000
Support												
3.1) Data	-	0.400	-	-	-	-	-	-	-	-	-	-
3.2) Support Equipment	-	1.700	-	-	-	-	-	-	-	-	-	-
3.3) ILS	-	2.000	-	-	-	-	-	-	-	-	-	-
3.4) Other Support	-	2.029	-	0.300	-	-	-	-	-	-	-	-
3.5) Interim Contractor Support	-	0.000	-	-	-	-	-	-	-	-	-	-
3.6) ECO	-	0.000	-	-	-	-	-	-	-	-	-	-
3.7) Training Equipment	-	0.000	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		6.129		0.300		0.000		0.000		0.000		0.000
<i>Procurement Cost (Procurement + Support)</i>		52.129		3.500		0.000		0.000		0.000		0.000
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		52.129		3.500		0.000		0.000		0.000		0.000

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0581 - Common Defensive Weapon System	Modification Nomenclature (<i>Modification Title, Modification Number</i>): COMMON DEFENSE WEAPON SYSTEM (OSIP 003-06) - 1

Models of Systems Affected: CH-53D/E, CH-46, UH-1Y, MV-22	Type Modification: MISSION/MISSION ENHANCEMENT	Related RDT&E PEs:
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
COMMON DEFENSE WEAPON SYSTEM (OSIP 003-06)												
A Kits												
Recurring												
1.1.1) CH-46E - Organic	-	-	-	-	-	-	-	-	-	-	100	6.500
1.1.2) CH-53D/E - Organic	-	-	-	-	-	-	-	-	-	-	399	19.700
1.1.4) UH-1Y - Organic	-	-	-	-	-	-	-	-	25	1.700	246	18.700
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		1.700		44.900
B Kits												
Recurring												
2.1.1) CH-53D/E - Organic	-	-	-	-	-	-	-	-	-	-	399	6.000
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		6.000
<i>Total, COMMON DEFENSE WEAPON SYSTEM (OSIP 003-06)</i>	-	-	-	-	-	-	-	-	25	1.700	1,224	50.900
<i>Total, All Modifications</i>		0.000		0.000		0.000		0.000		1.700		50.900
Support												
3.1) Data	-	-	-	-	-	-	-	-	-	-	-	0.400
3.2) Support Equipment	-	-	-	-	-	-	-	-	-	-	-	1.700
3.3) ILS	-	-	-	-	-	-	-	-	-	0.300	-	2.300
3.4) Other Support	-	-	-	-	-	-	-	-	-	-	-	2.329
3.5) Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	-
3.6) ECO	-	-	-	-	-	-	-	-	-	-	-	-
3.7) Training Equipment	-	-	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		0.000		0.000		0.000		0.000		0.300		6.729
<i>Procurement Cost (Procurement + Support)</i>		0.000		0.000		0.000		0.000		2.000		57.629
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		0.000		0.000		0.000		0.000		2.000		57.629

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Exhibit P-3A, Individual Modification: PB 2013 Navy						Date: February 2012	
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1			P-1 Line Item Nomenclature: 0581 - Common Defensive Weapon System			Modification Nomenclature (<i>Modification Title, Modification Number</i>): COMMON DEFENSE WEAPON SYSTEM (OSIP 003-06) - 1	
Models of Systems Affected: CH-53D/E, CH-46, UH-1Y, MV-22			Type Modification: MISSION/MISSION ENHANCEMENT			Related RDT&E PEs:	
Remarks:							
Manufacturer Information: COMMON DEFENSE WEAPON SYSTEM (OSIP 003-06)							
Manufacturer Name: Manufacturer Name Not Provided.				Manufacturer Location: Manufacturer Location Not Provided.			
Administrative Leadtime (<i>in Months</i>):				Production Leadtime (<i>in Months</i>):			
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates							
Delivery Dates							
Installation: COMMON DEFENSE WEAPON SYSTEM (OSIP 003-06)							
Method of Implementation: Organic - CH-46E			Installation Quantity: 100				
Installation: COMMON DEFENSE WEAPON SYSTEM (OSIP 003-06)							
Method of Implementation: Organic - CH-53D/E			Installation Quantity: 399				
Installation: COMMON DEFENSE WEAPON SYSTEM (OSIP 003-06)							
Method of Implementation: Organic - MV-22			Installation Quantity: 80				
Installation: COMMON DEFENSE WEAPON SYSTEM (OSIP 003-06)							
Method of Implementation: Organic - UH-1Y			Installation Quantity: 246				
Installation: COMMON DEFENSE WEAPON SYSTEM (OSIP 003-06)							
Method of Implementation: Organic - CH-53D/E			Installation Quantity: 399				

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0581 - Common Defensive Weapon System	Modification Nomenclature (<i>Modification Title, Modification Number</i>): CREW SERVED WEAPONS LASER (OSIP 019-10) - 2

Models of Systems Affected: CH-53D/E, CH-46, UH-1Y, MV-22, AH-1W/Z	Type Modification: MISSION/MISSION ENHANCEMENT	Related RDT&E PEs:
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	1.000	7.000	3.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	11.000
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	1.000	7.000	3.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	11.000
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	1.000	7.000	3.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	11.000

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

DESCRIPTION/JUSTIFICATION: Provides laser aiming devices for crew served weapons being used in OIF and OEF. There are currently five different types of lasers manufactured by three vendors. This funding will allow the standardization of all DON CSW lasers through attrition and replacement as assets are expended.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: Laser Aiming Devices are COTS items already deployed on Marine Corps assault support aircraft (CH-46, CH-53, and UH-1Y, MV-22, AH-1W/Z). Lasers will support this functionality to improve performance in a night environment while using night vision goggles.

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0581 - Common Defensive Weapon System	Modification Nomenclature (<i>Modification Title, Modification Number</i>): CREW SERVED WEAPONS LASER (OSIP 019-10) - 2

Models of Systems Affected: CH-53D/E, CH-46, UH-1Y, MV-22, AH-1W/Z	Type Modification: MISSION/MISSION ENHANCEMENT	Related RDT&E PEs:
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
[Missing Data - No Procurement Cost Elements Entered Yet]												
B Kits												
Recurring												
[Missing Data - No Procurement Cost Elements Entered Yet]	-	-	0	0.000	-	-	-	-	-	-	-	-
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		0.000
<i>Total, [Missing Data - No Procurement Cost Elements Entered Yet]</i>	-	-	0	0.000	-	-	-	-	-	-	-	-
<i>Total, All Modifications</i>		0.000		0.000		0.000		0.000		0.000		0.000
Support												
3.1) Training Equipment	-	-	-	-	-	0.500	-	-	-	-	-	-
3.2) B Kits- Support Equipment	-	0.000	-	-	-	-	-	-	-	-	-	-
3.3) IZLID 200P	186	0.700	1,629	6.000	-	-	-	-	-	-	-	-
3.4) IZLID 1000PW	-	-	-	-	160	0.900	-	-	-	-	-	-
3.5) IZLID 1000PW Power Supply	-	-	102	0.600	-	-	-	-	-	-	-	-
3.6) Universal Boresight Kit	445	0.300	-	-	-	-	-	-	-	-	-	-
3.7) ILS	-	-	-	0.400	-	0.800	-	-	-	-	-	-
3.8) OTHER SUPPORT	-	-	-	-	-	0.800	-	-	-	-	-	-
3.9) ECO	-	0.000	-	-	-	-	-	-	-	-	-	-
3.10) Interim Contractor Support	-	0.000	-	-	-	-	-	-	-	-	-	-
3.11) Data	-	0.000	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		1.000		7.000		3.000		0.000		0.000		0.000
<i>Procurement Cost (Procurement + Support)</i>		1.000		7.000		3.000		0.000		0.000		0.000
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		1.000		7.000		3.000		0.000		0.000		0.000

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0581 - Common Defensive Weapon System	Modification Nomenclature (<i>Modification Title, Modification Number</i>): CREW SERVED WEAPONS LASER (OSIP 019-10) - 2

Models of Systems Affected: CH-53D/E, CH-46, UH-1Y, MV-22, AH-1W/Z	Type Modification: MISSION/MISSION ENHANCEMENT	Related RDT&E PEs:
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
[Missing Data - No Procurement Cost Elements Entered Yet]												
B Kits												
Recurring												
[Missing Data - No Procurement Cost Elements Entered Yet]	-	-	-	-	-	-	-	-	-	-	0	0.000
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		0.000
<i>Total, [Missing Data - No Procurement Cost Elements Entered Yet]</i>	-	-	-	-	-	-	-	-	-	-	0	0.000
<i>Total, All Modifications</i>		0.000		0.000		0.000		0.000		0.000		0.000
Support												
3.1) Training Equipment	-	-	-	-	-	-	-	-	-	-	-	0.500
3.2) B Kits- Support Equipment	-	-	-	-	-	-	-	-	-	-	-	-
3.3) IZLID 200P	-	-	-	-	-	-	-	-	-	-	1,815	6.700
3.4) IZLID 1000PW	-	-	-	-	-	-	-	-	-	-	160	0.900
3.5) IZLID 1000PW Power Supply	-	-	-	-	-	-	-	-	-	-	102	0.600
3.6) Universal Boresight Kit	-	-	-	-	-	-	-	-	-	-	445	0.300
3.7) ILS	-	-	-	-	-	-	-	-	-	-	-	1.200
3.8) OTHER SUPPORT	-	-	-	-	-	-	-	-	-	-	-	0.800
3.9) ECO	-	-	-	-	-	-	-	-	-	-	-	-
3.10) Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	-
3.11) Data	-	-	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		0.000		0.000		0.000		0.000		0.000		11.000
<i>Procurement Cost (Procurement + Support)</i>		0.000		0.000		0.000		0.000		0.000		11.000
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		0.000		0.000		0.000		0.000		0.000		11.000

Remarks:

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy					Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1			P-1 Line Item Nomenclature: 0581 - Common Defensive Weapon System			Modification Nomenclature (<i>Modification Title, Modification Number</i>): CREW SERVED WEAPONS LASER (OSIP 019-10) - 2		
Models of Systems Affected: CH-53D/E, CH-46, UH-1Y, MV-22, AH-1W/Z			Type Modification: MISSION/MISSION ENHANCEMENT			Related RDT&E PEs:		
Manufacturer Information: [Missing Data - No Procurement Cost Elements Entered Yet]								
Manufacturer Name: [Missing Data - No Procurement Cost Elements Entered Yet]				Manufacturer Location: [Missing Data - No Procurement Cost Elements Entered Yet]				
Administrative Leadtime (<i>in Months</i>):				Production Leadtime (<i>in Months</i>):				
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	
Contract Dates								
Delivery Dates								
Installation: [Missing Data - No Procurement Cost Elements Entered Yet]								
Method of Implementation: [Missing Data - No Procurement Cost Elements Entered Yet]				Installation Quantity: 0				

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0581 - Common Defensive Weapon System	Modification Nomenclature (<i>Modification Title, Modification Number</i>): MEDIUM CALIBER GUN SYSTEMS (OSIP 033-12) - 3

Models of Systems Affected: AH-1W/Z	Type Modification: MISSION/MISSION ENHANCEMENT	Related RDT&E PEs:
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	0.000	0.000	0.300	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.500	1.800
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	0.000	0.000	0.300	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.500	1.800
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	0.000	0.000	0.300	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.500	1.800

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

DESCRIPTION/JUSTIFICATION: Increased usage of medium caliber gun systems in OEF has caused significant increases in component failure and reduced reliability and life cycle which was not previously budgeted. Replacement feeders are required to improve the service life and reliability of fielded systems. This requirement will prevent degradation of the gun system enabling the warfighter to fight safely and accurately.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: The M197 Medium Caliber Gun and M89E1 Feeder are both post Full Operational Capability (FOC). The replacement feeder being looked at is currently FOC for the Italian Air Force.

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0581 - Common Defensive Weapon System	Modification Nomenclature (<i>Modification Title, Modification Number</i>): MEDIUM CALIBER GUN SYSTEMS (OSIP 033-12) - 3

Models of Systems Affected: AH-1W/Z	Type Modification: MISSION/MISSION ENHANCEMENT	Related RDT&E PEs:
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
MEDIUM CALIBER GUN SYSTEMS (OSIP 033-12)												
A Kits												
Recurring												
1.1.1) AH-1W/Z - Organic	-	-	-	-	20	0.300	-	-	-	-	-	-
<i>Subtotal Recurring</i>		0.000		0.000		0.300		0.000		0.000		0.000
<i>Total, MEDIUM CALIBER GUN SYSTEMS (OSIP 033-12)</i>	-	-	-	-	20	0.300	-	-	-	-	-	-
<i>Total, All Modifications</i>		0.000		0.000		0.300		0.000		0.000		0.000
Support												
3.1) ECO	-	0.000	-	-	-	-	-	-	-	-	-	-
3.2) Data	-	0.000	-	-	-	-	-	-	-	-	-	-
3.3) Training Equipment	-	0.000	-	-	-	-	-	-	-	-	-	-
3.4) Support Equipment	-	0.000	-	-	-	-	-	-	-	-	-	-
3.5) ILS	-	0.000	-	-	-	-	-	-	-	-	-	-
3.6) Other Support	-	0.000	-	-	-	-	-	-	-	-	-	-
3.7) Interim Contractor Support	-	0.000	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
<i>Procurement Cost (Procurement + Support)</i>		0.000		0.000		0.300		0.000		0.000		0.000
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		0.000		0.000		0.300		0.000		0.000		0.000

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
MEDIUM CALIBER GUN SYSTEMS (OSIP 033-12)												
A Kits												
Recurring												

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0581 - Common Defensive Weapon System	Modification Nomenclature (<i>Modification Title, Modification Number</i>): MEDIUM CALIBER GUN SYSTEMS (OSIP 033-12) - 3

Models of Systems Affected: AH-1W/Z	Type Modification: MISSION/MISSION ENHANCEMENT	Related RDT&E PEs:
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
1.1.1) AH-1W/Z - Organic	-	-	-	-	-	-	-	-	80	1.500	100	1.800
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		1.500		1.800
<i>Total, MEDIUM CALIBER GUN SYSTEMS (OSIP 033-12)</i>	-	-	-	-	-	-	-	-	80	1.500	100	1.800
<i>Total, All Modifications</i>		0.000		0.000		0.000		0.000		1.500		1.800
Support												
3.1) ECO	-	-	-	-	-	-	-	-	-	-	-	-
3.2) Data	-	-	-	-	-	-	-	-	-	-	-	-
3.3) Training Equipment	-	-	-	-	-	-	-	-	-	-	-	-
3.4) Support Equipment	-	-	-	-	-	-	-	-	-	-	-	-
3.5) ILS	-	-	-	-	-	-	-	-	-	-	-	-
3.6) Other Support	-	-	-	-	-	-	-	-	-	-	-	-
3.7) Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
<i>Procurement Cost (Procurement + Support)</i>		0.000		0.000		0.000		0.000		1.500		1.800
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		0.000		0.000		0.000		0.000		1.500		1.800

Remarks:

Manufacturer Information: MEDIUM CALIBER GUN SYSTEMS (OSIP 033-12)

Manufacturer Name: Manufacturer Name Not Provided. Manufacturer Location: Manufacturer Location Not Provided.

Administrative Leadtime (in Months): Production Leadtime (in Months):

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates							
Delivery Dates							

Installation: MEDIUM CALIBER GUN SYSTEMS (OSIP 033-12) **Method of Implementation:** Organic - AH-1W/Z **Installation Quantity:** 100

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy							Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1			P-1 Line Item Nomenclature: 0581 - Common Defensive Weapon System				Modification Nomenclature (<i>Modification Title, Modification Number</i>): INACTIVE OSIP - 4					

Models of Systems Affected: [No Model Specified] **Type Modification:** [No Modification Type Specified] **Related RDT&E PEs:**

Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	1.300	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.300
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	1.300	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.300
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	1.300	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.300

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0581 - Common Defensive Weapon System	Modification Nomenclature (<i>Modification Title, Modification Number</i>): INACTIVE OSIP - 4

Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs:
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
INACTIVE OSIP												
B Kits												
NonRecurring												
1.1.1) Inactive OSIP - Organic	-	1.300	-	-	-	-	-	-	-	-	-	-
<i>Subtotal NonRecurring</i>		1.300		0.000		0.000		0.000		0.000		0.000
<i>Total, INACTIVE OSIP</i>	-	1.300	-	-	-	-	-	-	-	-	-	-
<i>Total, All Modifications</i>		1.300		0.000		0.000		0.000		0.000		0.000
<i>Procurement Cost (Procurement + Support)</i>		1.300		0.000		0.000		0.000		0.000		0.000
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		1.300		0.000		0.000		0.000		0.000		0.000

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
INACTIVE OSIP												
B Kits												
NonRecurring												
1.1.1) Inactive OSIP - Organic	-	-	-	-	-	-	-	-	-	-	-	1.300
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		1.300
<i>Total, INACTIVE OSIP</i>	-	-	-	-	-	-	-	-	-	-	-	1.300
<i>Total, All Modifications</i>		0.000		0.000		0.000		0.000		0.000		1.300
<i>Procurement Cost (Procurement + Support)</i>		0.000		0.000		0.000		0.000		0.000		1.300
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		0.000		0.000		0.000		0.000		0.000		1.300

Remarks:

Manufacturer Information: INACTIVE OSIP	
Manufacturer Name: Manufacturer Name Not Provided.	Manufacturer Location: Manufacturer Location Not Provided.

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy						Date: February 2012	
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1			P-1 Line Item Nomenclature: 0581 - Common Defensive Weapon System			Modification Nomenclature (<i>Modification Title, Modification Number</i>): INACTIVE OSIP - 4	
Models of Systems Affected: [No Model Specified]		Type Modification: [No Modification Type Specified]			Related RDT&E PEs:		
Manufacturer Information: INACTIVE OSIP							
Administrative Leadtime (<i>in Months</i>):				Production Leadtime (<i>in Months</i>):			
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates							
Delivery Dates							
Installation: INACTIVE OSIP							
Method of Implementation: No Quantities Associated with Install				Installation Quantity: 0			

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy							Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1			P-1 Line Item Nomenclature: 0581 - Common Defensive Weapon System				Modification Nomenclature (<i>Modification Title, Modification Number</i>): DAWDF REALIGNMENT - 5					

Models of Systems Affected: [No Model Specified] **Type Modification:** [No Modification Type Specified] **Related RDT&E PEs:**

Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	0.036	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.036
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	0.036	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.036
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	0.036	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.036

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0581 - Common Defensive Weapon System	Modification Nomenclature (<i>Modification Title, Modification Number</i>): DAWDF REALIGNMENT - 5

Models of Systems Affected: [No Model Specified]	Type Modification: [No Modification Type Specified]	Related RDT&E PEs:
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
DAWDF REALIGNMENT												
B Kits												
NonRecurring												
1.1.1) DAWDF Realignment - Organic	-	0.036	-	-	-	-	-	-	-	-	-	-
<i>Subtotal NonRecurring</i>		0.036		0.000		0.000		0.000		0.000		0.000
<i>Total, DAWDF REALIGNMENT</i>	-	0.036	-	-	-	-	-	-	-	-	-	-
<i>Total, All Modifications</i>		0.036		0.000		0.000		0.000		0.000		0.000
<i>Procurement Cost (Procurement + Support)</i>		0.036		0.000		0.000		0.000		0.000		0.000
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		0.036		0.000		0.000		0.000		0.000		0.000

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
DAWDF REALIGNMENT												
B Kits												
NonRecurring												
1.1.1) DAWDF Realignment - Organic	-	-	-	-	-	-	-	-	-	-	-	0.036
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		0.036
<i>Total, DAWDF REALIGNMENT</i>	-	-	-	-	-	-	-	-	-	-	-	0.036
<i>Total, All Modifications</i>		0.000		0.000		0.000		0.000		0.000		0.036
<i>Procurement Cost (Procurement + Support)</i>		0.000		0.000		0.000		0.000		0.000		0.036
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		0.000		0.000		0.000		0.000		0.000		0.036

Remarks:

Manufacturer Information: DAWDF REALIGNMENT	
Manufacturer Name: Manufacturer Name Not Provided.	Manufacturer Location: Manufacturer Location Not Provided.

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Exhibit P-3A, Individual Modification: PB 2013 Navy						Date: February 2012	
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1			P-1 Line Item Nomenclature: 0581 - Common Defensive Weapon System			Modification Nomenclature <i>(Modification Title, Modification Number):</i> DAWDF REALIGNMENT - 5	
Models of Systems Affected: [No Model Specified]		Type Modification: [No Modification Type Specified]			Related RDT&E PEs:		
Manufacturer Information: DAWDF REALIGNMENT							
Administrative Leadtime <i>(in Months):</i>				Production Leadtime <i>(in Months):</i>			
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates							
Delivery Dates							
Installation: DAWDF REALIGNMENT							
Method of Implementation: No Quantities Associated with Install			Installation Quantity: 0				

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Exhibit P-40, Budget Item Justification Sheet: PB 2013 Navy **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity:
1506N : Aircraft Procurement, Navy / BA 5 : Modification of Aircraft / BSA 1 :
Modification Of Aircraft

P-1 Line Item Nomenclature:
0582 - ID Sys

ID Code (A=Service Ready, B=Not Service Ready) : A **Program Elements for Code B Items:** **Other Related Program Elements:**

Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	67.162	20.280	32.030	39.846	-	39.846	41.957	46.992	55.528	47.239	76.007	427.041
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	67.162	20.280	32.030	39.846	-	39.846	41.957	46.992	55.528	47.239	76.007	427.041
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	67.162	20.280	32.030	39.846	-	39.846	41.957	46.992	55.528	47.239	76.007	427.041

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

MK XIIA Mode 5 provides improved secure cooperative combat identification via Identification Friend or Foe (IFF). MODE 5 is a product improvement which is designed to be installed through engineering changes to digital MK XII interrogators and transponders including, but not limited to the APX-118/123, UPX-37/41C, APX-111, and APX-119. Mode 5 is designed to be installed in all Navy T/M/S aircraft which are currently Mode 4 IFF capable. Mode 5 is developed in cooperation with NATO and is governed by STANAG 4193.

Item Schedule		ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Mark XIIA Mode 5 IFF (OSIP 15-03) - 1	P3A		-	-	67.162	-	-	20.280	-	-	32.030	-	-	39.846	-	-	0.000	-	-	39.846
Total Gross/Weapon System Cost					67.162			20.280			32.030			39.846			-			39.846
		ID CD	FY 2014			FY 2015			FY 2016			FY 2017			To Complete			Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Mark XIIA Mode 5 IFF (OSIP 15-03) - 1	P3A		-	-	41.957	-	-	46.992	-	-	55.528	-	-	47.239	-	-	76.007	-	-	427.041
Total Gross/Weapon System Cost					41.957			46.992			55.528			47.239			76.007			427.041

*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.

Justification:

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0582 - ID Sys	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Mark XIIA Mode 5 IFF (OSIP 15-03) - 1
Models of Systems Affected: Various (49 Separate T/ M/S)	Type Modification: Capability Improvement	Related RDT&E PEs: 0604777N

Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	67.162	20.280	32.030	39.846	0.000	39.846	41.957	46.992	55.528	47.239	76.007	427.041
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	67.162	20.280	32.030	39.846	0.000	39.846	41.957	46.992	55.528	47.239	76.007	427.041
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	67.162	20.280	32.030	39.846	0.000	39.846	41.957	46.992	55.528	47.239	76.007	427.041

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

DESCRIPTION/JUSTIFICATION: MK XIIA Mode 5 provides improved secure cooperative combat identification via Identification Friend or Foe (IFF). Mode 5 upgrades existing Mode 4 IFF equipment, including cryptography, support equipment, and associated hardware and software changes. Mode 5 is designed to be installed through engineering changes to digital MK XII interrogators and transponders including, but not limited to the APX-118/123, UPX-37/41C, APX-111, and APX-119. Mode 5 is designed to be installed in all Navy T/M/S aircraft which are currently Mode 4 IFF capable. Mode 5 is developed in cooperation with NATO and is governed by STANAG 4193. (ORD # 577-06-01).

