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

February 2012



Air Force

Justification Book Volume 2

Aircraft Procurement, Air Force

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Air Force • President's Budget Submission FY 2013 • Procurement

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Department of the Air Force
 FY 2013 President's Budget
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 Total Obligational Authority
 (Dollars in Thousands)

31 Jan 2012

Appropriation -----	FY 2011 Actuals -----	FY 2012 Base -----	FY 2012 OCO -----	FY 2012 Total -----
Aircraft Procurement, Air Force	15,535,847	12,950,000	1,235,777	14,185,777
Missile Procurement, Air Force	5,171,556	6,068,124	41,220	6,109,344
Procurement of Ammunition, Air Force	1,058,005	499,185	109,010	608,195
Other Procurement, Air Force	20,321,721	17,399,579	3,088,510	20,488,089
Total Department of the Air Force	42,087,129	36,916,888	4,474,517	41,391,405

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31 Jan 2012

Appropriation -----	FY 2013 Base -----	FY 2013 OCO -----	FY 2013 Total -----
Aircraft Procurement, Air Force	11,002,999	305,600	11,308,599
Missile Procurement, Air Force	5,491,846	34,350	5,526,196
Procurement of Ammunition, Air Force	599,194	116,203	715,397
Other Procurement, Air Force	16,720,848	2,818,270	19,539,118
Total Department of the Air Force	33,814,887	3,274,423	37,089,310

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 (Dollars in Thousands)

31 Jan 2012

Appropriation: Aircraft Procurement, Air Force

Budget Activity -----	FY 2011 Actuals -----	FY 2012 Base -----	FY 2012 OCO -----	FY 2012 Total -----
01. Combat Aircraft	4,454,732	3,622,710		3,622,710
02. Airlift Aircraft	1,649,090	1,856,640		1,856,640
03. Trainer Aircraft	69,413	1,060		1,060
04. Other Aircraft	2,472,745	1,302,459	761,364	2,063,823
05. Modification of Inservice Aircraft	4,416,728	3,834,756	337,023	4,171,779
06. Aircraft Spares and Repair Parts	706,964	927,364	2,800	930,164
07. Aircraft Supt Equipment & Facilities	1,766,175	1,405,011	134,590	1,539,601
Total Aircraft Procurement, Air Force	15,535,847	12,950,000	1,235,777	14,185,777

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31 Jan 2012

Appropriation: Aircraft Procurement, Air Force

Budget Activity -----	FY 2013 Base -----	FY 2013 OCO -----	FY 2013 Total -----
01. Combat Aircraft	3,417,702		3,417,702
02. Airlift Aircraft	595,451		595,451
03. Trainer Aircraft			
04. Other Aircraft	1,306,334		1,306,334
05. Modification of Inservice Aircraft	3,610,162	224,700	3,834,862
06. Aircraft Spares and Repair Parts	729,691	21,900	751,591
07. Aircraft Supt Equipment & Facilities	1,343,659	59,000	1,402,659
Total Aircraft Procurement, Air Force	11,002,999	305,600	11,308,599

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31 Jan 2012

Appropriation: 3010F Aircraft Procurement, Air Force

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											

Tactical Forces											
1	F-35	A	25	(4,320,585)	18	(3,545,196)			18	(3,545,196)	U
	Less: Advance Procurement (PY)			(-278,600)		(-255,581)				(-255,581)	U
				-----		-----				-----	
				4,041,985		3,289,615				3,289,615	
2	F-35			255,581		228,977				228,977	U
	Advance Procurement (CY)										
3	F-22A	A		157,166		104,118				104,118	U
				-----		-----				-----	
	Total Combat Aircraft			4,454,732		3,622,710				3,622,710	
Budget Activity 02: Airlift Aircraft											

Tactical Airlift											
4	C-17A (MYP)	A		48,414	1	225,000			1	225,000	U
Other Airlift											
5	C-130J	A	8	(555,653)	1	(146,158)			1	(146,158)	U
	Less: Advance Procurement (PY)			(-102,900)		(-9,779)				(-9,779)	U
				-----		-----				-----	
				452,753		136,379				136,379	
6	C-130J			9,779		50,000				50,000	U
	Advance Procurement (CY)										
7	HC-130J	A	4	(306,100)	3	(342,844)			3	(342,844)	U
	Less: Advance Procurement (PY)					(-9,945)				(-9,945)	U
				-----		-----				-----	
				306,100		332,899				332,899	
8	HC-130J			9,945		10,000				10,000	U
	Advance Procurement (CY)										

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31 Jan 2012

Appropriation: 3010F Aircraft Procurement, Air Force

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									

Tactical Forces									
1	F-35	A	19	(3,353,279)			19	(3,353,279)	U
	Less: Advance Procurement (PY)			(-228,977)				(-228,977)	U
				-----		-----		-----	
				3,124,302				3,124,302	
2	F-35			293,400				293,400	U
	Advance Procurement (CY)								
3	F-22A	A							U
				-----		-----		-----	
Total Combat Aircraft				3,417,702				3,417,702	
Budget Activity 02: Airlift Aircraft									

Tactical Airlift									
4	C-17A (MYP)	A							U
Other Airlift									
5	C-130J	A		(118,373)				(118,373)	U
	Less: Advance Procurement (PY)			(-50,000)				(-50,000)	U
				-----		-----		-----	
				68,373				68,373	
6	C-130J								U
	Advance Procurement (CY)								
7	HC-130J	A	1	(162,212)			1	(162,212)	U
	Less: Advance Procurement (PY)			(-10,000)				(-10,000)	U
				-----		-----		-----	
				152,212				152,212	
8	HC-130J								U
	Advance Procurement (CY)								