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: MODE 5 completed a brassboard development in December 1997. Modeling and simulation to demonstrate interoperability was completed in February of 1998 to support NATO STANAG development. Proof of concept flight testing completed in December 1999. A Preliminary Design Review (PDR) for the proposed Engineering Change Proposal (ECP) to incorporate MODE 5 in the APX-118 was completed in July 2001. Contracts for prototype Cryptographic Module and ECP kit are presently executed. Milestone B was completed in 3QFY03. Operational Assessment (OA) completed 2QFY06. Milestone C and Low Rate Initial procurement (LRIP) was approved in July 2006. In March 2007, Joint Requirements Oversight Council Memorandum (JROCM 047-07) endorsed a Mode 5 Joint Initial Operational Capability (IOC) in FY14 and Joint Full Operational Capability (FOC) in 2020. A Program Deviation Report was submitted in July 2009 reporting a schedule breach to the Operational Evaluation (OPEVAL) and IOC due to joint asset participation and on-going resolution of DT deficiencies. The IOT&E is replanned for FY2011. Additional DT events occurred in FY10 that addressed system-of-system OA deficiencies. Full Rate Production (FRP) is scheduled for 2QFY12.

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0582 - ID Sys
Models of Systems Affected: Various (49 Separate T/M/S)		Type Modification: Capability Improvement
Related RDT&E PEs: 0604777N		
Modification Nomenclature (Modification Title, Modification Number): Mark XIIA Mode 5 IFF (OSIP 15-03) - 1		

Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
Mark XIIA Mode 5 IFF (OSIP 15-03)												
A Kits												
Recurring												
1.1.1) Mode 5 IFF - NonOrganic ⁽¹⁾	4	0.036	2	0.010	75	1.040	70	0.986	-	-	70	0.986
<i>Subtotal Recurring</i>		0.036		0.010		1.040		0.986		0.000		0.986
B Kits												
Recurring												
2.1.1) Mode 5 IFF - NonOrganic	370	14.996	9	1.344	199	7.157	211	11.467	-	-	211	11.467
<i>Subtotal Recurring</i>		14.996		1.344		7.157		11.467		0.000		11.467
NonRecurring												
2.2.1) Installation Equipment N/R - Organic	-	22.873	-	8.727	-	10.994	-	10.295	-	-	-	10.295
<i>Subtotal NonRecurring</i>		22.873		8.727		10.994		10.295		0.000		10.295
<i>Total, Mark XIIA Mode 5 IFF (OSIP 15-03)</i>	374	37.905	11	10.081	274	19.191	281	22.748	-	-	281	22.748
<i>Total, All Modifications</i>		37.905		10.081		19.191		22.748		0.000		22.748
Support												
3.1) Mode 5 IFF Kit ECO	-	0.303	-	0.421	-	0.598	-	0.942	-	-	-	0.942
3.2) Data	-	0.398	-	0.423	-	0.343	-	0.375	-	-	-	0.375
3.3) Training Equipment	-	0.660	-	0.385	-	1.548	-	0.921	-	-	-	0.921
3.4) Support Equipment	-	11.277	-	1.751	-	2.665	-	3.660	-	-	-	3.660
3.5) ILS	-	2.065	-	1.005	-	1.603	-	1.914	-	-	-	1.914
3.6) Other Support	-	14.367	-	6.101	-	5.739	-	8.115	-	-	-	8.115
3.7) Interim Contractor Support	-	0.000	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		29.070		10.086		12.496		15.927		0.000		15.927
<i>Procurement Cost (Procurement + Support)</i>		66.975		20.167		31.687		38.675		0.000		38.675
<i>Total Installation Cost</i>		0.187		0.113		0.343		1.171		0.000		1.171
Total Cost (Procurement + Support + Installation)		67.162		20.280		32.030		39.846		0.000		39.846

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0582 - ID Sys	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Mark XIIA Mode 5 IFF (OSIP 15-03) - 1
Models of Systems Affected: Various (49 Separate T/M/S)	Type Modification: Capability Improvement	Related RDT&E PEs: 0604777N

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
Mark XIIA Mode 5 IFF (OSIP 15-03)												
A Kits												
Recurring												
1.1.1) Mode 5 IFF - NonOrganic ⁽¹⁾	68	0.940	52	0.641	41	0.405	31	0.290	106	2.543	449	6.891
<i>Subtotal Recurring</i>		<i>0.940</i>		<i>0.641</i>		<i>0.405</i>		<i>0.290</i>		<i>2.543</i>		<i>6.891</i>
B Kits												
Recurring												
2.1.1) Mode 5 IFF - NonOrganic	215	14.113	224	14.786	286	23.816	218	20.122	434	41.087	2,166	148.888
<i>Subtotal Recurring</i>		<i>14.113</i>		<i>14.786</i>		<i>23.816</i>		<i>20.122</i>		<i>41.087</i>		<i>148.888</i>
NonRecurring												
2.2.1) Installation Equipment N/R - Organic	-	10.591	-	13.171	-	11.710	-	10.512	-	1.587	-	100.460
<i>Subtotal NonRecurring</i>		<i>10.591</i>		<i>13.171</i>		<i>11.710</i>		<i>10.512</i>		<i>1.587</i>		<i>100.460</i>
<i>Total, Mark XIIA Mode 5 IFF (OSIP 15-03)</i>	<i>283</i>	<i>25.644</i>	<i>276</i>	<i>28.598</i>	<i>327</i>	<i>35.931</i>	<i>249</i>	<i>30.924</i>	<i>540</i>	<i>45.217</i>	<i>2,615</i>	<i>256.239</i>
<i>Total, All Modifications</i>		<i>25.644</i>		<i>28.598</i>		<i>35.931</i>		<i>30.924</i>		<i>45.217</i>		<i>256.239</i>
Support												
3.1) Mode 5 IFF Kit ECO	-	0.977	-	1.059	-	1.566	-	1.311	-	2.426	-	9.603
3.2) Data	-	0.243	-	0.341	-	0.706	-	0.604	-	0.916	-	4.349
3.3) Training Equipment	-	0.568	-	1.341	-	0.515	-	2.171	-	2.339	-	10.448
3.4) Support Equipment	-	1.118	-	0.529	-	0.586	-	0.630	-	0.952	-	23.168
3.5) ILS	-	2.029	-	2.277	-	2.862	-	2.137	-	3.173	-	19.065
3.6) Other Support	-	8.730	-	10.037	-	10.099	-	7.755	-	15.197	-	86.140
3.7) Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		<i>13.665</i>		<i>15.584</i>		<i>16.334</i>		<i>14.608</i>		<i>25.003</i>		<i>152.773</i>
<i>Procurement Cost (Procurement + Support)</i>		<i>39.309</i>		<i>44.182</i>		<i>52.265</i>		<i>45.532</i>		<i>70.220</i>		<i>409.012</i>
<i>Total Installation Cost</i>		<i>2.648</i>		<i>2.810</i>		<i>3.263</i>		<i>1.707</i>		<i>5.787</i>		<i>18.029</i>
Total Cost (Procurement + Support + Installation)		41.957		46.992		55.528		47.239		76.007		427.041

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0582 - ID Sys
Models of Systems Affected: Various (49 Separate T/ M/S)		Type Modification: Capability Improvement
		Related RDT&E PEs: 0604777N

Remarks:
⁽¹⁾Mode 5 IFF "A" Kits will be required for installation on the F/A-18C/D, C-130T, C-20, C-40, E-6B, and UC-35 platforms along with the "B" kits. The other platforms will only require "B" kits. A-Kit realignment due to changes in platform schedules.

Manufacturer Information: Mark XIIA Mode 5 IFF (OSIP 15-03)

Manufacturer Name: BAE	Manufacturer Location: Greenlawn, NY
Administrative Leadtime (in Months): 3	Production Leadtime (in Months): 12

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates	Dec 2010	Dec 2011	Dec 2012	Dec 2013	Dec 2014	Dec 2015	Dec 2016
Delivery Dates	Dec 2011	Dec 2012	Dec 2013	Dec 2014	Dec 2015	Dec 2016	Dec 2017

Installation: Mark XIIA Mode 5 IFF (OSIP 15-03)	Method of Implementation: Field Installs kits and Vendor Depot ECP Install	Installation Name: Mark XIIA Mode 5 IFF
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	137	0.187	81	0.113	105	0.343	51	0.204	0	0.000	51	0.204
FY 2011	-	-	-	-	-	-	11	0.044	0	0.000	11	0.044
FY 2012	-	-	-	-	-	-	227	0.923	0	0.000	227	0.923
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	137	0.187	81	0.113	105	0.343	289	1.171	0	0.000	289	1.171

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	374	0.847
FY 2011	-	-	-	-	-	-	-	-	-	-	11	0.044
FY 2012	47	0.062	-	-	-	-	-	-	-	-	274	0.985

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0582 - ID Sys
Models of Systems Affected: Various (49 Separate T/M/S)		Type Modification: Capability Improvement
Related RDT&E PEs: 0604777N		

Installation: Mark XIIA Mode 5 IFF (OSIP 15-03)	Method of Implementation: Field Installs kits and Vendor Depot ECP Install	Installation Name: Mark XIIA Mode 5 IFF
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Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
FY 2013	215	2.586	66	0.650	-	-	-	-	-	-	281	3.236
FY 2014	-	-	219	2.160	64	0.000	-	-	-	-	283	2.160
FY 2015	-	-	-	-	163	3.263	113	0.552	-	-	276	3.815
FY 2016	-	-	-	-	-	-	203	1.155	124	0.472	327	1.627
FY 2017	-	-	-	-	-	-	-	-	249	1.120	249	1.120
To Complete	-	-	-	-	-	-	-	-	540	4.195	540	4.195
Total	262	2.648	285	2.810	227	3.263	316	1.707	913	5.787	2,615	18.029

Installation Schedule																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	137	20	20	20	21	26	26	26	27	15	70	103	101	101	54	53	54	72	72	71	70	29	45	77	76	40	92	92	92	913	2,615
Out	137	20	20	20	21	26	26	26	27	15	70	103	101	101	54	53	54	72	72	71	70	29	45	77	76	40	92	92	92	913	2,615

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Exhibit P-40, Budget Item Justification Sheet: PB 2013 Navy **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 1506N : Aircraft Procurement, Navy / BA 5 : Modification of Aircraft / BSA 1 : Modification Of Aircraft	P-1 Line Item Nomenclature: 0586 - P-8 Series
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ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	-	-	-	5.302	-	5.302	7.152	21.571	21.942	22.316	2,140.205	2,218.488
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	-	-	5.302	-	5.302	7.152	21.571	21.942	22.316	2,140.205	2,218.488
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	-	-	-	5.302	-	5.302	7.152	21.571	21.942	22.316	2,140.205	2,218.488

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The P-8A is a commercial 737 derivative that provides Broad Area Maritime and Littoral Armed Intelligence, Surveillance and Reconnaissance to support fleet requirements. The P-8A Multi-mission Maritime Aircraft (MMA) will replace the P-3 aircraft. This line item funds correction of deficiencies, modernization to the P-8 aircraft and the retrofit of future P-8A mission system/avionics as developed under P-8A sequential increment programs. Increment 2 includes upgrades to the Automatic Identification System, Multi-Static Active Coherent, and Acoustic Processor Tech Refresh. Increment 3 includes upgrades to Integrated Broadcast System, Net-Ready, Net-Enabled Weapon and Rapid Capability Insertion Upgrade. This is an FY 2013 new start.

Item Schedule		Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total			
Item Nomenclature*	Exhibits	ID CD	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
P-8A Correction of Deficiencies and Modernization (OSIP 026-12) - 1	P3A		-	-	0.000	-	-	0.000	-	-	0.000	-	-	5.302	-	-	0.000	-	-	5.302
Total Gross/Weapon System Cost					-			-			-			5.302			-			5.302

		FY 2014			FY 2015			FY 2016			FY 2017			To Complete			Total			
Item Nomenclature*	Exhibits	ID CD	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
P-8A Correction of Deficiencies and Modernization (OSIP 026-12) - 1	P3A		-	-	7.152	-	-	21.571	-	-	21.942	-	-	22.316	-	-	2,140.205	-	-	2,218.488

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0586 - P-8 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): P-8A Correction of Deficiencies and Modernization (OSIP 026-12) - 1

Models of Systems Affected: P-8A MMA	Type Modification: Mission Capabilities	Related RDT&E PEs:
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	0.000	0.000	0.000	5.302	0.000	5.302	7.152	21.571	21.942	22.316	2,140.205	2,218.488
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	0.000	0.000	0.000	5.302	0.000	5.302	7.152	21.571	21.942	22.316	2,140.205	2,218.488
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	0.000	0.000	0.000	5.302	0.000	5.302	7.152	21.571	21.942	22.316	2,140.205	2,218.488

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The P-8A is a commercial 737 derivative that provides Broad Area Maritime and Littoral Armed Intelligence, Surveillance and Reconnaissance to support fleet requirements. The P-8A Multi-mission Maritime Aircraft (MMA) will replace the P-3 aircraft. This line item funds correction of deficiencies, modernization to the P-8 aircraft and the retrofit of future P-8A mission system/avionics as developed under P-8A sequential increment programs. Increment 2 includes upgrades to the Automatic Identification System, Multi-Static Active Coherent, and Acoustic Processor Tech Refresh. Increment 3 includes upgrades to Integrated Broadcast System (IBS), Net-Ready, Net-Enabled Weapon and Rapid Capability Insertion (RCI) Upgrade.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES:

The P-8 Baseline program achieved MS-C in FY10. The Increment 3 program is scheduled to achieve MS-C in FY17.

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Exhibit P-3A, Individual Modification: PB 2013 Navy										Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1					P-1 Line Item Nomenclature: 0586 - P-8 Series					Modification Nomenclature (<i>Modification Title, Modification Number</i>): P-8A Correction of Deficiencies and Modernization (OSIP 026-12) - 1			
Models of Systems Affected: P-8A MMA				Type Modification: Mission Capabilities					Related RDT&E PEs:				
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
P-8A Correction of Deficiencies and Modernization (OSIP 026-12)													
A Kits													
Recurring													
1.1.1) Increment 2 Kit - NonOrganic													
	-	-	-	-	-	-	-	-	-	-	-	-	
1.1.2) Increment 3 IBS - NonOrganic													
	-	-	-	-	-	-	-	-	-	-	-	-	
1.1.3) Increment 3 Net-Ready - NonOrganic													
	-	-	-	-	-	-	-	-	-	-	-	-	
1.1.4) Increment 3 Net Enabled Weapon - NonOrganic													
	-	-	-	-	-	-	-	-	-	-	-	-	
1.1.5) Increment 3 RCI/ARCH Upgrade - NonOrganic													
	-	-	-	-	-	-	-	-	-	-	-	-	
<i>Subtotal Recurring</i>													
		0.000		0.000		0.000		0.000		0.000		0.000	
NonRecurring													
1.2.1) Installation Kits N/R - Organic													
	-	-	-	-	-	-	-	-	-	-	-	-	
<i>Subtotal NonRecurring</i>													
		0.000		0.000		0.000		0.000		0.000		0.000	
B Kits													
Recurring													
2.1.2) Acoustics Tech Refresh/Insertion/Correction of Deficiency - NonOrganic													
	-	-	-	-	-	-	6	3.000	-	-	6	3.000	
<i>Subtotal Recurring</i>													
		0.000		0.000		0.000		3.000		0.000		3.000	
NonRecurring													
2.2.1) Installation Equipment N/R - Organic													
	-	-	-	-	-	-	-	1.655	-	-	-	1.655	
<i>Subtotal NonRecurring</i>													
		0.000		0.000		0.000		1.655		0.000		1.655	
<i>Total, P-8A Correction of Deficiencies and Modernization (OSIP 026-12)</i>													
	-	-	-	-	-	-	6	4.655	-	-	6	4.655	
<i>Total, All Modifications</i>													
		0.000		0.000		0.000		4.655		0.000		4.655	
Support													
3.1) Engineering Change Orders													
	-	0.000	-	-	-	-	-	-	-	-	-	-	
3.2) Data													
	-	-	-	-	-	-	-	-	-	-	-	-	
3.3) Training Equipment (Increment 2)													
	-	-	-	-	-	-	-	-	-	-	-	-	
3.4) Training Equipment (Increment 3)													
	-	-	-	-	-	-	-	-	-	-	-	-	

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0586 - P-8 Series	Modification Nomenclature <i>(Modification Title, Modification Number):</i> P-8A Correction of Deficiencies and Modernization (OSIP 026-12) - 1

Models of Systems Affected: P-8A MMA	Type Modification: Mission Capabilities	Related RDT&E PEs:										
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>
3.5) Support Equipment	-	0.000	-	-	-	-	-	-	-	-	-	-
3.6) ILS	-	-	-	-	-	-	-	0.100	-	-	-	0.100
3.7) Other Support	-	-	-	-	-	-	-	0.547	-	-	-	0.547
3.8) Interim Contractor Support	-	0.000	-	-	-	-	-	-	-	-	-	-
Total Support Cost		0.000		0.000		0.000		0.647		0.000		0.647
Procurement Cost (Procurement + Support)		0.000		0.000		0.000		5.302		0.000		5.302
Total Installation Cost		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		0.000		0.000		0.000		5.302		0.000		5.302

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>
Procurement												
P-8A Correction of Deficiencies and Modernization (OSIP 026-12)												
A Kits												
Recurring												
1.1.1) Increment 2 Kit - NonOrganic	3	2.325	13	10.478	8	6.696	-	-	-	-	24	19.499
1.1.2) Increment 3 IBS - NonOrganic	-	-	-	-	-	-	0	0.000	117	31.463	117	31.463
1.1.3) Increment 3 Net-Ready - NonOrganic	-	-	-	-	-	-	0	0.000	117	62.925	117	62.925
1.1.4) Increment 3 Net Enabled Weapon - NonOrganic	-	-	-	-	-	-	0	0.000	117	31.463	117	31.463
1.1.5) Increment 3 RCI/ARCH Upgrade - NonOrganic	-	-	-	-	-	-	0	0.000	117	1,258.500	117	1,258.500
Subtotal Recurring		2.325		10.478		6.696		0.000		1,384.351		1,403.850
NonRecurring												
1.2.1) Installation Kits N/R - Organic	-	1.053	-	-	-	-	-	12.150	-	-	-	13.203
Subtotal NonRecurring		1.053		0.000		0.000		12.150		0.000		13.203
B Kits												
Recurring												
2.1.2) Acoustics Tech Refresh/Insertion/Correction of Deficiency - NonOrganic	-	-	-	-	-	-	-	-	-	-	6	3.000

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0586 - P-8 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): P-8A Correction of Deficiencies and Modernization (OSIP 026-12) - 1

Models of Systems Affected: P-8A MMA	Type Modification: Mission Capabilities	Related RDT&E PEs:
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		3.000
NonRecurring												
2.2.1) Installation Equipment N/R - Organic	-	-	-	-	-	-	-	-	-	-	-	1.655
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		1.655
<i>Total, P-8A Correction of Deficiencies and Modernization (OSIP 026-12)</i>	3	3.378	13	10.478	8	6.696	-	12.150	468	1,384.351	498	1,421.708
<i>Total, All Modifications</i>		3.378		10.478		6.696		12.150		1,384.351		1,421.708
Support												
3.1) Engineering Change Orders	-	-	-	-	-	-	-	-	-	-	-	-
3.2) Data	-	0.400	-	0.734	-	0.850	-	0.850	-	21.000	-	23.834
3.3) Training Equipment (Increment 2)	3	1.350	12	5.616	4	1.980	-	-	15	7.223	34	16.169
3.4) Training Equipment (Increment 3)	-	-	-	-	-	-	0	0.000	34	12.047	34	12.047
3.5) Support Equipment	-	-	-	-	-	-	-	-	-	-	-	-
3.6) ILS	-	0.100	-	0.250	-	0.725	-	0.834	-	11.800	-	13.809
3.7) Other Support	-	0.724	-	2.393	-	2.627	-	3.730	-	154.095	-	164.116
3.8) Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		2.574		8.993		6.182		5.414		206.165		229.975
<i>Procurement Cost (Procurement + Support)</i>		5.952		19.471		12.878		17.564		1,590.516		1,651.683
<i>Total Installation Cost</i>		1.200		2.100		9.064		4.752		549.689		566.805
Total Cost (Procurement + Support + Installation)		7.152		21.571		21.942		22.316		2,140.205		2,218.488

Remarks:

Manufacturer Information: P-8A Correction of Deficiencies and Modernization (OSIP 026-12)

Manufacturer Name: Boeing - Acoustics	Manufacturer Location: Seattle, WA
Administrative Leadtime (in Months): 5	Production Leadtime (in Months): 10

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates				Mar 2013			
Delivery Dates				Jan 2014			

Manufacturer Name: Boeing - Increment 2	Manufacturer Location: Seattle, WA
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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0586 - P-8 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): P-8A Correction of Deficiencies and Modernization (OSIP 026-12) - 1

Models of Systems Affected: P-8A MMA	Type Modification: Mission Capabilities	Related RDT&E PEs:
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Manufacturer Information: P-8A Correction of Deficiencies and Modernization (OSIP 026-12)

Administrative Leadtime (<i>in Months</i>): 9				Production Leadtime (<i>in Months</i>): 9			
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates				Jul 2014			
Delivery Dates				Apr 2015			

Manufacturer Name: Boeing - Increment 3	Manufacturer Location: Seattle, WA
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Administrative Leadtime (<i>in Months</i>): 0				Production Leadtime (<i>in Months</i>): 0			
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates							
Delivery Dates							

Installation: P-8A Correction of Deficiencies and Modernization (OSIP 026-12)	Method of Implementation: Contractor Field Mod Team	Installation Name: Increment 2
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	-	-

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0586 - P-8 Series
Modification Nomenclature (<i>Modification Title, Modification Number</i>): P-8A Correction of Deficiencies and Modernization (OSIP 026-12) - 1		

Models of Systems Affected: P-8A MMA	Type Modification: Mission Capabilities	Related RDT&E PEs:
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Installation: P-8A Correction of Deficiencies and Modernization (OSIP 026-12)	Method of Implementation: Contractor Field Mod Team	Installation Name: Increment 2
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Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	6	2.100	-	-	-	-	-	-	6	2.100
FY 2015	-	-	-	-	25	9.064	-	-	-	-	25	9.064
FY 2016	-	-	-	-	-	-	12	4.752	-	-	12	4.752
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	15	4.500	15	4.500
Total	-	-	6	2.100	25	9.064	12	4.752	15	4.500	58	20.416

Installation Schedule

APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	5	6	7	7	7	5	-	-	15	58
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	5	6	7	7	7	5	-	15	58

Installation: P-8A Correction of Deficiencies and Modernization (OSIP 026-12)	Method of Implementation: TBD	Installation Name: Increment 3
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	0	0.000	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0586 - P-8 Series
		Modification Nomenclature (<i>Modification Title, Modification Number</i>): P-8A Correction of Deficiencies and Modernization (OSIP 026-12) - 1

Models of Systems Affected: P-8A MMA	Type Modification: Mission Capabilities	Related RDT&E PEs:
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Installation: P-8A Correction of Deficiencies and Modernization (OSIP 026-12)	Method of Implementation: TBD	Installation Name: Increment 3
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	-	-

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	0	0.000
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	502	545.189	502	545.189
Total	-	-	-	-	-	-	-	-	502	545.189	502	545.189

Installation Schedule																														
APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	502	502	
Out	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	502	502	

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0586 - P-8 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): P-8A Correction of Deficiencies and Modernization (OSIP 026-12) - 1

Models of Systems Affected: P-8A MMA	Type Modification: Mission Capabilities	Related RDT&E PEs:
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Installation: P-8A Correction of Deficiencies and Modernization (OSIP 026-12)	Method of Implementation: [none specified]	Installation Name: Acoustics Tech Refresh/Insertion/Correction of Deficiency
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	-	-

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	6	1.200	-	-	-	-	-	-	-	-	6	1.200
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	6	1.200	-	-	-	-	-	-	-	-	6	1.200

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0586 - P-8 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): P-8A Correction of Deficiencies and Modernization (OSIP 026-12) - 1

Models of Systems Affected: P-8A MMA	Type Modification: Mission Capabilities	Related RDT&E PEs:
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Installation: P-8A Correction of Deficiencies and Modernization (OSIP 026-12)	Method of Implementation: [none specified]	Installation Name: Acoustics Tech Refresh/Insertion/Correction of Deficiency
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Installation Schedule																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	2	-	-	-	-	-	-	-	-	-	-	-	-	6	
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	2	-	-	-	-	-	-	-	-	-	-	-	-	6	

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Exhibit P-40, Budget Item Justification Sheet: PB 2013 Navy **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity:
1506N : Aircraft Procurement, Navy / BA 5 : Modification of Aircraft / BSA 1 :
Modification Of Aircraft

P-1 Line Item Nomenclature:
0587 - MAGTF EW for Aviation

ID Code (A=Service Ready, B=Not Service Ready) : A **Program Elements for Code B Items:** **Other Related Program Elements:** 0604376M

Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	-	2.600	0.489	34.127	-	34.127	14.446	20.507	8.006	6.095	16.500	102.770
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	2.600	0.489	34.127	-	34.127	14.446	20.507	8.006	6.095	16.500	102.770
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	-	2.600	0.489	34.127	-	34.127	14.446	20.507	8.006	6.095	16.500	102.770

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

This line item funds modification efforts for the System of Systems (SOS) that support the Marine Air Ground Task Force Electronic Warfare (MAGTF EW) mission. These SOS are designed to support improved capabilities to close gaps in MAGTF EW sufficiency and integration in the EW arena, they are designed for carriage on a variety of organic air and ground MAGTF assets and include: Software Reprogrammable Payload (SRP), Collaborative EW/EW Battle Management, EW Services Architecture (formerly Collaborative On-Line Reconnaissance Provider of Operational Responsive Attack Link (CORPORAL)), and Intrepid Tiger series.

MAGTF EW will support procurement of new technologies and equipment as needed to combat emerging electronic warfare (EW) technologies and systems.

Item Schedule		ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
IRIDIUM SYSTEMS (OSIP 012-11) - 1	P3A		-	-	0.000	-	-	2.600	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000
SOFTWARE REPROGRAMMABLE PAYLOAD (OSIP 034-12) - 2	P3A		-	-	0.000	-	-	0.000	-	-	0.489	-	-	10.527	-	-	0.000	-	-	10.527
INTREPID TIGER II SERIES (ALQ-231) (OSIP 010-13) - 3	P3A		-	-	0.000	-	-	0.000	-	-	0.000	-	-	23.600	-	-	0.000	-	-	23.600
Total Gross/Weapon System Cost					-			2.600			0.489			34.127			-			34.127

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Exhibit P-40, Budget Item Justification Sheet: PB 2013 Navy **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity:
1506N : Aircraft Procurement, Navy / BA 5 : Modification of Aircraft / BSA 1 :
Modification Of Aircraft

P-1 Line Item Nomenclature:
0587 - MAGTF EW for Aviation

ID Code (A=Service Ready, B=Not Service Ready) : A **Program Elements for Code B Items:** **Other Related Program Elements:** 0604376M

Item Nomenclature*	Exhibits	ID CD	FY 2014			FY 2015			FY 2016			FY 2017			To Complete			Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
IRIDIUM SYSTEMS (OSIP 012-11) - 1	P3A		-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	2.600
SOFTWARE REPROGRAMMABLE PAYLOAD (OSIP 034-12) - 2	P3A		-	-	14.446	-	-	20.507	-	-	8.006	-	-	6.095	-	-	16.500	-	-	76.570
INTREPID TIGER II SERIES (ALQ-231) (OSIP 010-13) - 3	P3A		-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	23.600
Total Gross/Weapon System Cost					14.446			20.507			8.006			6.095			16.500			102.770

*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.

Justification:

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Exhibit P-3A, Individual Modification: PB 2013 Navy							Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1			P-1 Line Item Nomenclature: 0587 - MAGTF EW for Aviation				Modification Nomenclature (<i>Modification Title, Modification Number</i>): IRIDIUM SYSTEMS (OSIP 012-11) - 1					
Models of Systems Affected: EA-6 SERIES			Type Modification: RELIABILITY / MISSION CAPABILITY				Related RDT&E PEs: 0604270N					

Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	0.000	2.600	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.600
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	0.000	2.600	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.600
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	0.000	2.600	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.600

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

Efforts include the outfitting of 12 EA-6B aircraft with Internet Relay Chat (IRC). IRC is an essential tool used by the Electronic Warfare Combatant Commander (EWCC) as a means of requesting and coordinating EW support. This upgrade will provide Beyond Line of Sight (BLOS) capability for data and voice communications. Results of this increased capability will include increased situational awareness and will ensure spectral dominance across the battle space. IRC will give users the ability to correlate both on-board and off-board threat information/sensor data and enable coordinated jamming operations.

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Exhibit P-3A, Individual Modification: PB 2013 Navy									Date: February 2012				
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0587 - MAGTF EW for Aviation					Modification Nomenclature (<i>Modification Title, Modification Number</i>): IRIDIUM SYSTEMS (OSIP 012-11) - 1				
Models of Systems Affected: EA-6 SERIES				Type Modification: RELIABILITY / MISSION CAPABILITY					Related RDT&E PEs: 0604270N				
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
IRIDIUM SYSTEMS (OSIP 012-11)													
B Kits													
Recurring													
2.1.1) Installation Equipment - Organic													
	-	-	12	0.310	-	-	-	-	-	-	-	-	
<i>Subtotal Recurring</i>		0.000		0.310		0.000		0.000		0.000		0.000	
NonRecurring													
2.2.1) Installation Equipment N/R - Organic													
	-	-	-	0.560	-	-	-	-	-	-	-	-	
<i>Subtotal NonRecurring</i>		0.000		0.560		0.000		0.000		0.000		0.000	
<i>Total, IRIDIUM SYSTEMS (OSIP 012-11)</i>		-		12	0.870	-		-		-		-	
<i>Total, All Modifications</i>		0.000		0.870		0.000		0.000		0.000		0.000	
Support													
3.1) ECO													
	-	0.000	-	-	-	-	-	-	-	-	-	-	
3.2) Data													
	-	-	-	0.246	-	-	-	-	-	-	-	-	
3.3) Training Equipment													
	-	0.000	-	-	-	-	-	-	-	-	-	-	
3.4) Support Equipment													
	-	0.000	-	-	-	-	-	-	-	-	-	-	
3.5) ILS													
	-	0.000	-	-	-	-	-	-	-	-	-	-	
3.6) Other Support													
	-	-	-	1.484	-	-	-	-	-	-	-	-	
3.7) Interim Contractor Support													
	-	0.000	-	-	-	-	-	-	-	-	-	-	
<i>Total Support Cost</i>		0.000		1.730		0.000		0.000		0.000		0.000	
<i>Procurement Cost (Procurement + Support)</i>		0.000		2.600		0.000		0.000		0.000		0.000	
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000	
Total Cost (Procurement + Support + Installation)		0.000		2.600		0.000		0.000		0.000		0.000	
Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
IRIDIUM SYSTEMS (OSIP 012-11)													

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0587 - MAGTF EW for Aviation	Modification Nomenclature <i>(Modification Title, Modification Number):</i> IRIDIUM SYSTEMS (OSIP 012-11) - 1
Models of Systems Affected: EA-6 SERIES	Type Modification: RELIABILITY / MISSION CAPABILITY	Related RDT&E PEs: 0604270N

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
B Kits												
Recurring												
2.1.1) Installation Equipment - Organic	-	-	-	-	-	-	-	-	-	-	12	0.310
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		0.310
NonRecurring												
2.2.1) Installation Equipment N/R - Organic	-	-	-	-	-	-	-	-	-	-	-	0.560
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		0.560
<i>Total, IRIDIUM SYSTEMS (OSIP 012-11)</i>	-	-	-	-	-	-	-	-	-	-	12	0.870
<i>Total, All Modifications</i>		0.000		0.000		0.000		0.000		0.000		0.870
Support												
3.1) ECO	-	-	-	-	-	-	-	-	-	-	-	-
3.2) Data	-	-	-	-	-	-	-	-	-	-	-	0.246
3.3) Training Equipment	-	-	-	-	-	-	-	-	-	-	-	-
3.4) Support Equipment	-	-	-	-	-	-	-	-	-	-	-	-
3.5) ILS	-	-	-	-	-	-	-	-	-	-	-	-
3.6) Other Support	-	-	-	-	-	-	-	-	-	-	-	1.484
3.7) Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		0.000		0.000		0.000		0.000		0.000		1.730
<i>Procurement Cost (Procurement + Support)</i>		0.000		0.000		0.000		0.000		0.000		2.600
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		0.000		0.000		0.000		0.000		0.000		2.600

Remarks:

Manufacturer Information: IRIDIUM SYSTEMS (OSIP 012-11)							
Manufacturer Name: TBD				Manufacturer Location: TBD			
Administrative Leadtime (in Months): 0				Production Leadtime (in Months): 0			
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates							

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Exhibit P-3A, Individual Modification: PB 2013 Navy						Date: February 2012	
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1			P-1 Line Item Nomenclature: 0587 - MAGTF EW for Aviation			Modification Nomenclature <i>(Modification Title, Modification Number):</i> IRIDIUM SYSTEMS (OSIP 012-11) - 1	
Models of Systems Affected: EA-6 SERIES			Type Modification: RELIABILITY / MISSION CAPABILITY			Related RDT&E PEs: 0604270N	
Manufacturer Information: IRIDIUM SYSTEMS (OSIP 012-11)							
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Delivery Dates							

Installation: IRIDIUM SYSTEMS (OSIP 012-11)	Method of Implementation: Organic - Installation Equipment	Installation Quantity: 12
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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0587 - MAGTF EW for Aviation	Modification Nomenclature (<i>Modification Title, Modification Number</i>): SOFTWARE REPROGRAMMABLE PAYLOAD (OSIP 034-12) - 2

Models of Systems Affected: SHADOW UNMANNED AIRCRAFT SYSTEM	Type Modification: RELIABILITY / MISSION CAPABILITY	Related RDT&E PEs: 0604376M
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	0.000	0.000	0.489	10.527	0.000	10.527	14.446	20.507	8.006	6.095	16.500	76.570
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	0.000	0.000	0.489	10.527	0.000	10.527	14.446	20.507	8.006	6.095	16.500	76.570
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	0.000	0.000	0.489	10.527	0.000	10.527	14.446	20.507	8.006	6.095	16.500	76.570

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

Procures Software Reprogrammable Payload (SRP) multi-function kits for 48 USMC Shadow 200's. There are two SRP kits required for each USMC Shadow 200 for a total of 96 SRP kits. Costs include hardware, software production, associated communications gear, and the installation necessary to transition this capability with science and technology onto an existing deployed system. The integration of SRP onto an existing platform provides advanced communication and data relay for fleet assets.

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0587 - MAGTF EW for Aviation	Modification Nomenclature (<i>Modification Title, Modification Number</i>): SOFTWARE REPROGRAMMABLE PAYLOAD (OSIP 034-12) - 2

Models of Systems Affected: SHADOW UNMANNED AIRCRAFT SYSTEM	Type Modification: RELIABILITY / MISSION CAPABILITY	Related RDT&E PEs: 0604376M
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
SOFTWARE REPROGRAMMABLE PAYLOAD (OSIP 034-12)												
A Kits												
Recurring												
1.1.1) SRP Kits - Organic	-	-	-	-	-	-	12	1.200	-	-	12	1.200
<i>Subtotal Recurring</i>		0.000		0.000		0.000		1.200		0.000		1.200
B Kits												
Recurring												
2.1.1) Installation Equipment - Organic	-	-	-	-	-	-	12	6.000	-	-	12	6.000
<i>Subtotal Recurring</i>		0.000		0.000		0.000		6.000		0.000		6.000
NonRecurring												
2.2.1) Installation Equipment N/R - Organic	-	-	-	-	-	-	-	1.800	-	-	-	1.800
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		1.800		0.000		1.800
<i>Total, SOFTWARE REPROGRAMMABLE PAYLOAD (OSIP 034-12)</i>	-	-	-	-	-	-	24	9.000	-	-	24	9.000
<i>Total, All Modifications</i>		0.000		0.000		0.000		9.000		0.000		9.000
Support												
3.1) ECO	-	0.000	-	-	-	-	-	-	-	-	-	-
3.2) Data	-	0.000	-	-	-	-	-	-	-	-	-	-
3.3) Training Equipment	-	-	-	-	-	-	-	0.407	-	-	-	0.407
3.4) Support Equipment	-	-	-	-	-	0.300	-	0.300	-	-	-	0.300
3.5) ILS	-	0.000	-	-	-	-	-	-	-	-	-	-
3.6) Other Support	-	-	-	-	-	0.189	-	0.820	-	-	-	0.820
3.7) Interim Contractor Support	-	0.000	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		0.000		0.000		0.489		1.527		0.000		1.527
<i>Procurement Cost (Procurement + Support)</i>		0.000		0.000		0.489		10.527		0.000		10.527
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		0.000		0.000		0.489		10.527		0.000		10.527

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0587 - MAGTF EW for Aviation	Modification Nomenclature (<i>Modification Title, Modification Number</i>): SOFTWARE REPROGRAMMABLE PAYLOAD (OSIP 034-12) - 2

Models of Systems Affected: SHADOW UNMANNED AIRCRAFT SYSTEM	Type Modification: RELIABILITY / MISSION CAPABILITY	Related RDT&E PEs: 0604376M
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
SOFTWARE REPROGRAMMABLE PAYLOAD (OSIP 034-12)												
A Kits												
Recurring												
1.1.1) SRP Kits - Organic	18	1.800	26	2.600	10	1.000	8	0.800	22	2.200	96	9.600
<i>Subtotal Recurring</i>		1.800		2.600		1.000		0.800		2.200		9.600
B Kits												
Recurring												
2.1.1) Installation Equipment - Organic	18	9.000	26	13.000	10	5.000	8	4.000	22	11.000	96	48.000
<i>Subtotal Recurring</i>		9.000		13.000		5.000		4.000		11.000		48.000
NonRecurring												
2.2.1) Installation Equipment N/R - Organic	-	2.700	-	3.900	-	1.500	-	1.200	-	3.300	-	14.400
<i>Subtotal NonRecurring</i>		2.700		3.900		1.500		1.200		3.300		14.400
<i>Total, SOFTWARE REPROGRAMMABLE PAYLOAD (OSIP 034-12)</i>	36	13.500	52	19.500	20	7.500	16	6.000	44	16.500	192	72.000
<i>Total, All Modifications</i>		13.500		19.500		7.500		6.000		16.500		72.000
Support												
3.1) ECO	-	-	-	-	-	-	-	-	-	-	-	-
3.2) Data	-	-	-	-	-	-	-	-	-	-	-	-
3.3) Training Equipment	-	0.400	-	0.400	-	0.279	-	0.041	-	-	-	1.527
3.4) Support Equipment	-	0.200	-	0.200	-	0.152	-	0.041	-	-	-	1.193
3.5) ILS	-	-	-	-	-	-	-	-	-	-	-	-
3.6) Other Support	-	0.346	-	0.407	-	0.075	-	0.013	-	-	-	1.850
3.7) Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		0.946		1.007		0.506		0.095		0.000		4.570
<i>Procurement Cost (Procurement + Support)</i>		14.446		20.507		8.006		6.095		16.500		76.570
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		14.446		20.507		8.006		6.095		16.500		76.570

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Exhibit P-3A, Individual Modification: PB 2013 Navy					Date: February 2012		
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1			P-1 Line Item Nomenclature: 0587 - MAGTF EW for Aviation			Modification Nomenclature (<i>Modification Title, Modification Number</i>): SOFTWARE REPROGRAMMABLE PAYLOAD (OSIP 034-12) - 2	
Models of Systems Affected: SHADOW UNMANNED AIRCRAFT SYSTEM			Type Modification: RELIABILITY / MISSION CAPABILITY		Related RDT&E PEs: 0604376M		
Remarks:							
Manufacturer Information: SOFTWARE REPROGRAMMABLE PAYLOAD (OSIP 034-12)							
Manufacturer Name: TBD				Manufacturer Location: TBD			
Administrative Leadtime (<i>in Months</i>): 0				Production Leadtime (<i>in Months</i>): 0			
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates							
Delivery Dates							
Installation: SOFTWARE REPROGRAMMABLE PAYLOAD (OSIP 034-12)							
Method of Implementation: Organic - SRP Kits			Installation Quantity: 96				
Installation: SOFTWARE REPROGRAMMABLE PAYLOAD (OSIP 034-12)							
Method of Implementation: Organic - Installation Equipment			Installation Quantity: 96				

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0587 - MAGTF EW for Aviation	Modification Nomenclature (<i>Modification Title, Modification Number</i>): INTREPID TIGER II SERIES (ALQ-231) (OSIP 010-13) - 3

Models of Systems Affected: MULTIPLE PLATFORMS	Type Modification: RELIABILITY / MISSION CAPABILITY	Related RDT&E PEs: 0604376M
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	0.000	0.000	0.000	23.600	0.000	23.600	0.000	0.000	0.000	0.000	0.000	23.600
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	0.000	0.000	0.000	23.600	0.000	23.600	0.000	0.000	0.000	0.000	0.000	23.600
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	0.000	0.000	0.000	23.600	0.000	23.600	0.000	0.000	0.000	0.000	0.000	23.600

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

Effort for Intrepid Tiger II capability is designed to expand Electronic Warfare (EW) effectiveness against current threats and provide adaptability to future threats. Key to this capability is network accessibility that includes EW Services Architecture (formerly CORPORAL) derived infrastructure for integration on multiple aviation platforms including the AV-8B Harrier, F/A-18, and UAS platforms.

The design includes Open Architecture compliant and easily expandable hardware and software. Technique Generator Upgrades: Upgrades will enable new techniques to provide additional capability that counters existing and anticipated threat systems while maintaining an open architecture to allow future counter threat upgrades. Antenna Upgrades: Upgrades will expand transmit and receive frequency coverage to that of current and anticipated threat systems dynamically operating in a broad spectrum. Network and EW Services Upgrade: Will enable a non-co-located operator access to pod functions and information exchanges via radio signals to enhance operational and tactical flexibility. Interface Upgrades: Will enable ground and air based users to configure and monitor pod status, operation and effectiveness. Other Supporting Upgrades: Includes hardware and software components that enable functions of power, cooling, status, control and connectivity as through processors, sensors, radios, RF components and support equipment critical to overall pod and system operation to include techniques, mission planning, operational execution, postflight analysis and shipping containers.

SUPPORT EQUIPMENT: Introduction of new/modified ALQ-231 equipment requires new/modified organizational, intermediate and depot level support equipment. Changes to existing support equipment will be needed to improve reliability/maintainability/availability, address obsolescence issues, and correct deficiencies found in testing or in the field.

ENGINEERING CHANGES: This ALQ-231 Program covers system modifications required to improve reliability/maintainability/availability, enhance mission capability, interface/integrate with evolving Electronic Attack systems, resolve obsolescence issues, and correct deficiencies found in testing or in the field.

This effort previously funded under PE 0204154N BLI 0513 AEA Systems, moved to PE 0206143M BLI 0587 to align effort with Resource Sponsor.

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0587 - MAGTF EW for Aviation	Modification Nomenclature (<i>Modification Title, Modification Number</i>): INTREPID TIGER II SERIES (ALQ-231) (OSIP 010-13) - 3

Models of Systems Affected: MULTIPLE PLATFORMS	Type Modification: RELIABILITY / MISSION CAPABILITY	Related RDT&E PEs: 0604376M
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
INTREPID TIGER II SERIES (ALQ-231) (OSIP 010-13)												
B Kits												
Recurring												
2.1.1) Installation Equipment - Organic	-	-	-	-	-	-	28	16.000	-	-	28	16.000
<i>Subtotal Recurring</i>		0.000		0.000		0.000		16.000		0.000		16.000
NonRecurring												
2.2.1) Installation Equipment N/R - Organic	-	-	-	-	-	-	-	3.600	-	-	-	3.600
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		3.600		0.000		3.600
<i>Total, INTREPID TIGER II SERIES (ALQ-231) (OSIP 010-13)</i>	-	-	-	-	-	-	28	19.600	-	-	28	19.600
<i>Total, All Modifications</i>		0.000		0.000		0.000		19.600		0.000		19.600
Support												
3.1) ECO	-	0.000	-	-	-	-	-	-	-	-	-	-
3.2) Data	-	0.000	-	-	-	-	-	-	-	-	-	-
3.3) Training Equipment	-	0.000	-	-	-	-	-	-	-	-	-	-
3.4) Support Equipment	-	-	-	-	-	-	-	0.500	-	-	-	0.500
3.5) ILS	-	-	-	-	-	-	-	2.000	-	-	-	2.000
3.6) Other Support	-	-	-	-	-	-	-	1.500	-	-	-	1.500
3.7) Interim Contractor Support	-	0.000	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		0.000		0.000		0.000		4.000		0.000		4.000
<i>Procurement Cost (Procurement + Support)</i>		0.000		0.000		0.000		23.600		0.000		23.600
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		0.000		0.000		0.000		23.600		0.000		23.600

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0587 - MAGTF EW for Aviation	Modification Nomenclature (<i>Modification Title, Modification Number</i>): INTREPID TIGER II SERIES (ALQ-231) (OSIP 010-13) - 3

Models of Systems Affected: MULTIPLE PLATFORMS	Type Modification: RELIABILITY / MISSION CAPABILITY	Related RDT&E PEs: 0604376M
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
INTREPID TIGER II SERIES (ALQ-231) (OSIP 010-13)												
B Kits												
Recurring												
2.1.1) Installation Equipment - Organic	-	-	-	-	-	-	-	-	-	-	28	16.000
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		16.000
NonRecurring												
2.2.1) Installation Equipment N/R - Organic	-	-	-	-	-	-	-	-	-	-	-	3.600
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		3.600
<i>Total, INTREPID TIGER II SERIES (ALQ-231) (OSIP 010-13)</i>	-	-	-	-	-	-	-	-	-	-	28	19.600
<i>Total, All Modifications</i>		0.000		0.000		0.000		0.000		0.000		19.600
Support												
3.1) ECO	-	-	-	-	-	-	-	-	-	-	-	-
3.2) Data	-	-	-	-	-	-	-	-	-	-	-	-
3.3) Training Equipment	-	-	-	-	-	-	-	-	-	-	-	-
3.4) Support Equipment	-	-	-	-	-	-	-	-	-	-	-	0.500
3.5) ILS	-	-	-	-	-	-	-	-	-	-	-	2.000
3.6) Other Support	-	-	-	-	-	-	-	-	-	-	-	1.500
3.7) Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		0.000		0.000		0.000		0.000		0.000		4.000
<i>Procurement Cost (Procurement + Support)</i>		0.000		0.000		0.000		0.000		0.000		23.600
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		0.000		0.000		0.000		0.000		0.000		23.600

Remarks:

Manufacturer Information: INTREPID TIGER II SERIES (ALQ-231) (OSIP 010-13)	
Manufacturer Name: TBD	Manufacturer Location: TBD
Administrative Leadtime (in Months): 3	Production Leadtime (in Months): 6

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Exhibit P-3A, Individual Modification: PB 2013 Navy						Date: February 2012	
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1			P-1 Line Item Nomenclature: 0587 - MAGTF EW for Aviation			Modification Nomenclature (<i>Modification Title, Modification Number</i>): INTREPID TIGER II SERIES (ALQ-231) (OSIP 010-13) - 3	
Models of Systems Affected: MULTIPLE PLATFORMS			Type Modification: RELIABILITY / MISSION CAPABILITY			Related RDT&E PEs: 0604376M	
Manufacturer Information: INTREPID TIGER II SERIES (ALQ-231) (OSIP 010-13)							
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates			May 2013				
Delivery Dates			Nov 2013				
Installation: INTREPID TIGER II SERIES (ALQ-231) (OSIP 010-13) Method of Implementation: Organic - Installation Equipment Installation Quantity: 28							

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Exhibit P-40, Budget Item Justification Sheet: PB 2013 Navy **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 1506N : Aircraft Procurement, Navy / BA 5 : Modification of Aircraft / BSA 1 : Modification Of Aircraft	P-1 Line Item Nomenclature: 0589 - RQ-7 Series
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ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements: 0305233N
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	-	26.017	-	49.324	-	49.324	11.735	-	-	-	0.000	87.076
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	26.017	-	49.324	-	49.324	11.735	-	-	-	0.000	87.076
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	-	26.017	-	49.324	-	49.324	11.735	-	-	-	0.000	87.076

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

This line funds modifications to the RQ-7 UAV and associated support systems. The RQ-7B Shadow UAV system provides dedicated Reconnaissance, Surveillance and Target Acquisition, Intelligence, Battle Damage Assessment and Force Protection to the Marine Air-Ground Task Force. The RQ-7B Shadow UAV system provides the Marine Expeditionary Force with critical battlefield intelligence and targeting information in the rapid cycle time required for success at the tactical level.