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Appropriation: 3010F Aircraft Procurement, Air Force

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	MC-130J	A	5	(413,170)	6	(642,135)			6	(642,135)	U
	Less: Advance Procurement (PY)					(-59,669)				(-59,669)	U
				413,170		582,466				582,466	
10	MC-130J			59,669		40,000				40,000	U
	Advance Procurement (CY)										
11	HC/MC-130 Recap	A		(137,360)							U
	Less: Advance Procurement (PY)			(-137,360)							U
12	C-27J	A	8	349,260	9	479,896			9	479,896	U
Total Airlift Aircraft				1,649,090		1,856,640				1,856,640	
Budget Activity 03: Trainer Aircraft											
UPT Trainers											
13	Light Mobility Aircraft	A	15	65,336							U
14	USAFA Powered Flight Program	A	12	4,077		1,060				1,060	U
Total Trainer Aircraft				69,413		1,060				1,060	
Budget Activity 04: Other Aircraft											
Helicopters											
15	HH-60 Loss Replacement/RECAP	A	16	521,270	3	104,711	1	39,300	4	144,011	U
16	Common Vertical Lift Support Platform (CVLSP)	A			2	52,800			2	52,800	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	
9	MC-130J	A	4	(414,866)			4	(414,866)	U
	Less: Advance Procurement (PY)			(-40,000)				(-40,000)	U
				374,866				374,866	
10	MC-130J								U
	Advance Procurement (CY)								
11	HC/MC-130 Recap	A							U
	Less: Advance Procurement (PY)								U
12	C-27J	A							U
Total Airlift Aircraft				595,451				595,451	
Budget Activity 03: Trainer Aircraft									
UPT Trainers									
13	Light Mobility Aircraft	A							U
14	USAFA Powered Flight Program	A							U
Total Trainer Aircraft									
Budget Activity 04: Other Aircraft									
Helicopters									
15	HH-60 Loss Replacement/RECAP	A		60,596				60,596	U
16	Common Vertical Lift Support Platform (CVLSP)	A							U

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			Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	
17	CV-22 (MYP)	A	6	(482,904)	5	(362,407)			5	(362,407)	U
	Less: Advance Procurement (PY)			(-22,052)		(-22,542)				(-22,542)	U
				460,852		339,865				339,865	
18	CV-22 (MYP)										
	Advance Procurement (CY)			13,621		20,000				20,000	U
Mission Support Aircraft											
19	Civil Air Patrol A/C	A	5	2,424	18	8,990			18	8,990	U
20	Light Attack Armed Recon Acft	A			6	115,049			6	115,049	U
21	RQ-11	A	50	9,380							U
22	STUASL0	A	25	3,235			22	2,472	22	2,472	U
Other Aircraft											
23	Interim Gateway	A		50,000							U
24	Target Drones	A	9	85,033		59,268				59,268	U
25	C-37A	A	2	51,713	3	77,842			3	77,842	U
26	RQ-4	A	4	(613,300)	3	(395,865)			3	(395,865)	U
	Less: Advance Procurement (PY)			(-113,049)		(-71,901)				(-71,901)	U
				500,251		323,964				323,964	
27	RQ-4										
	Advance Procurement (CY)			71,901		71,500				71,500	U
28	AC-130J	A			1	(118,347)			1	(118,347)	U
	Less: Advance Procurement (PY)					(-9,877)				(-9,877)	U
						108,470				108,470	
29	AC-130J										
	Advance Procurement (CY)			9,877		20,000				20,000	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	
17	CV-22 (MYP)	A	4	(314,220)			4	(314,220)	U
	Less: Advance Procurement (PY)			(-20,000)				(-20,000)	U
				-----				-----	
				294,220				294,220	
18	CV-22 (MYP)								
	Advance Procurement (CY)			15,000				15,000	U
Mission Support Aircraft									
19	Civil Air Patrol A/C	A	5	2,498			5	2,498	U
20	Light Attack Armed Recon Acft	A							U
21	RQ-11	A							U
22	STUASL0	A							U
Other Aircraft									
23	Interim Gateway	A							U
24	Target Drones	A	15	129,866			15	129,866	U
25	C-37A	A							U
26	RQ-4	A		(146,500)				(146,500)	U
	Less: Advance Procurement (PY)			(-71,500)				(-71,500)	U
				-----				-----	
				75,000				75,000	
27	RQ-4								
	Advance Procurement (CY)								U
28	AC-130J	A	2	(183,970)			2	(183,970)	U
	Less: Advance Procurement (PY)			(-20,000)				(-20,000)	U
				-----				-----	
				163,970				163,970	
29	AC-130J								
	Advance Procurement (CY)								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	
30	MQ-9	A	48	693,188			48	719,592	48	719,592	U
31	RQ-4 Block 40 Proc	A									U
Total Other Aircraft				2,472,745		1,302,459		761,364		2,063,823	
Budget Activity 05: Modification of Inservice Aircraft											