The RQ-7B Shadow UAV system consists of four air vehicles each configured with an Electro-Optical/Infra-Red sensor payload, launcher, ground control stations, attrition engine, vehicle mounted shelters, support equipment, and government furnished equipment which includes: power generation; communications equipment; automated recovery equipment; remote video terminals; vehicle mounted shelters; and high mobility multipurpose wheeled vehicles with trailer(s). Each system is equipped with one maintenance section multifunctional vehicle and is supported by a mobile maintenance facility. The RQ-7B Shadow UAV system has logged over 24,000 flight hours since May 2007. Most hours were flown in support of Operation Iraqi Freedom and Operation Enduring Freedom (OEF) with demand for ISR services and additional/advanced capabilities trending upward.

The RQ-7B Shadow UAV system modifications are procured through the Army on the Army's Shadow Tactical Unmanned Aircraft System contracts and is identical to the Army's system. Every effort is made to ensure that the Marine Corps RQ-7B Shadow configuration matches the Army's such that combat units maintain maximum interoperability, maintainability, and combat effectiveness.

Item Schedule		ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
RQ-7 UAV Retrofits (OSIP 006-11) - 1	P3A		-	-	0.000	-	-	26.017	-	-	0.000	-	-	49.324	-	-	0.000	-	-	49.324
Total Gross/Weapon System Cost								26.017			-			49.324			-			49.324

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Exhibit P-40, Budget Item Justification Sheet: PB 2013 Navy **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 1506N : Aircraft Procurement, Navy / BA 5 : Modification of Aircraft / BSA 1 : Modification Of Aircraft	P-1 Line Item Nomenclature: 0589 - RQ-7 Series
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ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements: 0305233N
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Item Nomenclature*	Exhibits	ID CD	FY 2014			FY 2015			FY 2016			FY 2017			To Complete			Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
RQ-7 UAV Retrofits (OSIP 006-11) - 1	P3A		-	-	11.735	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	87.076
Total Gross/Weapon System Cost					11.735			-			-			-			0.000			87.076

*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.

Justification:
 FY 2011 funds support the continuation of the Congressionally mandated Tactical Common Data Links (TCDL) retrofit which includes Universal Ground Control Station, Universal Ground Data Terminal and Re-Wing. TCDL upgrade will significantly reduce radio spectrum bandwidth requirements and provide more secure and robust communications. FY 2011 funds TCDLs, Pre-Planned Product Improvements (P3I), retrofits, and associated equipment. FY 2011 includes \$8.0M Overseas Contingency Operations (OCO) funding. FY 2011 base and OCO funding combined will procure two TCDL upgrade kits.

FY 2013 requested funding supports the continuation of the Congressionally mandated TCDL and continues support for P3I, retrofits, and associated equipment for Shadow including, but not limited to, technology insertion upgrades to improve reliability, safety and performance, weaponization, communications, target designation, and other upgrades to be determined based on operational requirements and user needs. FY 2013 funding will procure four TCDL upgrade kits to upgrade deploying RQ-7B Shadow systems to maintain interoperability with Army in OEF.

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0589 - RQ-7 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): RQ-7 UAV Retrofits (OSIP 006-11) - 1

Models of Systems Affected: RQ-7B Shadow UAV	Type Modification: Added Capability	Related RDT&E PEs: 0305233N
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	0.000	26.017	0.000	49.324	0.000	49.324	11.735	0.000	0.000	0.000	0.000	87.076
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	0.000	26.017	0.000	49.324	0.000	49.324	11.735	0.000	0.000	0.000	0.000	87.076
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	0.000	26.017	0.000	49.324	0.000	49.324	11.735	0.000	0.000	0.000	0.000	87.076

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The RQ-7B Shadow UAV system modifications are procured through the Army on the Army's Shadow Tactical Unmanned Aircraft System contracts and is identical to the Army's system. Every effort is made to ensure that the Marine Corps RQ-7B Shadow configuration matches the Army's such that combat units maintain maximum interoperability, maintainability, and combat effectiveness.

FY 2011 funds support the continuation of the Congressionally mandated Tactical Common Data Links (TCDL) retrofit which includes Universal Ground Control Station, Universal Ground Data Terminal and Re-Wing. TCDL upgrade will significantly reduce radio spectrum bandwidth requirements and provide more secure and robust communications. FY 2011 funds TCDLs, Pre-Planned Product Improvements (P3I), retrofits, and associated equipment. FY 2011 includes \$8.0M Overseas Contingency Operations (OCO) funding. FY 2011 base and OCO funding combined will procure two TCDL upgrade kits.

FY 2013 requested funding supports the continuation of the Congressionally mandated TCDL and continues support for P3I, retrofits, and associated equipment for Shadow including, but not limited to, technology insertion upgrades to improve reliability, safety and performance, weaponization, communications, target designation, and other upgrades to be determined based on operational requirements and user needs. FY 2013 funding will procure four TCDL upgrade kits to upgrade deploying RQ-7B Shadow systems to maintain interoperability with Army in Operation Enduring Freedom.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONE:

Planned Initial Operational Capability is FY 2012

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Exhibit P-3A, Individual Modification: PB 2013 Navy										Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1					P-1 Line Item Nomenclature: 0589 - RQ-7 Series					Modification Nomenclature (<i>Modification Title, Modification Number</i>): RQ-7 UAV Retrofits (OSIP 006-11) - 1			
Models of Systems Affected: RQ-7B Shadow UAV				Type Modification: Added Capability				Related RDT&E PEs: 0305233N					
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
RQ-7 UAV Retrofits (OSIP 006-11)													
B Kits													
Recurring													
2.1.1) P3I Upgrades/Retrofits - NonOrganic ⁽¹⁾													
	-	-	2	25.446	-	-	4	47.087	-	-	4	47.087	
<i>Subtotal Recurring</i>		0.000		25.446		0.000		47.087		0.000		47.087	
NonRecurring													
2.2.1) Installation Equipment N/R - Organic													
	-	-	-	0.571	-	-	-	-	-	-	-	-	
<i>Subtotal NonRecurring</i>		0.000		0.571		0.000		0.000		0.000		0.000	
<i>Total, RQ-7 UAV Retrofits (OSIP 006-11)</i>		-		26.017		-		47.087		-		47.087	
<i>Total, All Modifications</i>		0.000		26.017		0.000		47.087		0.000		47.087	
Support													
3.1) Engineering Change Orders													
	-	0.000	-	-	-	-	-	-	-	-	-	-	
3.2) Data													
	-	0.000	-	-	-	-	-	-	-	-	-	-	
3.3) Training Equipment													
	-	0.000	-	-	-	-	-	-	-	-	-	-	
3.4) Support Equipment													
	-	0.000	-	-	-	-	-	-	-	-	-	-	
3.5) ILS													
	-	0.000	-	-	-	-	-	-	-	-	-	-	
3.6) Other Support													
	-	-	-	-	-	-	-	2.237	-	-	-	2.237	
3.7) Interim Contractor Support													
	-	0.000	-	-	-	-	-	-	-	-	-	-	
<i>Total Support Cost</i>		0.000		0.000		0.000		2.237		0.000		2.237	
<i>Procurement Cost (Procurement + Support)</i>		0.000		26.017		0.000		49.324		0.000		49.324	
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000	
Total Cost (Procurement + Support + Installation)		0.000		26.017		0.000		49.324		0.000		49.324	
Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
RQ-7 UAV Retrofits (OSIP 006-11)													

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0589 - RQ-7 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): RQ-7 UAV Retrofits (OSIP 006-11) - 1

Models of Systems Affected: RQ-7B Shadow UAV	Type Modification: Added Capability	Related RDT&E PEs: 0305233N
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
B Kits												
Recurring												
2.1.1) P3I Upgrades/Retrofits - NonOrganic ⁽¹⁾	1	11.338	-	-	-	-	-	-	-	-	7	83.871
<i>Subtotal Recurring</i>		11.338		0.000		0.000		0.000		0.000		83.871
NonRecurring												
2.2.1) Installation Equipment N/R - Organic	-	-	-	-	-	-	-	-	-	-	-	0.571
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		0.571
<i>Total, RQ-7 UAV Retrofits (OSIP 006-11)</i>	1	11.338	-	-	-	-	-	-	-	-	7	84.442
<i>Total, All Modifications</i>		11.338		0.000		0.000		0.000		0.000		84.442
Support												
3.1) Engineering Change Orders	-	-	-	-	-	-	-	-	-	-	-	-
3.2) Data	-	-	-	-	-	-	-	-	-	-	-	-
3.3) Training Equipment	-	-	-	-	-	-	-	-	-	-	-	-
3.4) Support Equipment	-	-	-	-	-	-	-	-	-	-	-	-
3.5) ILS	-	-	-	-	-	-	-	-	-	-	-	-
3.6) Other Support	-	0.397	-	-	-	-	-	-	-	-	-	2.634
3.7) Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		0.397		0.000		0.000		0.000		0.000		2.634
<i>Procurement Cost (Procurement + Support)</i>		11.735		0.000		0.000		0.000		0.000		87.076
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		11.735		0.000		0.000		0.000		0.000		87.076

Remarks:

- ⁽¹⁾Notes:
1. FY11 base and OCO funding combined will procure 2 TCDL upgrade kits.
 2. FY13 funding will procure 4 TCDL upgrade kits.
 3. Total cost includes installation dollars that are contracted via turn-key.

Manufacturer Information: RQ-7 UAV Retrofits (OSIP 006-11)	
Manufacturer Name: AAI	Manufacturer Location: Hunt Valley, MD
Administrative Leadtime (in Months): 9	Production Leadtime (in Months): 15

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0589 - RQ-7 Series	Modification Nomenclature (<i>Modification Title, Modification Number</i>): RQ-7 UAV Retrofits (OSIP 006-11) - 1

Models of Systems Affected: RQ-7B Shadow UAV	Type Modification: Added Capability	Related RDT&E PEs: 0305233N
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Manufacturer Information: RQ-7 UAV Retrofits (OSIP 006-11)

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates	Sep 2011		Jun 2013	Jun 2014			
Delivery Dates	Dec 2012		Sep 2014	Sep 2015			

Installation: RQ-7 UAV Retrofits (OSIP 006-11) **Method of Implementation:** [none specified] **Installation Name:** P3I Upgrades/Retrofits

Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	2	0.000	0	0.000	2	0.000
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	2	0.000	0	0.000	2	0.000

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	2	0.000
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	4	0.000	-	-	-	-	-	-	-	-	4	0.000
FY 2014	-	-	1	0.000	-	-	-	-	-	-	1	0.000
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0589 - RQ-7 Series	Modification Nomenclature <i>(Modification Title, Modification Number):</i> RQ-7 UAV Retrofits (OSIP 006-11) - 1

Models of Systems Affected: RQ-7B Shadow UAV	Type Modification: Added Capability	Related RDT&E PEs: 0305233N
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Installation: RQ-7 UAV Retrofits (OSIP 006-11)	Method of Implementation: [none specified]	Installation Name: P3I Upgrades/Retrofits
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Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Total	4	0.000	1	0.000	-	-	-	-	-	-	7	0.000

Installation Schedule																																
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot	
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4			
In	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	4	-	-	-	1	-	-	-	-	-	-	-	-	-	-	7
Out	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	4	-	-	-	1	-	-	-	-	-	-	-	-	-	-	7

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Exhibit P-40, Budget Item Justification Sheet: PB 2013 Navy **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity:
1506N : Aircraft Procurement, Navy / BA 5 : Modification of Aircraft / BSA 1 :
Modification Of Aircraft

P-1 Line Item Nomenclature:
0590 - V-22 (Tilt/Rotor Acft) Osprey

ID Code (A=Service Ready, B=Not Service Ready) : A **Program Elements for Code B Items:** **Other Related Program Elements:**

Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	534.492	69.530	81.264	95.856	-	95.856	160.880	152.400	138.247	160.192	338.870	1,731.731
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	534.492	69.530	81.264	95.856	-	95.856	160.880	152.400	138.247	160.192	338.870	1,731.731
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	534.492	69.530	81.264	95.856	-	95.856	160.880	152.400	138.247	160.192	338.870	1,731.731
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

This line item funds modifications to the Navy's V-22 aircraft. The V-22 is a tilt rotor, Vertical/Short Takeoff and Landing (V/STOL) aircraft for Joint Service application. The Navy acts as the lead service with support from the United States Air Force (USAF) co-located in the V-22 Program Office. The V-22 Program is designed to provide an aircraft to meet the amphibious/vertical assault needs of the United States Marine Corps (USMC), the strike rescue needs of the Navy, and the special operations needs of the USAF and United States Special Operations Command (USSOCOM). The MV-22 variant is replacing the CH-46E in the Marine Corps and will supplement the H-60 in the Navy. The CV-22 variant replaced the MH-53J, and will provide a new capability and augment the MC-130 in the USAF/USSOCOM inventory for special operations infiltration, exfiltration, and resupply missions. The V-22 is capable of flying over 2,100 nautical miles (NM) with a single refueling, giving the Services the advantage of a V/STOL aircraft able to rapidly self-deploy to any location in the world.

The overall goal of the modifications budgeted in FY 2013 is to maintain commonality, implement structural safety and reliability improvements, and improve capability. These modifications will also improve readiness, increase aircraft availability, and decrease operating costs. FY 2013 focus will be on reducing flight hour costs, and improving Time On Wing, as reflected in the Readiness OSIP.

Note: ATR received in FY11 for \$11.340M. \$2.84M for Day Heads Up Display. \$3.7M for Main Landing Gear Fire Suppression. \$4.8M for TCAS.

Item Schedule		ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
MV-22 Correction of Deficiencies and Pre Block A Through C (OSIP 022-01) - 1	P3A		-	-	534.492	-	-	69.530	-	-	38.264	-	-	43.151	-	-	0.000	-	-	43.151
MV-22 Readiness (OSIP 028-12) - 2	P3A		-	-	0.000	-	-	0.000	-	-	43.000	-	-	52.705	-	-	0.000	-	-	52.705

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Exhibit P-40, Budget Item Justification Sheet: PB 2013 Navy **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 1506N : Aircraft Procurement, Navy / BA 5 : Modification of Aircraft / BSA 1 : Modification Of Aircraft	P-1 Line Item Nomenclature: 0590 - V-22 (Tilt/Rotor Acft) Osprey
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ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:
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Item Schedule		Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total			
Item Nomenclature*	Exhibits	ID CD	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Total Gross/Weapon System Cost					534.492			69.530			81.264			95.856			-			95.856

		FY 2014			FY 2015			FY 2016			FY 2017			To Complete			Total			
Item Nomenclature*	Exhibits	ID CD	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
MV-22 Correction of Deficiencies and Pre Block A Through C (OSIP 022-01) - 1	P3A		-	-	80.764	-	-	61.800	-	-	62.696	-	-	59.641	-	-	254.900	-	-	1,205.238
MV-22 Readiness (OSIP 028-12) - 2	P3A		-	-	80.116	-	-	90.600	-	-	75.551	-	-	100.551	-	-	83.970	-	-	526.493
Total Gross/Weapon System Cost					160.880			152.400			138.247			160.192			338.870			1,731.731

*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.

Justification:
 MV-22 Correction of Deficiencies provides near and long term improvements to the fleet, focusing on documented deficiencies related to safety, maintainability, and aircraft systems. These modifications and selected component changes are being accomplished by field retrofit. In order to meet emerging deficiencies the airframe and integrated systems must be modified as critical corrections/changes are identified. Funds will be used to manage, prepare, process and incorporate Engineering Change Proposals (ECP) and implement those changes to sustain and improve MV-22 system operations. ECPs are implemented to coincide with resources and aircraft availability. These changes provide more robust performance in navigation, weapons, avionics, survivability, maneuverability, maintainability, and mission deployment of the MV-22 platform. This modification program may be required to provide timely remedial action for any aircraft system, component or structure. Starting in FY12, ECPs addressing readiness degraders impacting MV-22 reliability, maintainability, availability, and cost per flight hour are captured under OSIP 28-12.

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0590 - V-22 (Tilt/Rotor Acft) Osprey	Modification Nomenclature (<i>Modification Title, Modification Number</i>): MV-22 Correction of Deficiencies and Pre Block A Through C (OSIP 022-01) - 1

Models of Systems Affected: V-22 Series	Type Modification: Safety, Reliability, Increased Service Life, Improved Mission Capability	Related RDT&E PEs: 0604262N
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	534.492	69.530	38.264	43.151	0.000	43.151	80.764	61.800	62.696	59.641	254.900	1,205.238
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	534.492	69.530	38.264	43.151	0.000	43.151	80.764	61.800	62.696	59.641	254.900	1,205.238
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	534.492	69.530	38.264	43.151	0.000	43.151	80.764	61.800	62.696	59.641	254.900	1,205.238

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

MV-22 Correction of Deficiencies provides near and long term improvements to the fleet, focusing on documented deficiencies related to safety, maintainability, and aircraft systems. These modifications and selected component changes are being accomplished by field retrofit. In order to meet emerging deficiencies the airframe and integrated systems must be modified as critical corrections/changes are identified. Funds will be used to manage, prepare, process and incorporate Engineering Change Proposals (ECP) and implement those changes to sustain and improve MV-22 system operations. ECPs are implemented to coincide with resources and aircraft availability. These changes provide more robust performance in navigation, weapons, avionics, survivability, maneuverability, maintainability, and mission deployment of the MV-22 platform. This modification program may be required to provide timely remedial action for any aircraft system, component or structure. Starting in FY12, ECPs addressing readiness degraders impacting MV-22 reliability, maintainability, availability, and cost per flight hour are captured under OSIP 28-12.

Future ECPs:
 PRE BLOCK A, BLOCK A, BLOCK B, and BLOCK C: Major configuration changes are associated with the aircraft Propulsion/Drive, Electrical, Avionics, Hydraulics, Structure/Airframe, Fuel, Software, and Environmental Control System (ECS). Specifically included are Nacelle changes, Avionics, Blade Fold Harness, Fuel Probe, Active Vibration Suppression System, Constant Frequency Generator and Variable Frequency Generator. Additional configuration changes include Effectiveness and Suitability and Enhanced Capability. ECPs for (R&M changes, Ice Protection and Clam Shell Doors) are configuration items associated with production Block A, Block B, and Block C changes. Aircraft Retrofits are implemented to coincide with resources and aircraft availability, stand-alone retrofit ECPs are generated. These Retrofit ECPs are the implementation of the approved production Block Configuration changes.
 ECP-344: REGULATED CONVERTER: Incorporates fixes to alleviate concerns associated with spec compliance and eliminate nuisance failures for fleet aircraft.
 SHAFT DRIVEN COMPRESSOR SCREEN: Incorporates a new shaft drive compressor screen with one piece inner and outer frames to reduce the number of parts and larger holes to increase air flow.
 RAMP ACTUATOR: Incorporates fixes for reliability and life limit deficiencies. There are two ramp actuators per aircraft.
 CARGO RESTRAINT SYSTEM: Changes the cargo restraint factors from a dynamic to a static tie down system to improve Fleet suitability.
 FUEL ISOLATION TUBES: Incorporates the productionized final design for resistive tubes on hoses for lightning strike protection.
 AVIONICS: Avionics modifications to the V-22 will improve display reliability, eliminate communication security issues and alleviate parts obsolescence/vendor problems. Changes to the V-22 avionics will include: Display System upgrade, Cockpit Inter Communication System modification, upgraded Mission Computer, updated Data Transfer Module, Control Display Unit/Engine Instrument Caution Advisory System upgrade, Control Display Unit Keyboard upgrade, and Avionics Interface Units upgrades. As well as Mission System Upgrade (MSU) and Midwing Processing Unit (MPU) obsolescence replacement.
 POWER TRANSMISSION AND CONTROL: Changes to the V-22 Power Transmission and Control System will improve reliability and maintainability. Changes to the V-22 Power Transmission and Control System will include: swashplate reliability upgrades, engine gimbal ring/spherical bearing installation revision, updated refuel/defuel valve, bull gear shroud and engine gimbal ring.