Strategic Aircraft											
32	B-2A	A		34,486		31,015				31,015	U
33	B-1B	A		207,485		198,007				198,007	U
34	B-52	A		20,958		93,897				93,897	U
35	Large Aircraft Infrared Countermeasures	A									U
Tactical Aircraft											
36	A-10	A		202,806		55,028				55,028	U
37	F-15	A		303,840		255,586				255,586	U
38	F-16	A		166,265		56,746				56,746	U
39	F-22A	A		435,321		232,032				232,032	U
40	F-35 Modifications	A		4,610							U
Airlift Aircraft											
41	C-5	A		(218,746)		(178,051)		(59,299)		(237,350)	U
	Less: Advance Procurement (PY)			(-108,300)		(-166,310)				(-166,310)	U
				110,446		11,741		59,299		71,040	
42	C-5										
	Advance Procurement (CY)			166,310							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	
30	MQ-9	A	24	553,530			24	553,530	U
31	RQ-4 Block 40 Proc	A		11,654				11,654	U
Total Other Aircraft				1,306,334				1,306,334	
Budget Activity 05: Modification of Inservice Aircraft									
Strategic Aircraft									
32	B-2A	A		82,296				82,296	U
33	B-1B	A		149,756				149,756	U
34	B-52	A		9,781				9,781	U
35	Large Aircraft Infrared Countermeasures	A		28,800		139,800		168,600	U
Tactical Aircraft									
36	A-10	A		89,919				89,919	U
37	F-15	A		148,378				148,378	U
38	F-16	A		6,896				6,896	U
39	F-22A	A		283,871				283,871	U
40	F-35 Modifications	A		147,995				147,995	U
Airlift Aircraft									
41	C-5	A		(6,967)				(6,967)	U
	Less: Advance Procurement (PY)								U
				6,967				6,967	
42	C-5								U
	Advance Procurement (CY)								

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			Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	
43	C-5M	A		(672,717)		(851,859)				(851,859)	U
	Less: Advance Procurement (PY)										U
				-----		-----		-----		-----	
				672,717		851,859				851,859	
44	C-5M										
	Advance Procurement (CY)					112,200				112,200	U
45	C-9C	A				9				9	U
46	C-17A	A		415,906		202,179				202,179	U
47	C-21	A		337		328				328	U
48	C-32A	A		1,635		1,757				1,757	U
49	C-37A	A		364		486				486	U
50	C-130 AMP	A				208,135				208,135	U
Trainer Aircraft											
51	Glider Mods	A		119		123				123	U
52	T-6	A		24,508		15,086				15,086	U
53	T-1	A		83		238				238	U
54	T-38	A		7,543		31,032				31,032	U
Other Aircraft											
55	U-2 Mods	A									U
56	U-2 Mods	A									U
57	KC-10A (ATCA)	A		15,252		9,820				9,820	U
58	C-12	A		7,603		1,777				1,777	U
59	MC-12W	A		15,922		16,767		17,300		34,067	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		
43	C-5M	A		(1,057,019)			(1,057,019)		U	
	Less: Advance Procurement (PY)			(-112,200)			(-112,200)		U	
				944,819			944,819			
44	C-5M			175,800			175,800		U	
	Advance Procurement (CY)									
45	C-9C	A							U	
46	C-17A	A		205,079			205,079		U	
47	C-21	A		199			199		U	
48	C-32A	A		1,750			1,750		U	
49	C-37A	A		445			445		U	
50	C-130 AMP	A							U	
Trainer Aircraft										
51	Glider Mods	A		126			126		U	
52	T-6	A		15,494			15,494		U	
53	T-1	A		272			272		U	
54	T-38	A		20,455			20,455		U	
Other Aircraft										
55	U-2 Mods	A				46,800	46,800		U	
56	U-2 Mods	A		44,477			44,477		U	
57	KC-10A (ATCA)	A		46,921			46,921		U	
58	C-12	A		1,876			1,876		U	
59	MC-12W	A		17,054			17,054		U	

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			Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	
60	C-20 Mods	A		732		241				241	U
61	VC-25A Mod	A		13,102		387				387	U
62	C-40	A		163		206				206	U
63	C-130	A		436,413		56,276		164,041		220,317	U
64	C-130 Intel	A		14,841		3,593		4,600		8,193	U
65	C-130J Mods	A		86,860		38,174		27,983		66,157	U
66	C-135	A		37,221		62,210				62,210	U
67	Compass Call Mods	A		110,997		290,324		12,000		302,324	U
68	RC-135	A		104,957		162,211				162,211	U
69	E-3	A		194,006		135,031				135,031	U
70	E-4	A		43,881		57,829				57,829	U
71	E-8	A		6,306		22,558				22,558	U
72	H-1	A		2,443		5,280				5,280	U
73	H-60	A		70,098		58,971				58,971	U
74	RQ-4 Mods	A		205,072		89,177				89,177	U
75	HC/MC-130 Modifications	A		1,933		431		34,000		34,431	U
76	Other Aircraft	A		77,206		68,238		15,000		83,238	U
77	MQ-1 Mods	A		20,101		158,446		2,800		161,246	U
78	MQ-9 Mods	A		160,383		149,744				149,744	U
79	MQ-9 UAS Payloads	A				74,866				74,866	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	
60	C-20 Mods	A		243				243	U
61	VC-25A Mod	A		11,185				11,185	U
62	C-40	A		243				243	U
63	C-130	A		67,853		11,400		79,253	U
64	C-130 Intel	A							U
65	C-130J Mods	A		70,555				70,555	U
66	C-135	A		46,707				46,707	U
67	Compass Call Mods	A		50,024		14,000		64,024	U
68	RC-135	A		165,237		8,000		173,237	U
69	E-3	A		193,099				193,099	U
70	E-4	A		47,616				47,616	U
71	E-8	A		59,320				59,320	U
72	H-1	A		5,449				5,449	U
73	H-60	A		26,227				26,227	U
74	RQ-4 Mods	A		9,257				9,257	U
75	HC/MC-130 Modifications	A		22,326		4,700		27,026	U
76	Other Aircraft	A		18,832				18,832	U
77	MQ-1 Mods	A		30,861				30,861	U
78	MQ-9 Mods	A		238,360				238,360	U
79	MQ-9 UAS Payloads	A		93,461				93,461	U