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0590 - V-22 (Tilt/Rotor Acft) Osprey	Modification Nomenclature <i>(Modification Title, Modification Number):</i> MV-22 Correction of Deficiencies and Pre Block A Through C (OSIP 022-01) - 1
Models of Systems Affected: V-22 Series	Type Modification: Safety, Reliability, Increased Service Life, Improved Mission Capability	Related RDT&E PEs: 0604262N
<p>COCKPIT: Changes to the V-22 cockpit will improve crew safety, mission suitability and overall reliability. Changes to the V-22 cockpit include: night vision goggle compatible hardware, upgraded inertial reels, upgraded pilot and co-pilot restraint system, throttle control lever soft stop modification, and improved rain removal.</p> <p>STRUCTURAL: Structural changes to the V-22 will increase survivability, improve maintainability and aircraft availability, eliminate component interferences, improve suitability and correct safety related issues. Structural changes include: forward sponson fuel bladder access redesign/install powder panels, environmental control unit Ram air barrier filter, avionics left hand mounting tray, aft upper door strut, add manual drive decal, fold blades in high winds and modified trunnion fitting.</p> <p>PRODUCTION ROTOR LIGHTING PROTECTION: Improves rotor system lighting protection by adding improved bonding harness and grounding strap bracket.</p> <p>BRACKET HYDRAULIC LINE CLAMPING: Relocate clamping provisions from the removable conversion actuator fairing to the frame and improve the tube installation.</p> <p>SWASHPLATE DRAG TUBE: Redesign Swashplate Drag Tube to increase part life.</p> <p>WASHER: Washer to now be included with attach hardware to ensure adequate tying of the assembly.</p> <p>RELIABILITY & MAINTAINABILITY FIXES: Includes Corrective Action Plans to make the aircraft compliant with Operation Requirements Document requirements.</p> <p>ECP-400: AIRCRAFT MAINTENANCE TRAINER: Improves training and pilot proficiency by incorporating modifications to the AMT #1 to reflect most current aircraft configuration as directed by Blue Ribbon Panel.</p> <p>ECP-397: FULL FIDELITY SIMULATOR (FFS) UPGRADES: Improves training and pilot proficiency by incorporating modifications to the FFS #1 & #2 to reflect most current aircraft configuration as directed by Blue Ribbon Panel.</p> <p>ECP-TBD: FLIGHT TRAINING DEVICE (FTD) UPGRADES: Improves training and pilot proficiency by incorporating modifications to the FTD #1 to reflect most current aircraft configuration as directed by Blue Ribbon Panel.</p> <p>ECP-427R1: MECHANICAL PART TASK TRAINER: Improves maintainer and aircrew proficiency by incorporating Block 'A' configuration changes.</p> <p>ECP-451: INTERACTIVE MULTIMEDIA INSTRUCTION: Improves maintainer and aircrew proficiency by incorporating Block 'A' configuration changes.</p> <p>ECP-511: AIRFRAME PART TASK TRAINER, Incorporate Block 'B' configuration changes.</p> <p>ECP-TBD: Block B safety configuration changes required to meet mission requirements. Changes are associated with the aircraft Propulsion/Drive, Electrical, Avionics, Hydraulics, and Structure/Airframe.</p> <p>ECP-TBD: Block B safety, reliability and maintainability changes required to meet mission requirements. Changes are associated with the aircraft Propulsion/Drive, Electrical, Avionics, Hydraulics, and Structure/Airframe.</p> <p>ECP-722: Shaft Driven Compressor Inlet Barrier Filter, provides an inlet barrier filter to prevent particles from reaching and damaging the Shaft Driven Compressor.</p> <p>ECP-592: Wing Stow System, Incorporate hydraulic system isolation valve normally closed to inhibit Wing Stow System Forward 2 Lock Pin actuator from extending when performing wing maintenance.</p> <p>ECP-TBD: Refuel/Defuel Valve, redesign of the refuel/defuel valve.</p> <p>ECP-565: Rotor Harness Redesign, Change the moldings area, extending them to the clamp locations on each side of the strap and squaring off the molded area.</p> <p>ECP-591: Rotor Harness Redesign, prevent deformation of the harness, the change will extend molded areas of the harness to the clamp locations on each side of the strap and other corrections to eliminate water intrusion.</p> <p>ECP-669: MLG Door Hinge Redesign, new-thicker machined hinge replacement designed to meet current loading requirements.</p> <p>ECP-505: ECU Water Spray Redesign, redesigned the water spray inlet assembly (U-tube) and the heat exchanger crossover tube assembly so the system tolerance can be increased to sand and dust ingestion.</p> <p>ECP-559: AMT #2, Improves training and pilot proficiency by incorporating modifications to the AMT #2 to reflect most current Block A and Block B aircraft configuration.</p> <p>ECP-513R1: Forward Engine Air Bleed, Redesigned Air tube will improve reliability and increase aircraft safety.</p> <p>ECP-539: Plugs & Covers, Redesigned plugs and covers to meet durability and operational suitability.</p> <p>ECP-TBD: Lightweight Paint, improves aircraft suitability and reduces IR Vulnerability.</p> <p>ECP-652R1: Cargo Hook Door Actuator, new design improves cargo hook door reliability and operational suitability.</p> <p>ECP-573: NLG Shock Struts, Nose Landing Gear shock struts are a life limited part, redesigned struts will eliminate safety of flight issue.</p> <p>ECP-493: Wheel & Brake, Redesign to improve reliability on the wheel, brake and components.</p> <p>ECP-470: Lateral Mass Balance, design change that will increase lateral mass balance by 9 lbs and add new pads, tungsten plates and bellcrank.</p> <p>ECP-471: Life Raft, designed for 20-man raft with overflow capacity to 30-man.</p>		

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0590 - V-22 (Tilt/Rotor Acft) Osprey	Modification Nomenclature <i>(Modification Title, Modification Number):</i> MV-22 Correction of Deficiencies and Pre Block A Through C (OSIP 022-01) - 1
Models of Systems Affected: V-22 Series	Type Modification: Safety, Reliability, Increased Service Life, Improved Mission Capability	Related RDT&E PEs: 0604262N
<p>ECP-478: SDC Duct Leak Switch Set Point, Reliability change to SDC duct leak switches to reduce false alarm pilot nuisance alarms.</p> <p>ECP-479: Suction Lift Pump Bypass Valve, Redesigned valve to prevent the diaphragm inverting due to pressure spike.</p> <p>ECP-568R1: Swashplate Actuator Hose, Redesign Hose end fittings of the swashplate Actuator ports by adding tabs so hoses can be oriented one way.</p> <p>ECP-510: Climb Dive Valve, provides for redesign of the valve to decrease cracking pressure to 1.0-1.5ps.</p> <p>ECP-684: Ice Protection System and Fairings, provides automatic anti-ice protection in aircraft icing conditions.</p> <p>ECP-721: Ramp Mounted Weapon System (RMWS), Provide an all quadrant Defensive Weapon System for the V-22.</p> <p>ECP-716: Infra-Red Suppressor (IRS) Redesign, Provide a more reliable configuration to items that have contributed to poor system reliability and identify a repair kit for the aircraft Infra-Red Suppressor system.</p> <p>ECP-783: Cabin Upper Crew Door, Provides redesign to the cabin upper crew door and the proper use of the new door.</p> <p>ECP-761: Engine Air Particle Separator (EAPS), Provides a more efficient and reliable system by incorporating an upgraded EAPS Blower case drain hose, an upgraded EAPS Blower outlet hose, and the elimination of restrictors in the case drain circuit.</p> <p>ECP-621: Full Authority Digital Electronic Control (FADEC), Provides modification of the FADEC mount brackets to allow proper seating of FADEC into mounting bracket.</p> <p>ECP-695R2: Improved Troop Seats, Provides for the redesign of the seat and the supporting airframe seat mount points.</p> <p>ECP-557: Additional Force & Drive Rate for TCL, Provides an increased maximum drive rate to meet current design specification requirements.</p> <p>ECP-544: Slip Ring Commonality, Provides a revised routing of the power feeder lines in the right and left hand Engine Nacelles.</p> <p>ECP-515: Improved Nacelle Blower, Provides a change to correct current nacelle blower bearing failures.</p> <p>ECP-685: Incorporation of Miscellaneous ECPs, Implements the following ECPs on Lot 4 aircraft: 2nd source Refuel/Defuel Valve, Block B Cargo Door Actuator Redesign and Cargo Tie Down.</p> <p>ECP-720: Improved Electrical Contactors & Material Torque Valve, Changes material of nuts for electrical contactors and revises the torque values for fastening wiring to contactors.</p> <p>ECP-613: Purge Check Valve Cracking Pressure Change, Provides a modified purge valve to increase the cracking pressure range.</p> <p>ECP-746: Air Cycle Machine Filtration, Modifies the bearing cooling flow path and adds a barrier filter.</p> <p>ECP-741: Fuel System Changes, Provides redesigned Rupture Disks and Sponson Boost Pumps to decrease fatigue failure and eliminate potential fuel run back.</p> <p>ECP-649: O2N2 Concentrator, Modifies the O2N2 Concentrator to eliminate false failures at low end of tolerance band for input air pressure.</p> <p>ECP-647: Landing Gear Isolation Valve, Provides a new Landing Gear Isolation Valve to eliminate single failures in the normal control system which can cause retraction or extension in flight at unsafe airspeed.</p> <p>ECP-693: Fuel Surge Valve: Provides a regulator in the V-22 refueling system to limit the surge pressures associated with aerial refueling.</p> <p>ECP-717: Tilt Axis Gear Box Mounting Hardware Change, Provides upgraded hardware for mounting in the tilt axis gear box.</p> <p>ECP-751: Blade Deice Distributor (BDD) Chassis Redesign, Provides upgraded BDD and mounting bracket to alleviate fretting and cracking associated with original BDD.</p> <p>ECP-763: Nose Landing Gear (NLG) Door Mechanism Improvements, Provides modified bellcrank stop and clamp-up bushings to prevent damage to NLG doors.</p> <p>ECP-TBD: Retractable Refueling Probes, Provides Retractable Refueling Probe installation kits for 4 retrofit aircraft.</p> <p>ECP-TBD: Troop Commander Situational Awareness provides independent communication, flight progress and GPS updates to embarked troops.</p> <p>ECP-772: FLIR Firmware Improvements, Provides the FLIR System Electronics Unit Video Signal Processor firmware version 2.38.</p> <p>ECP-681R1: Aerojet Fire Suppressors Revision, Provides redesigned mounting hardware for fire suppressor cannisters to reduce potential for galling threads during installation.</p> <p>ECP-782: ALE-47 Forward Firing Bucket, Provides for the ALE-47 Dispenser with Cabin Dispense Switch. Modifications will increase survivability of aircraft operating in OCO environment. SUPPLEMENTAL.</p> <p>ECP-806: EMI Hardened Proximity Sensors, revealed bladefold proximity sensor is susceptible to certain frequencies. Blade folding resulted in repeated shear pin failures (at B band frequency). Blade folding resulted in proximity sensor toggling between far/near indications (at C band frequency).</p> <p>ECP-775: ClamShell Doors: To incorporate two inspection/maintenance clam shell doors and their supporting substructure.</p> <p>ECP-825: Nacelle Clamshell Door Hinge Halves: The Nacelle Clamshell doors utilize aluminum hinge halves have been found to be cracked/fretted. Steel hinge halves are to replace the aluminum hinge halves.</p> <p>OCO ECP-844: Interim Defense Weapon System (IDWS): Provides responsive and suppressive fire with its maximum sustained rate of fire to provide maximum protection from threats in the vicinity of the landing zone.</p> <p>ECP-803: AMT #3, Improves training and pilot proficiency by incorporating modifications to the AMT #3 to reflect most current Block A and Block B aircraft configuration.</p> <p>ECP-860: KVADR replaces the GFE Flight Incident Recorder (FIR) due to obsolescence issues and diminishing manufacturing sources for parts.</p>		

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Models of Systems Affected: V-22 Series	Type Modification: Safety, Reliability, Increased Service Life, Improved Mission Capability	Related RDT&E PEs: 0604262N
<p>ECP-857: AVSS Mount Plate The original AVSS mounting plate has failed due to high-cycle fatigue on two A/C. This change will prevent fatigue of the AVSS plate. CARE V-22-352 has been written to deactivate the system for the effective A/C. This change will enable reactivation of the AVSS system and thereby reduce pilot fatigue issues.</p> <p>ECP-845: To incorporate the improved material composition of the Engine Air Particle Separator (EAPS) blower shaft and durability of the blower bearing to reduce wear and failure of components.</p> <p>ECP-865 Rapid Ground Refueling provides two new utility outlets, to be used to power the pump package.</p> <p>ECP-869: Nose Landing Gear Improvements in 3 major areas of the nose landing gear mechanisms are proposed, these include: Increase Mechanism Spring Moments, Reducing Torque Tube Pivot Friction and Revising the Mechanism Stops to improve reliability and rigging.</p> <p>ECP-871: Swashplate to correct problems with loss of torque and overheating in the swashplate.</p> <p>ECP-895: ICDS (InterConnecting Drive Shaft) changes hardware material from Titanium to Cres.</p> <p>ECP-917: Nacelle Door Hook Latch puts a heavier latch on the Nacelle Door to ensure it stays closed during flight.</p> <p>ECP TBD: Ice Protection Provides new heater blankets without the associated fairings as a stand alone number to lessen the damage to the fairings associated with blades</p> <p>OCO 08: GPS Repeater for Troop Commander Block B: Provides procurement and installation of GPS Repeater for the embarked assault units for Block B aircraft. This modification provides embarked troops the ability to update their GPS location data while still in the aircraft, precluding hazardous delays in the zone while waiting for the GPS update.</p> <p>OCO 08: FBCB2 Compliant Blue Force Tracker (BFT) with moving map: funding provides 44 off-shelf Blue Force Tracker systems for the MV-22 to retrofit the Block B aircraft deploying in support of OCO.</p> <p>OCO 08: Defensive Weapon System: The Block B CPD requires V22 aircraft have a mission configurable, crew-served, Night Vision Device (NVD) compatible DWS. This funding will field the retrofit of an interim solution ramp mounted weapons system (RMWS) to support OCO until the forward fit becomes effective starting in lot 11.</p> <p>OCO 08: Ice Protection: CDD/MIPC/NIPCU Block B CPD states the V22 is required to be able to operate in moderate icing conditions without adaptive kits. Funding will field kits and installation of the ice protection systems in 3 aircraft. This modification is necessary to ensure that training squadrons have the icing system functionality to support training requirements for squadron deployment in support of OCO.</p> <p>OCO 08: Air Cycle Machine Modification: Funding will provide 44 Block B aircraft with the improved Air Cycle Machine modification. This modification provides needed design changes to combat erosion due to ?elevated levels of snad and dust in environments encountered while supporting OCO.</p> <p>OCO: 5-Way Coupled Hover Switch will provide aircrew the ability to quickly and safely engage coupled hover when encountering severe visibility conditions during the terminal phase of approach to landing.</p> <p>ECP-744: Cargo nets and pulleys mission kits: to correct deficiencies.</p> <p>ECP-TBD: Cargo Winch System Redesign ?ECP-TBD: SLIM MFD or flight displays in cockpit, thirty lb. weight savings, less cooling and power requirements, significant obsolescence avoided, greater pilot display capabilities.</p> <p>ECP-TBD: JATAS will replace the existing Missile Warning System on MV-22, upgrading the Sensors from UV only detection, and including Laser Warning and Hostile Fire Indication.</p> <p>ECP-TBD: Gen 5 Radio addresses obsolescence non-availability of previous ARC-210 radio with current version of ARC-210 radio. New radio version maintains physical mounting and incorporates next generation cryptographic security capability to maintain compatibility with current networks and address next generation Satellite Communication network compatibility.</p> <p>ECP-888: IGV & Upstream Regulation provides for proper engine air and Hydraulic System 3 flow to operate the EAPS Scavenge Blowers. This will eliminate blower overspeeds and hydraulic system pressure spikes that have led to hydraulic system fires. It will also provide greater EAPS system availability and scavenge flow resulting in improved engine time-on-wing and blower reliability.</p> <p>BFT II Block C Retrofit Kits Provides capability to communicate via established Blue Force Tracking (BFT) network; providing aircraft current position and status to network subscribers (Joint Force Members) and to view other subscribers position and current status on graphic display. Incorporation will reduce fratricide risk and improve operational coordination.</p> <p>OCO BFT II Block B Retrofit Kits Provides capability to communicate via established Blue Force Tracking (BFT) network; providing aircraft current position and status to network subscribers (Joint Force Members) and to view other subscribers position and current status on graphic display. Incorporation will reduce fratricide risk and improve operational coordination</p> <p>OCO 12: Capability improvements to Interim Defensive Weapon System (IDWS). Employment of IDWS has resulted in identification of necessary modifications to improve effectiveness, lethality, and interoperability of the system. This modification provides necessary capability improvements identified during operational use.</p> <p>Day Heads Up Display - improves ability to land safely in environments where visibility is reduced.</p> <p>Enhanced Crash Survivable Memory Unit - to protect a/c flight information, a crash-survivable recorder capable of recording a/c parametrics and audio.</p> <p>Cabin Situational Awareness Device - improve situational awareness and enable the capability to send an analog video signal from the CSAD to Blue Force Tracker.</p> <p>Main Landing Gear Fire Suppression - increase the survivability by reducing the landing gear bay vulnerability by making that area more tolerant of battle damage, specifically fires.</p>		

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Models of Systems Affected: V-22 Series	Type Modification: Safety, Reliability, Increased Service Life, Improved Mission Capability	Related RDT&E PEs: 0604262N

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Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0590 - V-22 (Tilt/Rotor Acft) Osprey	Modification Nomenclature (<i>Modification Title, Modification Number</i>): MV-22 Correction of Deficiencies and Pre Block A Through C (OSIP 022-01) - 1

Models of Systems Affected: V-22 Series	Type Modification: Safety, Reliability, Increased Service Life, Improved Mission Capability	Related RDT&E PEs: 0604262N
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
MV-22 Correction of Deficiencies and Pre Block A Through C (OSIP 022-01)												
A Kits												
Recurring												
1.1.1) Additional Force & Drive Rate Output for TCL - Organic	39	1.672	-	-	-	-	-	-	-	-	-	-
1.1.2) Aerojet Fire Suppressors Revision - Organic	48	0.105	-	-	-	-	-	-	-	-	-	-
1.1.3) Air Cycle Machine Filtration - Organic	66	1.703	-	-	-	-	-	-	-	-	-	-
1.1.4) Air Cycle Machine Filtration GWOT - Organic	46	1.143	-	-	-	-	-	-	-	-	-	-
1.1.5) ALE-47 for Forward Firing Buckets SUPP - NonOrganic	79	3.199	-	-	-	-	-	-	-	-	-	-
1.1.6) ALE-47 Improvements Baseline - Organic	-	-	-	-	5	0.001	-	-	-	-	-	-
1.1.7) AVSS Mounting Plate - NonOrganic	46	0.137	-	-	-	-	-	-	-	-	-	-
1.1.8) BDD Chassis Redesign - Organic	91	2.400	-	-	-	-	-	-	-	-	-	-
1.1.9) BDD Chassis Redesign Spares Labor - Organic	10	0.014	-	-	-	-	-	-	-	-	-	-
1.1.10) BFT II Block B - Organic	-	-	-	-	-	-	-	-	-	-	-	-
1.1.11) BFT II Block C - NonOrganic	-	-	-	-	18	1.350	30	2.250	-	-	30	2.250
1.1.12) Block A to B - NonOrganic	9	47.910	-	-	-	-	1	5.000	-	-	1	5.000
1.1.13) Block A to B GFE - Organic	15	2.069	-	-	-	-	-	-	-	-	-	-
1.1.15) Cargo Nets and Pulleys Mission Kit - Organic	98	1.108	-	-	-	-	-	-	-	-	-	-
1.1.16) Cargo Winch System Redesign - NonOrganic	-	-	-	-	41	3.731	14	1.274	-	-	14	1.274
1.1.17) CCP Items - NonOrganic	192	24.860	-	-	-	-	-	-	-	-	-	-
1.1.19) Climb Dive Valve - Organic	28	0.365	-	-	-	-	-	-	-	-	-	-
1.1.20) Day Heads Up Display - Organic	-	-	144	2.840	-	-	-	-	-	-	-	-
1.1.21) DDMS/DEU - Organic	9	0.203	-	-	-	-	-	-	-	-	-	-
1.1.22) ECU Water Spray Design - Organic	57	0.009	-	-	-	-	-	-	-	-	-	-
1.1.24) EMI Hardened Proximity Sensors - NonOrganic	77	1.648	-	-	-	-	-	-	-	-	-	-
1.1.25) Engine Air Particle Separator - NonOrganic	70	8.000	-	-	-	-	-	-	-	-	-	-

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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
1.1.26) Engine Air Particle Separator Blower Bearing Shaft - Organic	558	11.277	-	-	-	-	-	-	-	-	-	-	
1.1.28) Enhanced Crash Survivable Memory Unit - Organic	-	-	-	-	-	-	32	2.800	-	-	32	2.800	
1.1.29) FBCB2 Compliant Blue Force Tracker Blk B GWOT - NonOrganic	764	15.918	-	-	-	-	-	-	-	-	-	-	
1.1.31) FLIR Firmware Improvements - Organic	26	2.445	-	-	-	-	-	-	-	-	-	-	
1.1.32) Fuel System Changes - Organic	82	0.946	-	-	-	-	-	-	-	-	-	-	
1.1.33) Full Authority Digital Engine Controller - Organic	20	0.121	-	-	-	-	-	-	-	-	-	-	
1.1.34) FWD Engine Air Bleed - Organic	27	0.354	-	-	-	-	-	-	-	-	-	-	
1.1.35) Gen 5 Radio ARC 210 - Organic	-	-	-	-	-	-	-	-	-	-	-	-	
1.1.36) GPS Repeater for Troop Commander Blk B GWOT - Organic	24	1.239	-	-	-	-	-	-	-	-	-	-	
1.1.37) ICDS - Organic	130	0.111	-	-	-	-	-	-	-	-	-	-	
1.1.38) Ice Protection Blk B - NonOrganic	16	0.327	-	-	-	-	-	-	-	-	-	-	
1.1.39) Ice Protection Blk B Heater Blades - Organic	143	20.898	-	-	-	-	-	-	-	-	-	-	
1.1.40) Ice Protection Blk B Heater Blades GWOT - NonOrganic	85	32.789	-	-	-	-	-	-	-	-	-	-	
1.1.41) IGV & Hyd Flow Reg - NonOrganic	91	0.823	59	0.730	36	0.517	-	-	-	-	-	-	
1.1.42) Incorporation of Misc ECPs - NonOrganic	25	0.803	-	-	-	-	-	-	-	-	-	-	
1.1.43) Interim CDD - NonOrganic	152	0.469	-	-	-	-	-	-	-	-	-	-	
1.1.44) Interim CDD Spares Install Labor - Organic	-	-	-	-	22	0.110	-	-	-	-	-	-	
1.1.45) Interim Defense Weapon System - Organic	20	19.046	12	13.920	32	12.500	-	-	-	-	-	-	
1.1.46) Interim Defense Weapon System GFE - Organic	12	0.962	-	-	-	-	-	-	-	-	-	-	
1.1.47) Interior Handholds - Organic	66	0.033	-	-	-	-	-	-	-	-	-	-	
1.1.48) IR Suppressor - NonOrganic	68	5.100	-	-	-	-	-	-	-	-	-	-	
1.1.49) JATAS - Organic	-	-	-	-	-	-	-	-	-	-	-	-	
1.1.50) KVADR - Organic	27	0.280	31	0.360	-	-	31	0.360	-	-	31	0.360	
1.1.51) KVADR GFE - Organic	10	0.364	31	0.580	-	-	31	0.580	-	-	31	0.580	
1.1.52) Landing Gear Isolation Valve - NonOrganic	114	4.656	-	-	-	-	-	-	-	-	-	-	

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1.1.53) Life Raft - Organic	3	0.033	-	-	-	-	-	-	-	-	-	-
1.1.54) Main Landing Fire Suppression - NonOrganic	12	0.800	210	5.590	60	0.540	-	-	-	-	-	-
1.1.55) MV Troop Commander Station - Organic	60	2.966	-	-	-	-	-	-	-	-	-	-
1.1.56) Nacelle Clamshell Door Hinge Halfs - Organic	-	-	47	0.611	47	0.611	-	-	-	-	-	-
1.1.58) Night V Goggle Head-Up Display SDC - Organic	-	-	-	-	-	-	10	0.005	-	-	10	0.005
1.1.59) Nose Landing Gear - NonOrganic	80	0.194	81	0.159	-	-	41	0.099	-	-	41	0.099
1.1.60) Nose Landing Gear Door Mech Improvements - Organic	49	0.014	-	-	-	-	-	-	-	-	-	-
1.1.61) O2N2 Concentrator - Organic	43	0.511	-	-	-	-	-	-	-	-	-	-
1.1.62) OCO Readiness COANDA - Organic	58	1.353	60	0.556	-	-	-	-	-	-	-	-
1.1.63) OCO Readiness IPS CDD - NonOrganic	48	9.819	44	7.308	-	-	-	-	-	-	-	-
1.1.64) OCO Readiness IPS MIPC - NonOrganic	8	1.795	36	5.436	-	-	-	-	-	-	-	-
1.1.66) OCO Readiness IRS Centerbodies - NonOrganic	105	3.578	-	-	-	-	-	-	-	-	-	-
1.1.67) OCO Readiness - Organic	10	14.167	10	1.918	-	-	-	-	-	-	-	-
1.1.68) OCO Readiness Prop Rotor Coating - NonOrganic	-	-	220	0.220	-	-	-	-	-	-	-	-
1.1.69) OCO Readiness Seven Wiring Harness - NonOrganic	44	2.758	43	1.376	-	-	-	-	-	-	-	-
1.1.70) OCO Readiness 13 Wiring Harness - NonOrganic	-	-	51	2.040	-	-	-	-	-	-	-	-
1.1.71) Plugs & Covers - Organic	21	0.470	-	-	-	-	-	-	-	-	-	-
1.1.72) Purge Check Valve Cracking Pressure Change - NonOrganic	37	0.107	-	-	-	-	-	-	-	-	-	-
1.1.73) Ramp Mounted Weapon System - Organic	112	1.978	-	-	-	-	-	-	-	-	-	-
1.1.74) Ramp Mounted Weapon System Amo Storage Rack Assembly - Organic	-	-	20	0.607	-	-	-	-	-	-	-	-
1.1.75) Ramp Mounted Weapon System Swing Arm Bolt - Organic	-	-	20	0.615	-	-	-	-	-	-	-	-
1.1.76) Rapid Ground Refueling - NonOrganic	95	0.126	22	0.025	31	0.035	-	-	-	-	-	-
1.1.77) Readiness Kits - Organic	60	11.536	-	-	-	-	-	-	-	-	-	-
1.1.78) Readiness LRSV Pressure Switch - Organic	-	-	50	0.390	-	-	-	-	-	-	-	-
1.1.79) Retractable Refueling Probe - Organic	4	1.699	-	-	-	-	-	-	-	-	-	-

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0590 - V-22 (Tilt/Rotor Acft) Osprey	Modification Nomenclature (<i>Modification Title, Modification Number</i>): MV-22 Correction of Deficiencies and Pre Block A Through C (OSIP 022-01) - 1

Models of Systems Affected: V-22 Series	Type Modification: Safety, Reliability, Increased Service Life, Improved Mission Capability	Related RDT&E PEs: 0604262N
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
1.1.80) Rotor Harness Redesign 1 - NonOrganic	52	0.725	-	-	-	-	-	-	-	-	-	-
1.1.81) Rotor Harness Redesign 2 - NonOrganic	29	0.470	-	-	-	-	-	-	-	-	-	-
1.1.82) SDC Duct Leak Switch Set Point - Organic	19	0.012	-	-	-	-	-	-	-	-	-	-
1.1.83) Shaft Driven Compressor Inlet Barrier Filter - NonOrganic	67	3.769	-	-	-	-	-	-	-	-	-	-
1.1.84) Slim MFD - Organic	-	-	-	-	27	3.200	43	4.561	-	-	43	4.561
1.1.86) Suction Lift Pump - Organic	20	0.040	-	-	-	-	-	-	-	-	-	-
1.1.87) Swashplate Actuator Hose - Organic	53	1.801	-	-	-	-	-	-	-	-	-	-
1.1.88) Swashplate Improvements - Organic	180	0.138	-	-	-	-	-	-	-	-	-	-
1.1.89) TAGB Mounting Hardware - Organic	54	0.447	-	-	-	-	-	-	-	-	-	-
1.1.90) Traffic Collision Avoidance System (TCAS) - Organic	-	-	38	4.800	-	-	-	-	-	-	-	-
1.1.91) Trailing Edge Gussets - Organic	552	0.049	-	-	-	-	-	-	-	-	-	-
1.1.92) Troop Seats - Organic	44	4.805	-	-	-	-	-	-	-	-	-	-
1.1.93) Upper Main Cabin Door - NonOrganic	30	2.666	-	-	-	-	-	-	-	-	-	-
1.1.94) Wiring Harnesses - Organic	63	6.341	-	-	-	-	-	-	-	-	-	-
<i>Subtotal Recurring</i>		290.673		50.081		22.595		16.929		0.000		16.929
<i>NonRecurring</i>												
1.2.1) Installation Kits N/R - Organic	-	68.223	-	4.416	-	-	-	3.251	-	-	-	3.251
<i>Subtotal NonRecurring</i>		68.223		4.416		0.000		3.251		0.000		3.251
B Kits												
<i>Recurring</i>												
2.1.1) EMI Hardened Proximity Sensors B Kits - NonOrganic	12	0.317	-	-	-	-	-	-	-	-	-	-
2.1.2) OCO Readiness B Kits - Organic	50	3.168	-	-	-	-	-	-	-	-	-	-
2.1.3) Swashplate Improvements B Kits - Organic	10	0.296	-	-	-	-	-	-	-	-	-	-
<i>Subtotal Recurring</i>		3.781		0.000		0.000		0.000		0.000		0.000
<i>NonRecurring</i>												
2.2.1) Installation Equipment N/R - Organic	-	0.577	-	-	-	-	-	-	-	-	-	-
<i>Subtotal NonRecurring</i>		0.577		0.000		0.000		0.000		0.000		0.000

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0590 - V-22 (Tilt/Rotor Acft) Osprey	Modification Nomenclature (<i>Modification Title, Modification Number</i>): MV-22 Correction of Deficiencies and Pre Block A Through C (OSIP 022-01) - 1

Models of Systems Affected: V-22 Series	Type Modification: Safety, Reliability, Increased Service Life, Improved Mission Capability	Related RDT&E PEs: 0604262N
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
<i>Total, MV-22 Correction of Deficiencies and Pre Block A Through C (OSIP 022-01)</i>	5,524	363.254	1,229	54.497	319	22.595	233	20.180	-	-	233	20.180
<i>Total, All Modifications</i>		363.254		54.497		22.595		20.180		0.000		20.180
Support												
3.1) Engineering Change Orders	-	0.000	-	-	-	-	-	-	-	-	-	-
3.2) Data	-	0.954	-	0.415	-	0.015	-	0.015	-	-	-	0.015
3.3) Training Equipment	7	129.380	-	4.103	-	4.481	-	4.452	-	-	-	4.452
3.4) Support Equipment	-	0.955	-	-	-	0.022	-	1.322	-	-	-	1.322
3.5) ILS	-	6.649	-	-	-	-	-	-	-	-	-	-
3.6) Other Support	-	8.086	-	4.772	-	2.256	-	8.684	-	-	-	8.684
3.7) Interim Contractor Support	-	0.000	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		146.024		9.290		6.774		14.473		0.000		14.473
<i>Procurement Cost (Procurement + Support)</i>		509.278		63.787		29.369		34.653		0.000		34.653
<i>Total Installation Cost</i>		25.214		5.743		8.895		8.498		0.000		8.498
Total Cost (Procurement + Support + Installation)		534.492		69.530		38.264		43.151		0.000		43.151

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
MV-22 Correction of Deficiencies and Pre Block A Through C (OSIP 022-01)												
A Kits												
Recurring												
1.1.1) Additional Force & Drive Rate Output for TCL - Organic	-	-	-	-	-	-	-	-	-	-	39	1.672
1.1.2) Aerojet Fire Suppressors Revision - Organic	-	-	-	-	-	-	-	-	-	-	48	0.105
1.1.3) Air Cycle Machine Filtration - Organic	-	-	-	-	-	-	-	-	-	-	66	1.703
1.1.4) Air Cycle Machine Filtration GWOT - Organic	-	-	-	-	-	-	-	-	-	-	46	1.143

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0590 - V-22 (Tilt/Rotor Acft) Osprey	Modification Nomenclature (<i>Modification Title, Modification Number</i>): MV-22 Correction of Deficiencies and Pre Block A Through C (OSIP 022-01) - 1

Models of Systems Affected: V-22 Series	Type Modification: Safety, Reliability, Increased Service Life, Improved Mission Capability	Related RDT&E PEs: 0604262N
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
1.1.5) ALE-47 for Forward Firing Buckets SUPP - NonOrganic	-	-	-	-	-	-	-	-	-	-	79	3.199
1.1.6) ALE-47 Improvements Baseline - Organic	-	-	-	-	-	-	-	-	-	-	5	0.001
1.1.7) AVSS Mounting Plate - NonOrganic	-	-	-	-	-	-	-	-	-	-	46	0.137
1.1.8) BDD Chassis Redesign - Organic	-	-	-	-	-	-	-	-	-	-	91	2.400
1.1.9) BDD Chassis Redesign Spares Labor - Organic	-	-	-	-	-	-	-	-	-	-	10	0.014
1.1.10) BFT II Block B - Organic	58	0.870	58	0.870	-	-	-	-	-	-	116	1.740
1.1.11) BFT II Block C - NonOrganic	30	3.120	30	3.120	27	2.025	-	-	-	-	135	11.865
1.1.12) Block A to B - NonOrganic	5	46.134	4	40.000	4	40.000	4	36.000	-	-	27	215.044
1.1.13) Block A to B GFE - Organic	-	-	-	-	-	-	-	-	-	-	15	2.069
1.1.15) Cargo Nets and Pulleys Mission Kit - Organic	-	-	-	-	-	-	-	-	-	-	98	1.108
1.1.16) Cargo Winch System Redesign - NonOrganic	7	0.637	6	0.546	-	-	-	-	-	-	68	6.188
1.1.17) CCP Items - NonOrganic	-	-	-	-	-	-	-	-	-	-	192	24.860
1.1.19) Climb Dive Valve - Organic	-	-	-	-	-	-	-	-	-	-	28	0.365
1.1.20) Day Heads Up Display - Organic	-	-	-	-	-	-	-	-	-	-	144	2.840
1.1.21) DDMS/DEU - Organic	-	-	-	-	-	-	-	-	-	-	9	0.203
1.1.22) ECU Water Spray Design - Organic	-	-	-	-	-	-	-	-	-	-	57	0.009
1.1.24) EMI Hardened Proximity Sensors - NonOrganic	-	-	-	-	-	-	-	-	-	-	77	1.648
1.1.25) Engine Air Particle Separator - NonOrganic	-	-	-	-	-	-	-	-	-	-	70	8.000
1.1.26) Engine Air Particle Separator Blower Bearing Shaft - Organic	-	-	-	-	-	-	-	-	-	-	558	11.277
1.1.28) Enhanced Crash Survivable Memory Unit - Organic	-	-	7	0.600	9	0.800	11	1.000	-	-	59	5.200
1.1.29) FBCB2 Compliant Blue Force Tracker Blk B GWOT - NonOrganic	-	-	-	-	-	-	-	-	-	-	764	15.918
1.1.31) FLIR Firmware Improvements - Organic	-	-	-	-	-	-	-	-	-	-	26	2.445
1.1.32) Fuel System Changes - Organic	-	-	-	-	-	-	-	-	-	-	82	0.946
1.1.33) Full Authority Digital Engine Controller - Organic	-	-	-	-	-	-	-	-	-	-	20	0.121
1.1.34) FWD Engine Air Bleed - Organic	-	-	-	-	-	-	-	-	-	-	27	0.354

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0590 - V-22 (Tilt/Rotor Acft) Osprey	Modification Nomenclature (<i>Modification Title, Modification Number</i>): MV-22 Correction of Deficiencies and Pre Block A Through C (OSIP 022-01) - 1

Models of Systems Affected: V-22 Series	Type Modification: Safety, Reliability, Increased Service Life, Improved Mission Capability	Related RDT&E PEs: 0604262N
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
1.1.35) Gen 5 Radio ARC 210 - Organic	-	-	-	-	10	0.064	60	0.388	-	-	70	0.452
1.1.36) GPS Repeater for Troop Commander Blk B GWOT - Organic	-	-	-	-	-	-	-	-	-	-	24	1.239
1.1.37) ICDS - Organic	-	-	-	-	-	-	-	-	-	-	130	0.111
1.1.38) Ice Protection Blk B - NonOrganic	-	-	-	-	-	-	-	-	-	-	16	0.327
1.1.39) Ice Protection Blk B Heater Blades - Organic	-	-	-	-	-	-	-	-	-	-	143	20.898
1.1.40) Ice Protection Blk B Heater Blades GWOT - NonOrganic	-	-	-	-	-	-	-	-	-	-	85	32.789
1.1.41) IGV & Hyd Flow Reg - NonOrganic	-	-	-	-	-	-	-	-	-	-	186	2.070
1.1.42) Incorporation of Misc ECPs - NonOrganic	-	-	-	-	-	-	-	-	-	-	25	0.803
1.1.43) Interim CDD - NonOrganic	-	-	-	-	-	-	-	-	-	-	152	0.469
1.1.44) Interim CDD Spares Install Labor - Organic	-	-	-	-	-	-	-	-	-	-	22	0.110
1.1.45) Interim Defense Weapon System - Organic	-	-	-	-	-	-	-	-	-	-	64	45.466
1.1.46) Interim Defense Weapon System GFE - Organic	-	-	-	-	-	-	-	-	-	-	12	0.962
1.1.47) Interior Handholds - Organic	-	-	-	-	-	-	-	-	-	-	66	0.033
1.1.48) IR Suppressor - NonOrganic	-	-	-	-	-	-	-	-	-	-	68	5.100
1.1.49) JATAS - Organic	-	-	-	-	7	5.662	7	5.662	134	134.506	148	145.830
1.1.50) KVADR - Organic	-	-	-	-	-	-	-	-	-	-	89	1.000
1.1.51) KVADR GFE - Organic	-	-	-	-	-	-	-	-	-	-	72	1.524
1.1.52) Landing Gear Isolation Valve - NonOrganic	-	-	-	-	-	-	-	-	-	-	114	4.656
1.1.53) Life Raft - Organic	-	-	-	-	-	-	-	-	-	-	3	0.033
1.1.54) Main Landing Fire Suppression - NonOrganic	-	-	-	-	-	-	-	-	-	-	282	6.930
1.1.55) MV Troop Commander Station - Organic	-	-	-	-	-	-	-	-	-	-	60	2.966
1.1.56) Nacelle Clamshell Door Hinge Halfs - Organic	-	-	-	-	-	-	-	-	-	-	94	1.222
1.1.58) Night V Goggle Head-Up Display SDC - Organic	-	-	-	-	-	-	-	-	-	-	10	0.005
1.1.59) Nose Landing Gear - NonOrganic	-	-	-	-	-	-	-	-	-	-	202	0.452
1.1.60) Nose Landing Gear Door Mech Improvements - Organic	-	-	-	-	-	-	-	-	-	-	49	0.014
1.1.61) O2N2 Concentrator - Organic	-	-	-	-	-	-	-	-	-	-	43	0.511

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0590 - V-22 (Tilt/Rotor Acft) Osprey	Modification Nomenclature (<i>Modification Title, Modification Number</i>): MV-22 Correction of Deficiencies and Pre Block A Through C (OSIP 022-01) - 1

Models of Systems Affected: V-22 Series	Type Modification: Safety, Reliability, Increased Service Life, Improved Mission Capability	Related RDT&E PEs: 0604262N
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
1.1.62) OCO Readiness COANDA - Organic	-	-	-	-	-	-	-	-	-	-	118	1.909
1.1.63) OCO Readiness IPS CDD - NonOrganic	-	-	-	-	-	-	-	-	-	-	92	17.127
1.1.64) OCO Readiness IPS MIPC - NonOrganic	-	-	-	-	-	-	-	-	-	-	44	7.231
1.1.66) OCO Readiness IRS Centerbodies - NonOrganic	-	-	-	-	-	-	-	-	-	-	105	3.578
1.1.67) OCO Readiness - Organic	-	-	-	-	-	-	-	-	-	-	20	16.085
1.1.68) OCO Readiness Prop Rotor Coating - NonOrganic	-	-	-	-	-	-	-	-	-	-	220	0.220
1.1.69) OCO Readiness Seven Wiring Harness - NonOrganic	-	-	-	-	-	-	-	-	-	-	87	4.134
1.1.70) OCO Readiness 13 Wiring Harness - NonOrganic	-	-	-	-	-	-	-	-	-	-	51	2.040
1.1.71) Plugs & Covers - Organic	-	-	-	-	-	-	-	-	-	-	21	0.470
1.1.72) Purge Check Valve Cracking Pressure Change - NonOrganic	-	-	-	-	-	-	-	-	-	-	37	0.107
1.1.73) Ramp Mounted Weapon System - Organic	-	-	-	-	-	-	-	-	49	1.950	161	3.928
1.1.74) Ramp Mounted Weapon System Amo Storage Rack Assembly - Organic	-	-	-	-	-	-	-	-	-	-	20	0.607
1.1.75) Ramp Mounted Weapon System Swing Arm Bolt - Organic	-	-	-	-	-	-	-	-	-	-	20	0.615
1.1.76) Rapid Ground Refueling - NonOrganic	-	-	-	-	-	-	-	-	-	-	148	0.186
1.1.77) Readiness Kits - Organic	-	-	-	-	-	-	-	-	-	-	60	11.536
1.1.78) Readiness LRSV Pressure Switch - Organic	-	-	-	-	-	-	-	-	-	-	50	0.390
1.1.79) Retractable Refueling Probe - Organic	-	-	-	-	-	-	-	-	-	-	4	1.699
1.1.80) Rotor Harness Redesign 1 - NonOrganic	-	-	-	-	-	-	-	-	-	-	52	0.725
1.1.81) Rotor Harness Redesign 2 - NonOrganic	-	-	-	-	-	-	-	-	-	-	29	0.470
1.1.82) SDC Duct Leak Switch Set Point - Organic	-	-	-	-	-	-	-	-	-	-	19	0.012
1.1.83) Shaft Driven Compressor Inlet Barrier Filter - NonOrganic	-	-	-	-	-	-	-	-	-	-	67	3.769
1.1.84) Slim MFD - Organic	25	2.963	-	-	-	-	-	-	-	-	95	10.724
1.1.86) Suction Lift Pump - Organic	-	-	-	-	-	-	-	-	-	-	20	0.040
1.1.87) Swashplate Actuator Hose - Organic	-	-	-	-	-	-	-	-	-	-	53	1.801
1.1.88) Swashplate Improvements - Organic	-	-	-	-	-	-	-	-	-	-	180	0.138

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Navy								Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0590 - V-22 (Tilt/Rotor Acft) Osprey				Modification Nomenclature (<i>Modification Title, Modification Number</i>): MV-22 Correction of Deficiencies and Pre Block A Through C (OSIP 022-01) - 1					
Models of Systems Affected: V-22 Series				Type Modification: Safety, Reliability, Increased Service Life, Improved Mission Capability				Related RDT&E PEs: 0604262N					
Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
1.1.89) TAGB Mounting Hardware - Organic	-	-	-	-	-	-	-	-	-	-	54	0.447	
1.1.90) Traffic Collision Avoidance System (TCAS) - Organic	-	-	-	-	-	-	-	-	-	-	38	4.800	
1.1.91) Trailing Edge Gussets - Organic	-	-	-	-	-	-	-	-	-	-	552	0.049	
1.1.92) Troop Seats - Organic	-	-	-	-	-	-	-	-	-	-	44	4.805	
1.1.93) Upper Main Cabin Door - NonOrganic	-	-	-	-	-	-	-	-	-	-	30	2.666	
1.1.94) Wiring Harnesses - Organic	-	-	-	-	-	-	-	-	-	-	63	6.341	
<i>Subtotal Recurring</i>		53.724		45.136		48.551		43.050		136.456		707.195	
NonRecurring													
1.2.1) Installation Kits N/R - Organic	-	-	-	0.260	-	-	-	-	-	-	-	76.150	
<i>Subtotal NonRecurring</i>		0.000		0.260		0.000		0.000		0.000		76.150	
B Kits													
Recurring													
2.1.1) EMI Hardened Proximity Sensors B Kits - NonOrganic	-	-	-	-	-	-	-	-	-	-	12	0.317	
2.1.2) OCO Readiness B Kits - Organic	-	-	-	-	-	-	-	-	-	-	50	3.168	
2.1.3) Swashplate Improvements B Kits - Organic	-	-	-	-	-	-	-	-	-	-	10	0.296	
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		3.781	
NonRecurring													
2.2.1) Installation Equipment N/R - Organic	-	-	-	-	-	-	-	-	-	-	-	0.577	
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		0.577	
<i>Total, MV-22 Correction of Deficiencies and Pre Block A Through C (OSIP 022-01)</i>	125	53.724	105	45.396	57	48.551	82	43.050	183	136.456	7,857	787.703	
<i>Total, All Modifications</i>		53.724		45.396		48.551		43.050		136.456		787.703	
Support													
3.1) Engineering Change Orders	-	-	-	-	-	-	-	-	-	-	-	-	
3.2) Data	-	0.015	-	0.015	-	-	-	-	-	-	-	1.429	
3.3) Training Equipment	-	13.659	-	4.240	-	2.494	-	4.765	-	117.044	7	284.618	
3.4) Support Equipment	-	2.017	-	0.023	-	-	-	-	-	-	-	4.339	

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0590 - V-22 (Tilt/Rotor Acft) Osprey	Modification Nomenclature (<i>Modification Title, Modification Number</i>): MV-22 Correction of Deficiencies and Pre Block A Through C (OSIP 022-01) - 1

Models of Systems Affected: V-22 Series	Type Modification: Safety, Reliability, Increased Service Life, Improved Mission Capability	Related RDT&E PEs: 0604262N
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
3.5) ILS	-	-	-	-	-	-	-	-	-	-	-	6.649
3.6) Other Support	-	8.519	-	8.718	-	8.993	-	9.281	-	-	-	59.309
3.7) Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	-
Total Support Cost		24.210		12.996		11.487		14.046		117.044		356.344
Procurement Cost (Procurement + Support)		77.934		58.392		60.038		57.096		253.500		1,144.047
Total Installation Cost		2.830		3.408		2.658		2.545		1.400		61.191
Total Cost (Procurement + Support + Installation)		80.764		61.800		62.696		59.641		254.900		1,205.238

Remarks:

Manufacturer Information: MV-22 Correction of Deficiencies and Pre Block A Through C (OSIP 022-01)

Manufacturer Name: Various	Manufacturer Location: Various
Administrative Leadtime (in Months): 0	Production Leadtime (in Months): 0

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates							
Delivery Dates							

Installation: MV-22 Correction of Deficiencies and Pre Block A Through C (OSIP 022-01)

Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	813	23.989	272	5.743	482	6.310	157	5.327	0	0.000	157	5.327
FY 2011	-	-	-	-	273	2.581	245	2.196	0	0.000	245	2.196
FY 2012	-	-	-	-	4	0.004	55	0.667	0	0.000	55	0.667
FY 2013	-	-	-	-	-	-	45	0.308	0	0.000	45	0.308
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1		P-1 Line Item Nomenclature: 0590 - V-22 (Tilt/Rotor Acft) Osprey
Models of Systems Affected: V-22 Series		Modification Nomenclature (Modification Title, Modification Number): MV-22 Correction of Deficiencies and Pre Block A Through C (OSIP 022-01) - 1
Type Modification: Safety, Reliability, Increased Service Life, Improved Mission Capability		Related RDT&E PEs: 0604262N

Installation: MV-22 Correction of Deficiencies and Pre Block A Through C (OSIP 022-01)	Method of Implementation: Method	Installation Name: 022-01 Installs
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	813	23.989	272	5.743	759	8.895	502	8.498	0	0.000	502	8.498

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	8	0.063	8	0.065	1	0.008	-	-	-	-	1,741	41.505
FY 2011	38	0.747	-	-	-	-	-	-	-	-	556	5.524
FY 2012	47	0.753	20	0.487	-	-	-	-	-	-	126	1.911
FY 2013	41	1.260	-	-	-	-	-	-	-	-	86	1.568
FY 2014	7	0.007	35	2.850	-	-	-	-	-	-	42	2.857
FY 2015	-	-	6	0.006	34	2.650	-	-	-	-	40	2.656
FY 2016	-	-	-	-	-	-	31	2.545	-	-	31	2.545
FY 2017	-	-	-	-	-	-	-	-	4	1.400	4	1.400
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	141	2.830	69	3.408	35	2.658	31	2.545	4	1.400	2,626	59.966

Installation Schedule																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	813	68	68	68	68	183	189	192	195	122	126	126	128	32	34	38	37	16	16	18	19	9	8	9	9	8	8	8	7	4	2,626
Out	813	68	68	68	68	183	189	192	195	122	126	126	128	32	34	38	37	16	16	18	19	9	8	9	9	8	8	8	7	4	2,626

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0590 - V-22 (Tilt/Rotor Acft) Osprey	Modification Nomenclature (<i>Modification Title, Modification Number</i>): MV-22 Correction of Deficiencies and Pre Block A Through C (OSIP 022-01) - 1
Models of Systems Affected: V-22 Series	Type Modification: Safety, Reliability, Increased Service Life, Improved Mission Capability	Related RDT&E PEs: 0604262N

Installation: MV-22 Correction of Deficiencies and Pre Block A Through C (OSIP 022-01)	Method of Implementation: Method	Installation Name: Training Equipment Installs
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	7	1.225	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	7	1.225	-	-	-	-	-	-	-	-	-	-

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	7	1.225
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	7	1.225