P-1C: FY 2013 President's Budget (Published Version), as of January 31, 2012 at 15:03:11

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

31 Jan 2012

Appropriation: 3010F Aircraft Procurement, Air Force

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	
80	CV-22 Mods	A		15,497		14,715				14,715	U
Total Modification of Inservice Aircraft				4,416,728		3,834,756		337,023		4,171,779	
Budget Activity 06: Aircraft Spares and Repair Parts											

Aircraft Spares and Repair Parts											
81	Initial Spares/Repair Parts	A		706,964		927,364		2,800		930,164	U
Total Aircraft Spares and Repair Parts				706,964		927,364		2,800		930,164	
Budget Activity 07: Aircraft Supt Equipment & Facilities											

Common Support Equipment											
82	Aircraft Replacement Support Equip	A		57,979		90,318				90,318	U
Post Production Support											
83	A-10	A									U
84	B-1	A		6,990		4,743				4,743	U
85	B-2A	A				101				101	U
86	B-2a	A		26,072		49,319				49,319	U
87	C-5	A		194		521				521	U
88	KC-10A (ATCA)	A		1,571		5,691				5,691	U
89	C-17A	A		20,831		75,115		10,970		86,085	U
90	C-130	A		28,139		25,646				25,646	U
91	C-135	A				2,434				2,434	U
92	F-15	A		17,502		2,076				2,076	U

P-1C: FY 2013 President's Budget (Published Version), as of January 31, 2012 at 15:03:11

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

31 Jan 2012

Appropriation: 3010F Aircraft Procurement, Air Force

Line No	Item Nomenclature	Ident Code	FY 2013 Base		FY 2013 OCO		FY 2013 Total		S e c
			Quantity	Cost	Quantity	Cost	Quantity	Cost	
80	CV-22 Mods	A		23,881				23,881	U
Total Modification of Inservice Aircraft				3,610,162		224,700		3,834,862	
Budget Activity 06: Aircraft Spares and Repair Parts									
Aircraft Spares and Repair Parts									
81	Initial Spares/Repair Parts	A		729,691		21,900		751,591	U
Total Aircraft Spares and Repair Parts				729,691		21,900		751,591	
Budget Activity 07: Aircraft Supt Equipment & Facilities									
Common Support Equipment									
82	Aircraft Replacement Support Equip	A		56,542				56,542	U
Post Production Support									
83	A-10	A		5,100				5,100	U
84	B-1	A		965				965	U
85	B-2A	A							U
86	B-2a	A		47,580				47,580	U
87	C-5	A							U
88	KC-10A (ATCA)	A		13,100				13,100	U
89	C-17A	A		181,703				181,703	U
90	C-130	A		31,830				31,830	U
91	C-135	A		13,434				13,434	U
92	F-15	A		2,363				2,363	U

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

31 Jan 2012

Appropriation: 3010F Aircraft Procurement, Air Force

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	
93	F-16	A		12,668		4,537				4,537	U
94	HH-60 PPS	A		124,800							U
95	T-6	A		9,398							U
96	Other Aircraft	A		53,655		23,225				23,225	U
Industrial Preparedness											
97	Industrial Responsiveness	A		24,483		21,050				21,050	U
War Consumables											
98	War Consumables	A		112,587				87,220		87,220	U
Other Production Charges											
99	Other Production Charges	A		1,165,956		1,034,858		23,000		1,057,858	U
DARP											
103	U-2	A		90,441		48,875		13,400		62,275	U
999	Classified Programs			12,909		16,502				16,502	U
Total Aircraft Supt Equipment & Facilities				1,766,175		1,405,011		134,590		1,539,601	
Total Aircraft Procurement, Air Force				15,535,847		12,950,000		1,235,777		14,185,777	

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

31 Jan 2012

Appropriation: 3010F Aircraft Procurement, Air Force

Line No	Item Nomenclature	Ident Code	FY 2013 Base		FY 2013 OCO		FY 2013 Total		S e c
			Quantity	Cost	Quantity	Cost	Quantity	Cost	
93	F-16	A		8,506			8,506		U
94	HH-60 PPS	A							U
95	T-6	A							U
96	Other Aircraft	A		9,522			9,522		U
Industrial Preparedness									
97	Industrial Responsiveness	A		20,731			20,731		U
War Consumables									
98	War Consumables	A		89,727			89,727		U
Other Production Charges									
99	Other Production Charges	A		842,392		59,000	901,392		U
DARP									
103	U-2	A							U
999	Classified Programs			20,164			20,164		U
Total Aircraft Supt Equipment & Facilities				1,343,659		59,000	1,402,659		
Total Aircraft Procurement, Air Force				11,002,999		305,600	11,308,599		

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34	05	01	34	B-52 Mods.....	Volume 2 - 57
35	05	01	35	Large Aircraft Infrared Countermeasures Mods.....	Volume 2 - 69
36	05	02	36	A-10 Mods.....	Volume 2 - 109
37	05	02	37	F-15 Mods.....	Volume 2 - 119
38	05	02	38	F-16 Mods.....	Volume 2 - 153
39	05	02	39	F-22 Mods.....	Volume 2 - 163
40	05	02	40	F-35 Mods.....	Volume 2 - 205
41	05	03	41	C-5 Mods.....	Volume 2 - 209
42	05	03	42	C-5 AP.....	Volume 2 - 219
43	05	03	43	C-5 RERP Mods.....	Volume 2 - 223
44	05	03	44	C-5 RERP AP Mods.....	Volume 2 - 233
45	05	03	45	C-9 Mods.....	Volume 2 - 237
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49	05	03	49	C-37 Mods.....	Volume 2 - 287
50	05	03	50	C-130 AMP Mods.....	Volume 2 - 291
51	05	04	51	GLIDER Mods.....	Volume 2 - 295
52	05	04	52	JPATS Mods.....	Volume 2 - 299
53	05	04	53	T-1 Mods.....	Volume 2 - 309
54	05	04	54	T-38 Mods.....	Volume 2 - 313
55-56	05	05	55-56	U-2 Mods.....	Volume 2 - 323
57	05	05	57	KC-10 Mods.....	Volume 2 - 331
58	05	05	58	C-12 Mods.....	Volume 2 - 349
59	05	05	59	MC-12W Mods.....	Volume 2 - 353
60	05	05	60	C-20 Mods.....	Volume 2 - 361
61	05	05	61	VC-25 Mods.....	Volume 2 - 365
62	05	05	62	C-40 Mods.....	Volume 2 - 375
63	05	05	63	C-130 Mods.....	Volume 2 - 379
64	05	05	64	C-130 INTEL Mods.....	Volume 2 - 411
65	05	05	65	C-130J MODS.....	Volume 2 - 415
66	05	05	66	C-135 Mods.....	Volume 2 - 435

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Appropriation 3010F: Aircraft Procurement, Air Force

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68	05	05	68	RC-135 Mods.....	Volume 2 - 459
69	05	05	69	E-3 Mods.....	Volume 2 - 477
70	05	05	70	E-4 Mods.....	Volume 2 - 495
71	05	05	71	E-8C Mods.....	Volume 2 - 525
72	05	05	72	H-1 Mods.....	Volume 2 - 541
73	05	05	73	HH-60 Mods.....	Volume 2 - 545
74	05	05	74	RQ-4 Mods.....	Volume 2 - 569
75	05	05	75	HC/MC-130 Recap Mods.....	Volume 2 - 579
76	05	05	76	Other Mods.....	Volume 2 - 593
77	05	05	77	MQ-1 Mods.....	Volume 2 - 603
78	05	05	78	MQ-9 UAV Mods.....	Volume 2 - 615
79	05	05	79	MQ-9 UAS Payloads Mods.....	Volume 2 - 653
80	05	05	80	CV-22 Mods.....	Volume 2 - 661

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B-52 Mods	34	34	05	01.....	Volume 2 - 57
C-12 Mods	58	58	05	05.....	Volume 2 - 349
C-130 AMP Mods	50	50	05	03.....	Volume 2 - 291
C-130 INTEL Mods	64	64	05	05.....	Volume 2 - 411
C-130 Mods	63	63	05	05.....	Volume 2 - 379
C-130J MODS	65	65	05	05.....	Volume 2 - 415
C-135 Mods	66	66	05	05.....	Volume 2 - 435
C-17 Mods	46	46	05	03.....	Volume 2 - 241
C-20 Mods	60	60	05	05.....	Volume 2 - 361
C-21 Mods	47	47	05	03.....	Volume 2 - 279
C-32 Mods	48	48	05	03.....	Volume 2 - 283
C-37 Mods	49	49	05	03.....	Volume 2 - 287
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Line Item Title	Line Item Number	Line #	BA	BSA	Page
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C-5 RERP AP Mods	44	44	05	03.....	Volume 2 - 233
C-5 RERP Mods	43	43	05	03.....	Volume 2 - 223
C-9 Mods	45	45	05	03.....	Volume 2 - 237
COMPASS CALL Mods	67	67	05	05.....	Volume 2 - 449
CV-22 Mods	80	80	05	05.....	Volume 2 - 661
E-3 Mods	69	69	05	05.....	Volume 2 - 477
E-4 Mods	70	70	05	05.....	Volume 2 - 495
E-8C Mods	71	71	05	05.....	Volume 2 - 525
F-15 Mods	37	37	05	02.....	Volume 2 - 119
F-16 Mods	38	38	05	02.....	Volume 2 - 153
F-22 Mods	39	39	05	02.....	Volume 2 - 163
F-35 Mods	40	40	05	02.....	Volume 2 - 205
GLIDER Mods	51	51	05	04.....	Volume 2 - 295
H-1 Mods	72	72	05	05.....	Volume 2 - 541
HC/MC-130 Recap Mods	75	75	05	05.....	Volume 2 - 579
HH-60 Mods	73	73	05	05.....	Volume 2 - 545
JPATS Mods	52	52	05	04.....	Volume 2 - 299
KC-10 Mods	57	57	05	05.....	Volume 2 - 331
Large Aircraft Infrared Countermeasures Mods	35	35	05	01.....	Volume 2 - 69

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Air Force • President's Budget Submission FY 2013 • Procurement

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MQ-1 Mods	77	77	05	05.....	Volume 2 - 603
MQ-9 UAS Payloads Mods	79	79	05	05.....	Volume 2 - 653
MQ-9 UAV Mods	78	78	05	05.....	Volume 2 - 615
Other Mods	76	76	05	05.....	Volume 2 - 593
RC-135 Mods	68	68	05	05.....	Volume 2 - 459
RQ-4 Mods	74	74	05	05.....	Volume 2 - 569
T-1 Mods	53	53	05	04.....	Volume 2 - 309
T-38 Mods	54	54	05	04.....	Volume 2 - 313
U-2 Mods	55-56	55-56	05	05.....	Volume 2 - 323
VC-25 Mods	61	61	05	05.....	Volume 2 - 365

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Air Force • President's Budget Submission FY 2013 • Procurement
Exhibit P-1M
(Listing by Model)