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Exhibit P-3A, Individual Modification: PB 2013 Navy																							Date: February 2012								
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1										P-1 Line Item Nomenclature: 0590 - V-22 (Tilt/Rotor Acft) Osprey										Modification Nomenclature (<i>Modification Title, Modification Number</i>): MV-22 Correction of Deficiencies and Pre Block A Through C (OSIP 022-01) - 1											
Models of Systems Affected: V-22 Series										Type Modification: Safety, Reliability, Increased Service Life, Improved Mission Capability										Related RDT&E PEs: 0604262N											
Installation: MV-22 Correction of Deficiencies and Pre Block A Through C (OSIP 022-01)										Method of Implementation: Method										Installation Name: Training Equipment Installs											
Installation Schedule																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7
Out	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7
Installation: MV-22 Correction of Deficiencies and Pre Block A Through C (OSIP 022-01)										Method of Implementation: Organic - Additional Force & Drive Rate Output for TCL										Installation Quantity: 39											
Installation: MV-22 Correction of Deficiencies and Pre Block A Through C (OSIP 022-01)										Method of Implementation: Organic - Aerojet Fire Suppressors Revision										Installation Quantity: 48											
Installation: MV-22 Correction of Deficiencies and Pre Block A Through C (OSIP 022-01)										Method of Implementation: Organic - Air Cycle Machine Filtration										Installation Quantity: 66											
Installation: MV-22 Correction of Deficiencies and Pre Block A Through C (OSIP 022-01)										Method of Implementation: Organic - Air Cycle Machine Filtration GWOT										Installation Quantity: 46											
Installation: MV-22 Correction of Deficiencies and Pre Block A Through C (OSIP 022-01)										Method of Implementation: Organic - ALE-47 Improvements Baseline										Installation Quantity: 5											
Installation: MV-22 Correction of Deficiencies and Pre Block A Through C (OSIP 022-01)										Method of Implementation: Organic - BDD Chassis Redesign										Installation Quantity: 91											
Installation: MV-22 Correction of Deficiencies and Pre Block A Through C (OSIP 022-01)										Method of Implementation: Organic - BDD Chassis Redesign Spares Labor										Installation Quantity: 10											
Installation: MV-22 Correction of Deficiencies and Pre Block A Through C (OSIP 022-01)										Method of Implementation: Organic - BFT II Block B										Installation Quantity: 116											

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0590 - V-22 (Tilt/Rotor Acft) Osprey	Modification Nomenclature (<i>Modification Title, Modification Number</i>): MV-22 Correction of Deficiencies and Pre Block A Through C (OSIP 022-01) - 1
Models of Systems Affected: V-22 Series	Type Modification: Safety, Reliability, Increased Service Life, Improved Mission Capability	Related RDT&E PEs: 0604262N
Installation: MV-22 Correction of Deficiencies and Pre Block A Through C (OSIP 022-01)	Method of Implementation: Organic - Block A to B GFE	Installation Quantity: 15
Installation: MV-22 Correction of Deficiencies and Pre Block A Through C (OSIP 022-01)	Method of Implementation: Organic - Cargo Nets and Pulleys Mission Kit	Installation Quantity: 98
Installation: MV-22 Correction of Deficiencies and Pre Block A Through C (OSIP 022-01)	Method of Implementation: Organic - Climb Dive Valve	Installation Quantity: 28
Installation: MV-22 Correction of Deficiencies and Pre Block A Through C (OSIP 022-01)	Method of Implementation: Organic - Day Heads Up Display	Installation Quantity: 144
Installation: MV-22 Correction of Deficiencies and Pre Block A Through C (OSIP 022-01)	Method of Implementation: Organic - DDMS/DEU	Installation Quantity: 9
Installation: MV-22 Correction of Deficiencies and Pre Block A Through C (OSIP 022-01)	Method of Implementation: Organic - ECU Water Spray Design	Installation Quantity: 57
Installation: MV-22 Correction of Deficiencies and Pre Block A Through C (OSIP 022-01)	Method of Implementation: Organic - Engine Air Particle Separator Blower Bearing Shaft	Installation Quantity: 558
Installation: MV-22 Correction of Deficiencies and Pre Block A Through C (OSIP 022-01)	Method of Implementation: Organic - Enhanced Crash Survivable Memory Unit	Installation Quantity: 59
Installation: MV-22 Correction of Deficiencies and Pre Block A Through C (OSIP 022-01)	Method of Implementation: Organic - FLIR Firmware Improvements	Installation Quantity: 26
Installation: MV-22 Correction of Deficiencies and Pre Block A Through C (OSIP 022-01)	Method of Implementation: Organic - Fuel System Changes	Installation Quantity: 82
Installation: MV-22 Correction of Deficiencies and Pre Block A Through C (OSIP 022-01)	Method of Implementation: Organic - Full Authority Digital Engine Controller	Installation Quantity: 20
Installation: MV-22 Correction of Deficiencies and Pre Block A Through C (OSIP 022-01)	Method of Implementation: Organic - FWD Engine Air Bleed	Installation Quantity: 27

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0590 - V-22 (Tilt/Rotor Acft) Osprey	Modification Nomenclature (<i>Modification Title, Modification Number</i>): MV-22 Correction of Deficiencies and Pre Block A Through C (OSIP 022-01) - 1
Models of Systems Affected: V-22 Series	Type Modification: Safety, Reliability, Increased Service Life, Improved Mission Capability	Related RDT&E PEs: 0604262N
Installation: MV-22 Correction of Deficiencies and Pre Block A Through C (OSIP 022-01)	Method of Implementation: Organic - Gen 5 Radio ARC 210	Installation Quantity: 70
Installation: MV-22 Correction of Deficiencies and Pre Block A Through C (OSIP 022-01)	Method of Implementation: Organic - GPS Repeater for Troop Commander Blk B GWOT	Installation Quantity: 24
Installation: MV-22 Correction of Deficiencies and Pre Block A Through C (OSIP 022-01)	Method of Implementation: Organic - ICDS	Installation Quantity: 130
Installation: MV-22 Correction of Deficiencies and Pre Block A Through C (OSIP 022-01)	Method of Implementation: Organic - Ice Protection Blk B Heater Blades	Installation Quantity: 143
Installation: MV-22 Correction of Deficiencies and Pre Block A Through C (OSIP 022-01)	Method of Implementation: Organic - Interim CDD Spares Install Labor	Installation Quantity: 22
Installation: MV-22 Correction of Deficiencies and Pre Block A Through C (OSIP 022-01)	Method of Implementation: Organic - Interim Defense Weapon System	Installation Quantity: 64
Installation: MV-22 Correction of Deficiencies and Pre Block A Through C (OSIP 022-01)	Method of Implementation: Organic - Interim Defense Weapon System GFE	Installation Quantity: 12
Installation: MV-22 Correction of Deficiencies and Pre Block A Through C (OSIP 022-01)	Method of Implementation: Organic - Interior Handholds	Installation Quantity: 66
Installation: MV-22 Correction of Deficiencies and Pre Block A Through C (OSIP 022-01)	Method of Implementation: Organic - JATAS	Installation Quantity: 148
Installation: MV-22 Correction of Deficiencies and Pre Block A Through C (OSIP 022-01)	Method of Implementation: Organic - KVADR	Installation Quantity: 89
Installation: MV-22 Correction of Deficiencies and Pre Block A Through C (OSIP 022-01)	Method of Implementation: Organic - KVADR GFE	Installation Quantity: 72

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0590 - V-22 (Tilt/Rotor Acft) Osprey	Modification Nomenclature (<i>Modification Title, Modification Number</i>): MV-22 Correction of Deficiencies and Pre Block A Through C (OSIP 022-01) - 1
Models of Systems Affected: V-22 Series	Type Modification: Safety, Reliability, Increased Service Life, Improved Mission Capability	Related RDT&E PEs: 0604262N
Installation: MV-22 Correction of Deficiencies and Pre Block A Through C (OSIP 022-01)	Method of Implementation: Organic - Life Raft	Installation Quantity: 3
Installation: MV-22 Correction of Deficiencies and Pre Block A Through C (OSIP 022-01)	Method of Implementation: Organic - MV Troop Commander Station	Installation Quantity: 60
Installation: MV-22 Correction of Deficiencies and Pre Block A Through C (OSIP 022-01)	Method of Implementation: Organic - Nacelle Clamshell Door Hinge Halfs	Installation Quantity: 94
Installation: MV-22 Correction of Deficiencies and Pre Block A Through C (OSIP 022-01)	Method of Implementation: Organic - Night V Goggle Head-Up Display SDC	Installation Quantity: 10
Installation: MV-22 Correction of Deficiencies and Pre Block A Through C (OSIP 022-01)	Method of Implementation: Organic - Nose Landing Gear Door Mech Improvements	Installation Quantity: 49
Installation: MV-22 Correction of Deficiencies and Pre Block A Through C (OSIP 022-01)	Method of Implementation: Organic - O2N2 Concentrator	Installation Quantity: 43
Installation: MV-22 Correction of Deficiencies and Pre Block A Through C (OSIP 022-01)	Method of Implementation: Organic - OCO Readiness COANDA	Installation Quantity: 118
Installation: MV-22 Correction of Deficiencies and Pre Block A Through C (OSIP 022-01)	Method of Implementation: Organic - OCO Readiness	Installation Quantity: 20
Installation: MV-22 Correction of Deficiencies and Pre Block A Through C (OSIP 022-01)	Method of Implementation: Organic - Plugs & Covers	Installation Quantity: 21
Installation: MV-22 Correction of Deficiencies and Pre Block A Through C (OSIP 022-01)	Method of Implementation: Organic - Ramp Mounted Weapon System	Installation Quantity: 161
Installation: MV-22 Correction of Deficiencies and Pre Block A Through C (OSIP 022-01)	Method of Implementation: Organic - Ramp Mounted Weapon System Amo Storage Rack Assembly	Installation Quantity: 20
Installation: MV-22 Correction of Deficiencies and Pre Block A Through C (OSIP 022-01)	Method of Implementation: Organic - Ramp Mounted Weapon System Swing Arm Bolt	Installation Quantity: 20

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0590 - V-22 (Tilt/Rotor Acft) Osprey	Modification Nomenclature (<i>Modification Title, Modification Number</i>): MV-22 Correction of Deficiencies and Pre Block A Through C (OSIP 022-01) - 1
Models of Systems Affected: V-22 Series	Type Modification: Safety, Reliability, Increased Service Life, Improved Mission Capability	Related RDT&E PEs: 0604262N
Installation: MV-22 Correction of Deficiencies and Pre Block A Through C (OSIP 022-01)	Method of Implementation: Organic - Readiness Kits	Installation Quantity: 60
Installation: MV-22 Correction of Deficiencies and Pre Block A Through C (OSIP 022-01)	Method of Implementation: Organic - Readiness LRSV Pressure Switch	Installation Quantity: 50
Installation: MV-22 Correction of Deficiencies and Pre Block A Through C (OSIP 022-01)	Method of Implementation: Organic - Retractable Refueling Probe	Installation Quantity: 4
Installation: MV-22 Correction of Deficiencies and Pre Block A Through C (OSIP 022-01)	Method of Implementation: Organic - SDC Duct Leak Switch Set Point	Installation Quantity: 19
Installation: MV-22 Correction of Deficiencies and Pre Block A Through C (OSIP 022-01)	Method of Implementation: Organic - Slim MFD	Installation Quantity: 95
Installation: MV-22 Correction of Deficiencies and Pre Block A Through C (OSIP 022-01)	Method of Implementation: Organic - Suction Lift Pump	Installation Quantity: 20
Installation: MV-22 Correction of Deficiencies and Pre Block A Through C (OSIP 022-01)	Method of Implementation: Organic - Swashplate Actuator Hose	Installation Quantity: 53
Installation: MV-22 Correction of Deficiencies and Pre Block A Through C (OSIP 022-01)	Method of Implementation: Organic - Swashplate Improvements	Installation Quantity: 180
Installation: MV-22 Correction of Deficiencies and Pre Block A Through C (OSIP 022-01)	Method of Implementation: Organic - TAGB Mounting Hardware	Installation Quantity: 54
Installation: MV-22 Correction of Deficiencies and Pre Block A Through C (OSIP 022-01)	Method of Implementation: Organic - Traffic Collision Avoidance System (TCAS)	Installation Quantity: 38
Installation: MV-22 Correction of Deficiencies and Pre Block A Through C (OSIP 022-01)	Method of Implementation: Organic - Trailing Edge Gussets	Installation Quantity: 552

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0590 - V-22 (Tilt/Rotor Acft) Osprey	Modification Nomenclature <i>(Modification Title, Modification Number):</i> MV-22 Correction of Deficiencies and Pre Block A Through C (OSIP 022-01) - 1
Models of Systems Affected: V-22 Series	Type Modification: Safety, Reliability, Increased Service Life, Improved Mission Capability	Related RDT&E PEs: 0604262N
Installation: MV-22 Correction of Deficiencies and Pre Block A Through C (OSIP 022-01)	Method of Implementation: Organic - Troop Seats	Installation Quantity: 44
Installation: MV-22 Correction of Deficiencies and Pre Block A Through C (OSIP 022-01)	Method of Implementation: Organic - Wiring Harnesses	Installation Quantity: 63
Installation: MV-22 Correction of Deficiencies and Pre Block A Through C (OSIP 022-01)	Method of Implementation: Organic - OCO Readiness B Kits	Installation Quantity: 50
Installation: MV-22 Correction of Deficiencies and Pre Block A Through C (OSIP 022-01)	Method of Implementation: Organic - Swashplate Improvements B Kits	Installation Quantity: 10

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Exhibit P-3A, Individual Modification: PB 2013 Navy								Date: February 2012				
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1				P-1 Line Item Nomenclature: 0590 - V-22 (Tilt/Rotor Acft) Osprey				Modification Nomenclature (<i>Modification Title, Modification Number</i>): MV-22 Readiness (OSIP 028-12) - 2				
Models of Systems Affected: V-22 Series			Type Modification: Reliability, Cost-per-flight hour, Reduction in Total Ownership cost				Related RDT&E PEs: 0604262N					

Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	0.000	0.000	43.000	52.705	0.000	52.705	80.116	90.600	75.551	100.551	83.970	526.493
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	0.000	0.000	43.000	52.705	0.000	52.705	80.116	90.600	75.551	100.551	83.970	526.493
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	0.000	0.000	43.000	52.705	0.000	52.705	80.116	90.600	75.551	100.551	83.970	526.493

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

This OSIP is established for the correction of readiness degraders impacting MV-22 cost per flight hour, reliability maintainability and availability (RM&A), obsolescence, and reduction of life-cycle costs. These modifications will be accomplished by field retrofit and implemented to coincide with resources and aircraft availability. In order to meet the goal of increasing readiness, the airframe and integrated systems must be modified as critical RM&A issues are identified. Funds will be used to manage, prepare, process and incorporate Engineering Change Proposals (ECP).

13 Wiring Harness: Improve harness reliability by reducing higher than expected failures due to chafing in the backshells and external environmental effects.

7 Wiring Harness: Improve proposed harnesses reliability by two times. This Change will create Retrofit Kits to implement changes that were made by PCAs 901P0872 and 901P0875.

Swash plate actuator: To improve cup seal leakage issues.

Flaperon actuator: To correct the failure mode of seal leakage due to piston rod corrosion.

Pylon Conversion actuator Upgrade: To reduce corrosion of the ball screw assembly and mechanical damage to the ball screw soft-stop assemblies.

Drive Tube: This effort will redesign drive tube which will eliminate an O level recurring inspection as it will decrease stresses at the lower end without affecting the interface with the mast.

Local and Remote Shutoff Valve (LRSV) Pressure Switch: Will correct the following failure modes: microswitch plunger overtravel, and various qual test anomalies.

Infra-red Suppressor (IRS) Block A Removal: Eliminate some IRS components while maintaining structural support, coanda mounting points and vibration requirements.

Vibration Structural Live Engine Diagnostic, Drive System Interface Unit, Fuel Management Unit (VSLED/DSIU/FMU) Implements changes to internal component parts that address parts obsolescence issues and improves.

Ice Protection System: Strengthens component parts which have been prone to stress failures or fraying, Central De-ice Device and Nacelle Ice Protection Control Unit / Master Ice Protection Controller.

Prop Rotor Coating: To better protect the rotor blade aiding in its longer use before needing replacement.

Auxiliary Power Unit (APU-105) Upgrades: Incorporation provides for improved reliability and configuration commonality for APU.

Engine Air Particle Separator (EAPS): Start Valve Block A/B/10 Improvements to the Start Circuit side of the EAPS Start Valve Module, will provide for increase reliability.

IRS Centerbody One of the top CILR degraders. An improved design was developed to upgrade the existing units for greater reliability.

Lower Nacelle System readiness degraders, to reduce cost per flight hour on the lower nacelle.

LNS/IEAS EAPS (Engine Air Particle Separator) that would be retrofitted for the fleet. Components with greatest impact to time on wing for engine, via improved particulate separation and removal.

Nacelle Airflow Particle Separator Provide particulate separation and greatly reduce particulate contamination of heat exchanger.

Coanda Deflector Tubes Cost Reduction Initiative to change the angle of exhaust deflector tubes to better deflect the exhaust away from the aircraft.

Constant Frequency Generator (CFG) TAGB Adapter: Modify the CFG-TAGB adapter to allow a modified CFG, to utilize the TAGB internal oil/air mixture to increase CFG scavenge pump efficiency.

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0590 - V-22 (Tilt/Rotor Acft) Osprey	Modification Nomenclature <i>(Modification Title, Modification Number):</i> MV-22 Readiness (OSIP 028-12) - 2
Models of Systems Affected: V-22 Series	Type Modification: Reliability, Cost-per-flight hour, Reduction in Total Ownership cost	Related RDT&E PEs: 0604262N
<p>Avionics Bay Interface Unit (ABIU/Pressure Switch Interface Unit) allows real time monitoring of electrical loading on various generators and power busses, improving management in high workload to reduce replacement costs.</p> <p>Clam Shell Doors: improving doors to reduce maintainance.</p> <p>CFG Redesign of the constant frequency generator to significantly improve the reliability and maintainability while reducing the overall A/C cost.</p> <p>Nacelle Blower Redesign Effort will address permanent solution to current failure modes: tip rub issue, increase stall margin, increase sand tolerance, increase corrosion resistance in bearings.</p> <p>Nacelle Upper Improvements modifications related to component cooling, environmental protection, equipment accessibility, gearbox assemblies, power plant conversion to the proprotor, and shaft systems.</p> <p>Improved Lower Nacelle takes advantage of improvements in 3-D computer modeling developed over last 3 decades. Reduced ingestions and FODs.</p> <p>E-Blowers to Increase particle separation efficiency, improve airflow, incorporate electric blower subsystem to increase blower scavenge flow and remove hydraulic lines from lower nacelle.</p> <p>VFG 115 is a suitable substitute for the -117 to reduce flight costs.</p> <p>Overtorque correction to failures associated with Input quill/clutch assembly Modification of the Prop Rotor Gear Box (PRGB) Gear Train Mast, Input Quill Housing, Clutch, and Engine to improve reliability.</p> <p>Drive System Improvement Input Quill Wavespring: To eliminate resident issues with Input Quill Wave Spring and to Purge Fleet of Thin Densed Chrome (TDC).</p> <p>Pressure Shut Off Valve: Mod to prevent valve from becoming unstable or closing resulting in tank not giving fuel up for defuel operation or transfer.</p> <p>AC Bus Tie Circuit Reliability Improvement to provide the ability to power all buses with a battery start of the Auxiliary Power Unit (APU) in the presence of a failed Regulated Converter.</p> <p>Sponson refuel-defuel valve: Decreased air ingestion by improving internal components to resist vibration during engine operation.</p> <p>Nacelle Door Hook Latch Increase Nacelle door panel access and reliability, enabling improved maintainability, modification will improve R&M of work platforms and access panels to the Nacelle assembly by fleet and depot maintainers.</p> <p>Nacelle Wiring OCO: to reduce cost per flight hour on various wiring units within the nacelles.</p> <p>Wing Aux Tank refuel-defuel valve: Mod to valve to decrease air ingestion.</p> <p>Landing Gear Control Unit: improvement to circuit cards to better control electricity to control unit.</p> <p>Primary Lighting Control Unit: increase resistor control to primary lighting to prevent burn outs to control unit.</p> <p>Rescue Hoist Hook: improved hook units for hoisting abilities.</p> <p>Nacelle STA 400 Air Baffle Cracking: upgrading baffle to ensure correct air flow at 400 station in Nacelle.</p> <p>Rudder Attachment Reliability Improvement: upgrade to bearings associated with the rear rudder.</p> <p>Improved Slip Ring Assembly to Increase mean time between failures of swashplate assembly (which encompasses the slip ring assy).</p> <p>Conversion Area Harnesses The Conversion Area ribbon harnesses are significant negative contributors to readiness, with wire harness 962 (W962) and Wire harness 971 (W971) being the 2 highest drivers on the aircraft. Ribbon harnesses fail due to environmental factors and tight bend radius in this area.</p> <p>Upper and Lower Rod Ends Redesign to prevent excessive wear from normal proprotor operation.</p> <p>Maintainer Strut Redesign the maintainer door will be made as an aluminum machining, and have the final end item assembly be procured as one end item.</p> <p>Engine Oil Door redesign and relocation of hinges and latches to minimize structural loads and increase longevity of the doors.</p> <p>Wash Door redesign and relocation of hinges and latches to minimize structural loads and increase longevity of the doors.</p> <p>Anti-Drive Joint Improve time to remove the anti-drive assembly and eliminate FOD ingestion in the clearance hole in machined cavity of base assy between the two bushings.</p> <p>Hub Improvements Reliability & Maintainability improvements made to the prop-rotor hub.</p> <p>Windshield Kits Coatings/redesign to eliminate the failure modes of cracking and hazing.</p> <p>Gimbal Assembly Increase mean time between failures of the swashplate and hub assembly (which includes the gimbal assembly).</p> <p>TCAS UUNS - implementing an interim Traffic & Collision Avoidance System (TCAS) in MV-22 to meet Urgent Universal Need Statement (UUNS) requirement approved by MROC in DEC 2010 - will enhance safety and situational awareness.</p> <p>MWOD Loading Capability - Multiple Word on Display replaces lengthy process of manual paper tapes currently being used in the field; MWOD allows electronic loading of data into the ARC-210 radios for a quicker, more accurate process.</p> <p>SDC ROR This effort will reconfigure material to class 2, change 6-1 configuration.</p>		

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0590 - V-22 (Tilt/Rotor Acft) Osprey	Modification Nomenclature <i>(Modification Title, Modification Number):</i> MV-22 Readiness (OSIP 028-12) - 2
Models of Systems Affected: V-22 Series	Type Modification: Reliability, Cost-per-flight hour, Reduction in Total Ownership cost	Related RDT&E PEs: 0604262N
<p>Non-Integrated LOS VMF - Cockpit and Troop Commander upgrades to enable two way messaging of Line-of-Sight Variable Message Format (LOS VMF) (aka Strikelink). Data will include text and imagery. Also addition of video send/receive capability to receive sensor video from other Marine ACE, Joint Forces, or UAV platforms. This capability also includes the ability to broadcast V-22 sensor or display video to other platforms.</p> <p>MCAS/ACAS - (Midair Conflict Avoidance System/Airborne Collision Avoidance System Long-term solution for Airborne Collision Avoidance to improve survivability by providing warning of impending mid-air collisions. APX-123 Replaces the APX-118 IFF transponder with the required MODE 5 capable APX-123 transponder.</p> <p>HPA/LNA - Block C adds a new SATCOM antenna to the V-22, with input jacks available on the Block C Troop Commander panel.</p> <p>Inlet Scroll Time On Wing Improvement Program will complement engine durability improvements by more than 50%, reducing operating costs and improving component reliability and reduce system maintenance.</p> <p>Drive System components Incorporate seals on the drive system components to prevent corrosion and early replacement.</p> <p>Drag Pin and Link Improvements redesign pin and links to improve durability.</p> <p>Auxiliary Power Unit components to have an electric starter, which will reduce costs for APU replacement components.</p> <p>Fuel cell components Redesign boost pumps to increase readiness.</p> <p>Rain Removal System improved forward flight rain removal to decrease rusting parts.</p> <p>Rotor Blade improvements for permanent solution to high replacement costs.</p> <p>Search & Rescue Light to incorporate a Visible/IR light that lasts longer.</p> <p>Thrust Control Lever Grip to make switches more durable.</p>		