Cost (\$ in Millions)

Model	Modification #	Modification Title	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017
A-10	9804	A-10 Wing Replacement Program	151.207	5.168	82.493	-	82.493	44.832	-	-	-
Model Subtotal, A-10:			151.207	5.168	82.493	-	82.493	44.832	-	-	-

Cost (\$ in Millions)

Model	Modification #	Modification Title	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017
B-1B	4280	FULLY INTEGRATED DATA LINKS	52.956	58.874	57.073	-	57.073	48.234	37.241	50.017	51.539
B-1B	4283	Simulator Digital Control Loading	-	-	2.700	-	2.700	2.800	2.937	-	-
B-1B	4284	CITS UPGRADE	20.933	15.683	17.549	-	17.549	17.834	13.895	16.914	17.054
B-1B	4286	Inertial Navigation System (INS)	17.000	35.999	21.447	-	21.447	19.192	2.231	-	-
B-1B	8411	RADAR IMPROVEMENT UPGRADE	59.126	44.302	10.512	-	10.512	1.692	2.586	0.242	-
B-1B	8971	VERTICAL SITUATION DISPLAYS	27.086	33.872	34.429	-	34.429	36.322	29.932	41.621	42.406
Model Subtotal, B-1B:			177.101	188.730	143.710	-	143.710	126.074	88.822	108.794	110.999

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Air Force • President's Budget Submission FY 2013 • Procurement
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(Listing by Model)

Cost (\$ in Millions)

Model	Modification #	Modification Title	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017
B-2	110026	EHF SATCOM and Computers	-	29.501	65.037	-	65.037	7.469	8.373	-	-
B-2	110040	B-2 Massive Ordnance Penetrator (MOP) Integration	7.453	-	7.000	-	7.000	-	-	-	-
Model Subtotal, B-2:			7.453	29.501	72.037	-	72.037	7.469	8.373	-	-

Cost (\$ in Millions)

Model	Modification #	Modification Title	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017
B-2A	110053	LOSSM - Diagnostics	-	-	2.044	-	2.044	0.741	2.405	2.638	2.131
Model Subtotal, B-2A:			-	-	2.044	-	2.044	0.741	2.405	2.638	2.131

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(Listing by Model)

Cost (\$ in Millions)

Model	Modification #	Modification Title	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017
B-52H	3265	B-52 Anti-Skid Replacement	-	-	4.626	-	4.626	6.737	6.011	0.915	0.930
Model Subtotal, B-52H:			-	-	4.626	-	4.626	6.737	6.011	0.915	0.930

Cost (\$ in Millions)

Model	Modification #	Modification Title	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017
Block 10, 20, 30 and 40	470001	GH Aircraft Mods	200.742	87.677	9.257	-	9.257	9.313	8.959	9.628	6.557
Model Subtotal, Block 10, 20, 30 and 40:			200.742	87.677	9.257	-	9.257	9.313	8.959	9.628	6.557

Cost (\$ in Millions)

Model	Modification #	Modification Title	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017
C-130	9139	MOD V IFF	-	18.992	11.740	-	11.740	2.477	1.630	-	-

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Cost (\$ in Millions)

Model	Modification #	Modification Title	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017
Model Subtotal, C-130:			-	18.992	11.740	-	11.740	2.477	1.630	-	-

Cost (\$ in Millions)

Model	Modification #	Modification Title	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017
C-130H, MC-130H, HC-130P/ N, EC-130H, AC-130U,	8578	C-130 SYSTEMS/STRUCTURE (PHASE II MODERNIZATION)	52.786	15.423	52.804	-	52.804	32.104	13.773	14.019	14.216
Model Subtotal, C-130H, MC-130H, HC-130P/N, EC-130H, AC-130U,:			52.786	15.423	52.804	-	52.804	32.104	13.773	14.019	14.216

Cost (\$ in Millions)

Model	Modification #	Modification Title	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017
C-130J	8646	C-130J Center Wing Replacement	-	-	21.753	-	21.753	9.194	6.340	6.406	-
Model Subtotal, C-130J:			-	-	21.753	-	21.753	9.194	6.340	6.406	-

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(Listing by Model)

Cost (\$ in Millions)

Model	Modification #	Modification Title	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017
C-130J, C-130J (short), WC-130J, EC-130J, HC-130J, MC-130J	6298	C-130J BLOCK 7.0 UPGRADES	-	14.004	35.261	-	35.261	51.867	61.096	62.724	36.893
Model Subtotal, C-130J, C-130J (short), WC-130J, EC-130J, HC-130J, MC-130J:			-	14.004	35.261	-	35.261	51.867	61.096	62.724	36.893

Cost (\$ in Millions)

Model	Modification #	Modification Title	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017
C-17	3	LARGE AIRCRAFT INFRARED COUNTERMEASURES C-17	-	-	17.368	-	17.368	13.911	16.288	16.223	16.540
C-17	2000	Pylon Stub FFLZ, FF, Translating Fairing	0.199	10.956	21.058	-	21.058	22.057	23.090	3.956	3.931
C-17	359	C-17 Sim Threat Generator	-	-	11.697	-	11.697	-	-	-	-

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(Listing by Model)

Cost (\$ in Millions)

Model	Modification #	Modification Title	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017
C-17	8962	Block 13 to 17 Retrofit	148.049	77.036	138.217	-	138.217	84.343	44.550	-	-
C-17	1508	IFF GATM Mode 5	-	3.009	5.242	-	5.242	14.414	18.336	20.618	23.183
C-17	6402	OBIGGS II	5.344	9.764	5.312	-	5.312	11.124	16.185	27.101	33.387
C-17	6412	Extended Range Retrofit/OBIGGS II	15.739	63.128	14.174	-	14.174	27.909	52.799	78.296	81.170
Model Subtotal, C-17:			169.331	163.893	213.068	-	213.068	173.758	171.248	146.194	158.211

Cost (\$ in Millions)

Model	Modification #	Modification Title	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017
C-5A/B/C/M	8965	C-5 Fleet Blk Upgrade 01	-	7.600	6.362	-	6.362	-	-	-	-
Model Subtotal, C-5A/B/C/M:			-	7.600	6.362	-	6.362	-	-	-	-

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Cost (\$ in Millions)

Model	Modification #	Modification Title	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017
C-5B/C	6154	C-5 Reliability Enhancement and Re-Engining Program	672.717	851.859	944.819	-	944.819	1,017.967	338.927	-	-
Model Subtotal, C-5B/C:			672.717	851.859	944.819	-	944.819	1,017.967	338.927	-	-

Cost (\$ in Millions)

Model	Modification #	Modification Title	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017
C-5B/C/M	4	LARGE AIRCRAFT INFRARED COUNTERMEASURES C-5	-	-	3.147	27.300	30.447	5.239	5.379	5.481	5.570
Model Subtotal, C-5B/C/M:			-	-	3.147	27.300	30.447	5.239	5.379	5.481	5.570

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(Listing by Model)

Cost (\$ in Millions)

Model	Modification #	Modification Title	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017
C/AC/MC/HC-130	1	LARGE AIRCRAFT INFRARED COUNTERMEASURES C-130	-	-	-	28.300	28.300	-	-	-	-
Model Subtotal, C/AC/MC/HC-130:			-	-	-	28.300	28.300	-	-	-	-

Cost (\$ in Millions)

Model	Modification #	Modification Title	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017
C/KC-135	8653	BLOCK 45	-	31.454	38.672	-	38.672	56.144	57.499	54.037	53.473
Model Subtotal, C/KC-135:			-	31.454	38.672	-	38.672	56.144	57.499	54.037	53.473

Cost (\$ in Millions)

Model	Modification #	Modification Title	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017
C130J	2	LARGE AIRCRAFT INFRARED COUNTERMEASURES C-130J	-	-	8.285	38.100	46.385	8.447	8.712	8.875	9.020

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Cost (\$ in Millions)

Model	Modification #	Modification Title	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017
Model Subtotal, C130J:			-	-	8.285	38.100	46.385	8.447	8.712	8.875	9.020

Cost (\$ in Millions)

Model	Modification #	Modification Title	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017
CV-22	8790	Block 20 Upgrade	2.739	7.097	18.649	-	18.649	39.798	100.943	69.959	70.008
Model Subtotal, CV-22:			2.739	7.097	18.649	-	18.649	39.798	100.943	69.959	70.008

Cost (\$ in Millions)

Model	Modification #	Modification Title	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017
E-3	1	BLOCK 40/45 UPGRADE	171.501	102.660	154.744	-	154.744	174.685	174.269	202.755	208.281
E-3	7225	NEXT GENERATION IDENTIFICATION FRIEND OR FOE (IFF)	6.921	23.890	23.184	-	23.184	26.566	3.764	-	-
E-3	9715	SOLID-STATE TRIGGER PULSE AMPLIFIER	-	-	7.495	-	7.495	5.307	7.375	7.937	6.452

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Cost (\$ in Millions)

Model	Modification #	Modification Title	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017
Model Subtotal, E-3:			178.422	126.550	185.423	-	185.423	206.558	185.408	210.692	214.733

Cost (\$ in Millions)

Model	Modification #	Modification Title	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017
E-4B	3450	Secure Data Crypto	-	-	4.166	-	4.166	-	-	-	-
E-4B	1	SHF Modernization	0.200	2.065	6.000	-	6.000	2.000	-	-	-
E-4B	4407	AIU Modernization	-	16.200	13.500	-	13.500	-	-	-	-
E-4B	2	CNS/ATM	-	-	5.075	-	5.075	5.300	5.220	-	-
E-4B	3	SERVICE BULLETINS	0.598	1.524	5.444	-	5.444	5.657	5.437	6.999	7.056
Model Subtotal, E-4B:			0.798	19.789	34.185	-	34.185	12.957	10.657	6.999	7.056

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Cost (\$ in Millions)

Model	Modification #	Modification Title	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017
E-8C	38198	Prime Mission Equipment - Diminishing Manufacturing Sources (PME- DMS)	-	0.552	48.989	-	48.989	43.353	24.167	24.867	25.754
E-8C	38205	JTRS INTEGRATION	-	10.823	9.981	-	9.981	3.831	-	-	-
Model Subtotal, E-8C:			-	11.375	58.970	-	58.970	47.184	24.167	24.867	25.754

Cost (\$ in Millions)

Model	Modification #	Modification Title	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017
EC-130H/ TC-130H	1001	COMPASS CALL	110.997	153.024	50.024	14.000	64.024	55.878	54.108	56.480	57.552
Model Subtotal, EC-130H/TC-130H:			110.997	153.024	50.024	14.000	64.024	55.878	54.108	56.480	57.552

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Cost (\$ in Millions)

Model	Modification #	Modification Title	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017
F-15 C/D	8797	F-15C Passive Attack Sensor System	-	-	8.000	-	8.000	4.200	4.784	4.784	4.784
Model Subtotal, F-15 C/D:			-	-	8.000	-	8.000	4.200	4.784	4.784	4.784

Cost (\$ in Millions)