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0590 - V-22 (Tilt/Rotor Acft) Osprey	Modification Nomenclature (<i>Modification Title, Modification Number</i>): MV-22 Readiness (OSIP 028-12) - 2
Models of Systems Affected: V-22 Series	Type Modification: Reliability, Cost-per-flight hour, Reduction in Total Ownership cost	Related RDT&E PEs: 0604262N

Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
MV-22 Readiness (OSIP 028-12)												
A Kits												
Recurring												
1.1.1) 13 Wiring Harness - NonOrganic	-	-	-	-	51	2.040	47	1.880	-	-	47	1.880
1.1.2) 7 Wiring Harness - Organic	-	-	-	-	41	1.312	-	-	-	-	-	-
1.1.3) Swashplate Actuator - Organic	-	-	-	-	25	2.075	-	-	-	-	-	-
1.1.4) Flaperon Actuator - Organic	-	-	-	-	25	0.500	-	-	-	-	-	-
1.1.5) Pylon Conversion Actuator - NonOrganic	-	-	-	-	-	-	29	6.525	-	-	29	6.525
1.1.6) Drive Tube - NonOrganic	-	-	-	-	-	-	29	0.638	-	-	29	0.638
1.1.7) Prop Rotor Coating - NonOrganic	-	-	-	-	220	0.220	220	0.220	-	-	220	0.220
1.1.8) LRSV Pressure Switch - Organic	-	-	-	-	50	0.390	2	0.016	-	-	2	0.016
1.1.9) Improved Slip Ring Assembly - NonOrganic	-	-	-	-	-	-	29	3.190	-	-	29	3.190
1.1.10) Gimbal Assembly - NonOrganic	-	-	-	-	-	-	29	0.365	-	-	29	0.365
1.1.11) Conversion Area Harnesses - NonOrganic	-	-	-	-	-	-	21	0.840	-	-	21	0.840
1.1.12) Upper and Lower Rod Ends - NonOrganic	-	-	-	-	-	-	29	2.610	-	-	29	2.610
1.1.13) Maintainer Strut - NonOrganic	-	-	-	-	-	-	29	0.116	-	-	29	0.116
1.1.14) Engine Oil Door - NonOrganic	-	-	-	-	-	-	29	0.087	-	-	29	0.087
1.1.15) Engine Wash Door - NonOrganic	-	-	-	-	-	-	29	0.058	-	-	29	0.058
1.1.16) Anti-Drive Joint - NonOrganic	-	-	-	-	-	-	10	0.001	-	-	10	0.001
1.1.17) Hub Improvements - NonOrganic	-	-	-	-	-	-	10	0.001	-	-	10	0.001
1.1.18) STA 400 Air Baffle Cracking - NonOrganic	-	-	-	-	-	-	-	-	-	-	-	-
1.1.19) Windshield Kits - NonOrganic	-	-	-	-	-	-	38	1.254	-	-	38	1.254
1.1.20) IRS Block A Removal - Organic	-	-	-	-	-	-	-	-	-	-	-	-
1.1.21) APU-105 - Organic	-	-	-	-	-	-	1	0.031	-	-	1	0.031
1.1.23) VSLED/DSIU/FMU Reliability Improvements Retrofit - NonOrganic	-	-	-	-	-	-	5	2.100	-	-	5	2.100
1.1.24) IPS (CDD) - NonOrganic	-	-	-	-	39	7.917	52	10.556	-	-	52	10.556

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0590 - V-22 (Tilt/Rotor Acft) Osprey	Modification Nomenclature (<i>Modification Title, Modification Number</i>): MV-22 Readiness (OSIP 028-12) - 2

Models of Systems Affected: V-22 Series	Type Modification: Reliability, Cost-per-flight hour, Reduction in Total Ownership cost	Related RDT&E PEs: 0604262N
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
1.1.25) IPS (MIPC/NIPCU) - NonOrganic	-	-	-	-	39	5.889	34	5.134	-	-	34	5.134
1.1.26) Pressure Shut Off Valve - NonOrganic	-	-	-	-	135	1.350	-	-	-	-	-	-
1.1.27) Sponson Refuel-Defuel Valve - Organic	-	-	-	-	40	1.311	2	0.066	-	-	2	0.066
1.1.29) Lower Nacelle Improvements - Organic	-	-	-	-	-	-	-	-	-	-	-	-
1.1.30) Nacelle Wiring OCO - Organic	-	-	-	-	20	13.000	-	-	-	-	-	-
1.1.31) Nacelle Upper Improvements - Organic	-	-	-	-	-	-	-	-	-	-	-	-
1.1.32) Inlet Scroll TOWIP - Organic	-	-	-	-	-	-	-	-	-	-	-	-
1.1.33) Wing Aux Tank Refuel-Defuel Valve - Organic	-	-	-	-	-	-	2	0.080	-	-	2	0.080
1.1.34) Clam Shell Door - Organic	-	-	-	-	-	-	-	-	-	-	-	-
1.1.36) Landing Gear Control Unit - Organic	-	-	-	-	-	-	2	0.036	-	-	2	0.036
1.1.37) PCLU Retrofit - Organic	-	-	-	-	-	-	6	0.010	-	-	6	0.010
1.1.39) Rescue Hoist Hook - Organic	-	-	-	-	-	-	-	-	-	-	-	-
1.1.40) Rudder Attachment Reliability Improvement - NonOrganic	-	-	-	-	-	-	66	0.890	-	-	66	0.890
1.1.41) CFG Redesign - Organic	-	-	-	-	-	-	-	-	-	-	-	-
1.1.42) CFG TAGB Adapter Mod - Organic	-	-	-	-	-	-	114	0.125	-	-	114	0.125
1.1.43) COANDA Deflector Tubes - NonOrganic	-	-	-	-	-	-	-	-	-	-	-	-
1.1.44) AC Bus Tie Circuit Reliability Improvement - NonOrganic	-	-	-	-	24	1.000	100	2.000	-	-	100	2.000
1.1.45) Drive System Imp Input Quill Wavespring - NonOrganic	-	-	-	-	19	0.100	19	0.100	-	-	19	0.100
1.1.46) SDC Class 2 Force Delta Kits - Organic	-	-	-	-	-	-	5	0.096	-	-	5	0.096
1.1.47) Avionics Bay Interface Unit/PSIU - NonOrganic	-	-	-	-	-	-	5	0.500	-	-	5	0.500
1.1.48) EAPS Start Valve Block A/B/10 - NonOrganic	-	-	-	-	-	-	41	0.118	-	-	41	0.118
1.1.49) Overtorque Corrective Action - NonOrganic	-	-	-	-	-	-	-	-	-	-	-	-
1.1.50) Nacelle Blower Redesign - NonOrganic	-	-	-	-	-	-	-	-	-	-	-	-
1.1.51) Nacelle Airflow Particle Separator - NonOrganic	-	-	-	-	-	-	-	-	-	-	-	-
1.1.52) APX-123 - NonOrganic	-	-	-	-	-	-	28	0.031	-	-	28	0.031
<i>Subtotal Recurring</i>		<i>0.000</i>		<i>0.000</i>		<i>37.104</i>		<i>39.674</i>		<i>0.000</i>		<i>39.674</i>
NonRecurring												
1.2.1) Installation Kits N/R - Organic	-	-	-	-	-	1.885	-	3.175	-	-	-	3.175

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0590 - V-22 (Tilt/Rotor Acft) Osprey	Modification Nomenclature (<i>Modification Title, Modification Number</i>): MV-22 Readiness (OSIP 028-12) - 2
Models of Systems Affected: V-22 Series	Type Modification: Reliability, Cost-per-flight hour, Reduction in Total Ownership cost	Related RDT&E PEs: 0604262N

Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
<i>Subtotal NonRecurring</i>		0.000		0.000		1.885		3.175		0.000		3.175
<i>Total, MV-22 Readiness (OSIP 028-12)</i>	-	-	-	-	728	38.989	1,062	42.849	-	-	1,062	42.849
<i>Total, All Modifications</i>		0.000		0.000		38.989		42.849		0.000		42.849
Support												
3.1) Engineering Change Orders	-	0.000	-	-	-	-	-	-	-	-	-	-
3.2) Data	-	-	-	-	-	0.270	-	0.443	-	-	-	0.443
3.3) Training Equipment	-	-	-	-	-	0.200	-	1.350	-	-	-	1.350
3.4) Support Equipment	-	0.000	-	-	-	-	-	-	-	-	-	-
3.5) ILS	-	0.000	-	-	-	-	-	-	-	-	-	-
3.6) Other Support	-	-	-	-	-	3.541	-	3.173	-	-	-	3.173
3.7) Interim Contractor Support	-	0.000	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>		0.000		0.000		4.011		4.966		0.000		4.966
<i>Procurement Cost (Procurement + Support)</i>		0.000		0.000		43.000		47.815		0.000		47.815
<i>Total Installation Cost</i>		0.000		0.000		0.000		4.890		0.000		4.890
Total Cost (Procurement + Support + Installation)		0.000		0.000		43.000		52.705		0.000		52.705

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
MV-22 Readiness (OSIP 028-12)												
A Kits												
Recurring												
1.1.1) 13 Wiring Harness - NonOrganic	40	1.600	-	-	-	-	-	-	-	-	138	5.520
1.1.2) 7 Wiring Harness - Organic	-	-	-	-	-	-	-	-	-	-	41	1.312
1.1.3) Swashplate Actuator - Organic	-	-	-	-	-	-	-	-	-	-	25	2.075
1.1.4) Flaperon Actuator - Organic	-	-	-	-	-	-	-	-	-	-	25	0.500
1.1.5) Pylon Conversion Actuator - NonOrganic	29	6.525	29	6.525	29	6.525	29	6.525	6	1.350	151	33.975
1.1.6) Drive Tube - NonOrganic	29	0.638	29	0.638	29	0.638	29	0.638	53	1.166	198	4.356

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0590 - V-22 (Tilt/Rotor Acft) Osprey	Modification Nomenclature (<i>Modification Title, Modification Number</i>): MV-22 Readiness (OSIP 028-12) - 2
Models of Systems Affected: V-22 Series	Type Modification: Reliability, Cost-per-flight hour, Reduction in Total Ownership cost	Related RDT&E PEs: 0604262N

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
1.1.7) Prop Rotor Coating - NonOrganic	220	0.220	60	0.060	-	-	-	-	-	-	720	0.720
1.1.8) LRSV Pressure Switch - Organic	-	-	-	-	-	-	-	-	-	-	52	0.406
1.1.9) Improved Slip Ring Assembly - NonOrganic	10	1.100	29	3.190	29	3.190	29	3.190	-	-	126	13.860
1.1.10) Gimbal Assembly - NonOrganic	10	0.126	29	3.654	29	3.654	29	3.653	53	0.668	179	12.120
1.1.11) Conversion Area Harnesses - NonOrganic	61	2.440	61	2.440	61	2.440	61	2.440	-	-	265	10.600
1.1.12) Upper and Lower Rod Ends - NonOrganic	10	0.900	29	2.610	29	2.610	29	2.610	84	7.560	210	18.900
1.1.13) Maintainer Strut - NonOrganic	29	0.116	29	0.116	29	0.116	29	0.116	84	0.336	229	0.916
1.1.14) Engine Oil Door - NonOrganic	29	0.087	29	0.087	29	0.087	29	0.087	84	0.252	229	0.687
1.1.15) Engine Wash Door - NonOrganic	29	0.058	29	0.058	29	0.058	29	0.058	84	0.168	229	0.458
1.1.16) Anti-Drive Joint - NonOrganic	10	0.001	10	0.001	10	0.001	10	0.001	-	-	50	0.005
1.1.17) Hub Improvements - NonOrganic	10	0.001	10	0.001	10	0.001	10	0.001	-	-	50	0.005
1.1.18) STA 400 Air Baffle Cracking - NonOrganic	29	4.785	29	4.785	29	4.785	29	4.785	133	2.195	249	21.335
1.1.19) Windshield Kits - NonOrganic	38	1.254	38	1.254	38	1.254	38	1.254	29	0.957	219	7.227
1.1.20) IRS Block A Removal - Organic	-	-	-	-	-	-	0	0.000	50	1.000	50	1.000
1.1.21) APU-105 - Organic	-	-	-	-	-	-	-	-	-	-	1	0.031
1.1.23) VSLED/DSIU/FMU Reliability Improvements Retrofit - NonOrganic	10	4.200	25	10.500	25	10.500	30	12.600	-	-	95	39.900
1.1.24) IPS (CDD) - NonOrganic	-	-	-	-	-	-	-	-	-	-	91	18.473
1.1.25) IPS (MIPC/NIPCU) - NonOrganic	-	-	-	-	-	-	-	-	-	-	73	11.023
1.1.26) Pressure Shut Off Valve - NonOrganic	-	-	-	-	-	-	-	-	-	-	135	1.350
1.1.27) Sponson Refuel-Defuel Valve - Organic	40	1.312	40	1.312	40	1.312	-	-	-	-	162	5.313
1.1.29) Lower Nacelle Improvements - Organic	72	18.000	25	6.000	-	-	-	-	-	-	97	24.000
1.1.30) Nacelle Wiring OCO - Organic	-	-	-	-	-	-	-	-	-	-	20	13.000
1.1.31) Nacelle Upper Improvements - Organic	-	-	7	5.330	-	-	-	-	-	-	7	5.330
1.1.32) Inlet Scroll TOWIP - Organic	-	-	-	-	-	-	0	0.000	12	50.000	12	50.000
1.1.33) Wing Aux Tank Refuel-Defuel Valve - Organic	40	1.600	40	1.600	40	1.600	70	2.800	-	-	192	7.680
1.1.34) Clam Shell Door - Organic	-	-	7	6.300	7	6.300	17	15.300	-	-	31	27.900
1.1.36) Landing Gear Control Unit - Organic	48	0.721	22	0.331	-	-	-	-	-	-	72	1.088

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0590 - V-22 (Tilt/Rotor Acft) Osprey	Modification Nomenclature (<i>Modification Title, Modification Number</i>): MV-22 Readiness (OSIP 028-12) - 2
Models of Systems Affected: V-22 Series	Type Modification: Reliability, Cost-per-flight hour, Reduction in Total Ownership cost	Related RDT&E PEs: 0604262N

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
1.1.37) PCLU Retrofit - Organic	-	-	-	-	-	-	-	-	-	-	6	0.010
1.1.39) Rescue Hoist Hook - Organic	-	-	75	4.968	-	-	-	-	-	-	75	4.968
1.1.40) Rudder Attachment Reliability Improvement - NonOrganic	66	0.891	66	0.890	-	-	-	-	-	-	198	2.671
1.1.41) CFG Redesign - Organic	-	-	6	0.909	-	-	-	-	-	-	6	0.909
1.1.42) CFG TAGB Adapter Mod - Organic	-	-	-	-	-	-	-	-	-	-	114	0.125
1.1.43) COANDA Deflector Tubes - NonOrganic	-	-	99	0.990	99	0.990	198	1.980	-	-	396	3.960
1.1.44) AC Bus Tie Circuit Reliability Improvement - NonOrganic	96	1.920	36	0.072	-	-	-	-	-	-	256	4.992
1.1.45) Drive System Imp Input Quill Wavespring - NonOrganic	84	0.442	84	0.442	84	0.442	84	0.442	-	-	374	1.968
1.1.46) SDC Class 2 Force Delta Kits - Organic	-	-	-	-	-	-	-	-	-	-	5	0.096
1.1.47) Avionics Bay Interface Unit/PSIU - NonOrganic	50	5.000	50	5.000	50	5.000	45	4.500	-	-	200	20.000
1.1.48) EAPS Start Valve Block A/B/10 - NonOrganic	60	0.172	22	0.063	16	0.046	-	-	-	-	139	0.399
1.1.49) Overtorque Corrective Action - NonOrganic	-	-	-	-	99	1.485	198	2.970	-	-	297	4.455
1.1.50) Nacelle Blower Redesign - NonOrganic	-	-	-	-	49	2.058	98	4.115	-	-	147	6.173
1.1.51) Nacelle Airflow Particle Separator - NonOrganic	-	-	-	-	49	1.715	98	3.430	-	-	147	5.145
1.1.52) APX-123 - NonOrganic	34	0.038	37	0.041	36	0.040	36	0.040	11	0.012	182	0.202
<i>Subtotal Recurring</i>		54.147		70.167		56.847		73.535		65.664		397.138
NonRecurring												
1.2.1) Installation Kits N/R - Organic	-	7.000	-	0.048	-	0.700	-	-	-	-	-	12.808
<i>Subtotal NonRecurring</i>		7.000		0.048		0.700		0.000		0.000		12.808
<i>Total, MV-22 Readiness (OSIP 028-12)</i>	1,183	61.147	1,081	70.215	974	57.547	1,254	73.535	683	65.664	6,965	409.946
<i>Total, All Modifications</i>		61.147		70.215		57.547		73.535		65.664		409.946
Support												
3.1) Engineering Change Orders	-	-	-	-	-	-	-	-	-	-	-	-
3.2) Data	-	0.255	-	0.270	-	0.607	-	0.200	-	0.579	-	2.624
3.3) Training Equipment	-	2.030	-	5.756	-	2.948	-	7.697	-	-	-	19.981
3.4) Support Equipment	-	-	-	-	-	-	-	-	-	-	-	-
3.5) ILS	-	-	-	-	-	-	-	-	-	-	-	-
3.6) Other Support	-	6.000	-	6.900	-	7.000	-	7.228	-	5.208	-	39.050

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0590 - V-22 (Tilt/Rotor Acft) Osprey	Modification Nomenclature (<i>Modification Title, Modification Number</i>): MV-22 Readiness (OSIP 028-12) - 2

Models of Systems Affected: V-22 Series	Type Modification: Reliability, Cost-per-flight hour, Reduction in Total Ownership cost	Related RDT&E PEs: 0604262N
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
3.7) Interim Contractor Support	-	-	-	-	-	-	-	-	-	-	-	-
Total Support Cost		8.285		12.926		10.555		15.125		5.787		61.655
Procurement Cost (Procurement + Support)		69.432		83.141		68.102		88.660		71.451		471.601
Total Installation Cost		10.684		7.459		7.449		11.891		12.519		54.892
Total Cost (Procurement + Support + Installation)		80.116		90.600		75.551		100.551		83.970		526.493

Remarks:

Manufacturer Information: MV-22 Readiness (OSIP 028-12)

Manufacturer Name: Various	Manufacturer Location: Various
Administrative Leadtime (in Months): 0	Production Leadtime (in Months): 0

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates							
Delivery Dates							

Installation: MV-22 Readiness (OSIP 028-12) **Method of Implementation:** Method **Installation Name:** 028-12 Installs

Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	503	1.762	0	0.000	503	1.762
FY 2013	-	-	-	-	-	-	556	3.128	0	0.000	556	3.128
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	1,059	4.890	0	0.000	1,059	4.890

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0590 - V-22 (Tilt/Rotor Acft) Osprey	Modification Nomenclature (<i>Modification Title, Modification Number</i>): MV-22 Readiness (OSIP 028-12) - 2
Models of Systems Affected: V-22 Series	Type Modification: Reliability, Cost-per-flight hour, Reduction in Total Ownership cost	Related RDT&E PEs: 0604262N

Installation: MV-22 Readiness (OSIP 028-12)	Method of Implementation: Method	Installation Name: 028-12 Installs
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Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	24	0.196	-	-	-	-	-	-	-	-	527	1.958
FY 2013	356	1.361	16	0.112	-	-	-	-	-	-	928	4.601
FY 2014	600	9.127	383	2.031	-	-	-	-	-	-	983	11.158
FY 2015	-	-	629	5.316	230	2.581	-	-	-	-	859	7.897
FY 2016	-	-	-	-	520	4.868	367	3.822	-	-	887	8.690
FY 2017	-	-	-	-	-	-	992	8.069	175	8.771	1,167	16.840
To Complete	-	-	-	-	-	-	-	-	621	3.748	621	3.748
Total	980	10.684	1,028	7.459	750	7.449	1,359	11.891	796	12.519	5,972	54.892

Installation Schedule																														
APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	-	-	-	-	265	267	259	268	242	244	242	252	253	253	256	266	183	183	187	197	332	333	340	354	796	5,972
Out	-	-	-	-	-	-	-	-	265	267	259	268	242	244	242	252	253	253	256	266	183	183	187	197	332	333	340	354	796	5,972

Installation: MV-22 Readiness (OSIP 028-12)	Method of Implementation: Organic - 7 Wiring Harness	Installation Quantity: 41
Installation: MV-22 Readiness (OSIP 028-12)	Method of Implementation: Organic - Swashplate Actuator	Installation Quantity: 25
Installation: MV-22 Readiness (OSIP 028-12)	Method of Implementation: Organic - Flaperon Actuator	Installation Quantity: 25
Installation: MV-22 Readiness (OSIP 028-12)	Method of Implementation: Organic - LRSV Pressure Switch	Installation Quantity: 52
Installation: MV-22 Readiness (OSIP 028-12)	Method of Implementation: Organic - IRS Block A Removal	Installation Quantity: 50
Installation: MV-22 Readiness (OSIP 028-12)	Method of Implementation: Organic - APU-105	Installation Quantity: 1

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Exhibit P-3A, Individual Modification: PB 2013 Navy		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 1506N / BA 5 / BSA 1	P-1 Line Item Nomenclature: 0590 - V-22 (Tilt/Rotor Acft) Osprey	Modification Nomenclature (<i>Modification Title, Modification Number</i>): MV-22 Readiness (OSIP 028-12) - 2
Models of Systems Affected: V-22 Series	Type Modification: Reliability, Cost-per-flight hour, Reduction in Total Ownership cost	Related RDT&E PEs: 0604262N
Installation: MV-22 Readiness (OSIP 028-12)	Method of Implementation: Organic - Sponson Refuel-Defuel Valve	Installation Quantity: 162
Installation: MV-22 Readiness (OSIP 028-12)	Method of Implementation: Organic - Lower Nacelle Improvements	Installation Quantity: 97
Installation: MV-22 Readiness (OSIP 028-12)	Method of Implementation: Organic - Nacelle Wiring OCO	Installation Quantity: 20
Installation: MV-22 Readiness (OSIP 028-12)	Method of Implementation: Organic - Nacelle Upper Improvements	Installation Quantity: 7
Installation: MV-22 Readiness (OSIP 028-12)	Method of Implementation: Organic - Inlet Scroll TOWIP	Installation Quantity: 12
Installation: MV-22 Readiness (OSIP 028-12)	Method of Implementation: Organic - Wing Aux Tank Refuel-Defuel Valve	Installation Quantity: 192
Installation: MV-22 Readiness (OSIP 028-12)	Method of Implementation: Organic - Clam Shell Door	Installation Quantity: 31
Installation: MV-22 Readiness (OSIP 028-12)	Method of Implementation: Organic - Landing Gear Control Unit	Installation Quantity: 72
Installation: MV-22 Readiness (OSIP 028-12)	Method of Implementation: Organic - PCLU Retrofit	Installation Quantity: 6
Installation: MV-22 Readiness (OSIP 028-12)	Method of Implementation: Organic - Rescue Hoist Hook	Installation Quantity: 75
Installation: MV-22 Readiness (OSIP 028-12)	Method of Implementation: Organic - CFG Redesign	Installation Quantity: 6
Installation: MV-22 Readiness (OSIP 028-12)	Method of Implementation: Organic - CFG TAGB Adapter Mod	Installation Quantity: 114
Installation: MV-22 Readiness (OSIP 028-12)	Method of Implementation: Organic - SDC Class 2 Force Delta Kits	Installation Quantity: 5