Model	Modification #	Modification Title	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017
F-15C	8794	F-15C/D BLOS	-	21.747	11.320	-	11.320	12.226	9.181	-	-
Model Subtotal, F-15C:			-	21.747	11.320	-	11.320	12.226	9.181	-	-

Cost (\$ in Millions)

Model	Modification #	Modification Title	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017
F-15C/D	6158	F-15C/D APG-63(V)3 radar upgrade	133.268	92.991	15.956	-	15.956	176.855	175.780	161.046	9.082

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Cost (\$ in Millions)

Model	Modification #	Modification Title	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017
Model Subtotal, F-15C/D:			133.268	92.991	15.956	-	15.956	176.855	175.780	161.046	9.082

Cost (\$ in Millions)

Model	Modification #	Modification Title	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017
F-15E	1202	F-15E AESA Radar	85.266	99.299	100.000	-	100.000	225.474	227.235	221.925	225.529
Model Subtotal, F-15E:			85.266	99.299	100.000	-	100.000	225.474	227.235	221.925	225.529

Cost (\$ in Millions)

Model	Modification #	Modification Title	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017
F-22	2	INCREMENT3.1	33.637	58.700	33.858	-	33.858	14.702	16.044	13.597	1.580
F-22	3	Reliability and Maintainability Maturation Program	93.577	97.104	114.465	-	114.465	116.288	107.231	66.555	142.097
F-22	5	Arresting Gear System	-	-	2.604	-	2.604	5.432	-	-	-
F-22	6	Structures Retrofit Plan	60.098	54.500	60.361	-	60.361	60.457	34.750	10.896	3.113

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Cost (\$ in Millions)

Model	Modification #	Modification Title	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017
F-22	7	Trainers Modernization	3.733	-	25.081	-	25.081	22.999	9.824	2.804	2.353
Model Subtotal, F-22:			191.045	210.304	236.369	-	236.369	219.878	167.849	93.852	149.143

Cost (\$ in Millions)

Model	Modification #	Modification Title	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017
F-22A	1	COMMON CONFIGURATION	224.030	6.125	11.600	-	11.600	3.511	8.442	16.100	-
F-22A	4	F119 Engine Modifications	18.370	12.976	33.066	-	33.066	67.111	68.225	65.408	70.962
Model Subtotal, F-22A:			242.400	19.101	44.666	-	44.666	70.622	76.667	81.508	70.962

Cost (\$ in Millions)

Model	Modification #	Modification Title	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017
F-35 CTOL	1	JSF F35 Mod	4.610	-	147.995	-	147.995	157.777	245.462	223.683	252.141
Model Subtotal, F-35 CTOL:			4.610	-	147.995	-	147.995	157.777	245.462	223.683	252.141

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Cost (\$ in Millions)

Model	Modification #	Modification Title	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017
HC-130J	8634	HC-130J Common Configuration	-	-	20.400	-	20.400	8.300	5.999	2.892	2.070
HC-130J	8635	HC-130J Personnel Locator System	-	-	-	4.700	4.700	-	-	-	-
Model Subtotal, HC-130J:			-	-	20.400	4.700	25.100	8.300	5.999	2.892	2.070

Cost (\$ in Millions)

Model	Modification #	Modification Title	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017
HC-130P/N	8630	HC-130P/N Personal Locator System	-	-	-	5.400	5.400	-	-	-	-
HC-130P/N	8631	HC-130 Integrated Electronic Warfare (EW) Suite	-	-	-	6.000	6.000	-	-	-	-
Model Subtotal, HC-130P/N:			-	-	-	11.400	11.400	-	-	-	-

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Cost (\$ in Millions)

Model	Modification #	Modification Title	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017
HH-60G	8850	MODE 5	1.738	7.906	7.903	-	7.903	5.609	1.600	6.693	2.600
HH-60G	8852	CSAR Avionics/Electrical Upgrade	-	17.291	7.331	-	7.331	8.134	8.769	3.149	2.000
Model Subtotal, HH-60G:			1.738	25.197	15.234	-	15.234	13.743	10.369	9.842	4.600

Cost (\$ in Millions)

Model	Modification #	Modification Title	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017
KC-10	7726	CNS/ATM	-	-	38.921	-	38.921	64.600	15.200	-	-
KC-10	7731	KC-10 Drag initiative	-	-	0.175	-	0.175	10.100	12.800	3.100	-
KC-10	1	SERVICE BULLETINS	3.042	3.841	6.012	-	6.012	3.088	1.639	3.429	4.219
Model Subtotal, KC-10:			3.042	3.841	45.108	-	45.108	77.788	29.639	6.529	4.219

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Cost (\$ in Millions)

Model	Modification #	Modification Title	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017
MC-12W	9144	C-12 ISR Modifications	15.922	34.067	17.054	-	17.054	31.897	23.517	12.705	12.911
Model Subtotal, MC-12W:			15.922	34.067	17.054	-	17.054	31.897	23.517	12.705	12.911

Cost (\$ in Millions)

Model	Modification #	Modification Title	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017
MC-130J, HC-130J	5	LARGE AIRCRAFT INFRARED COUNTERMEASURES HC/MC-130 Recap	-	-	-	46.100	46.100	-	-	-	-
Model Subtotal, MC-130J, HC-130J:			-	-	-	46.100	46.100	-	-	-	-

Cost (\$ in Millions)

Model	Modification #	Modification Title	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017
MQ-1	4446	Differential GPS	-	6.660	7.978	-	7.978	6.851	-	-	-

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Cost (\$ in Millions)

Model	Modification #	Modification Title	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017
Model Subtotal, MQ-1:			-	6.660	7.978	-	7.978	6.851	-	-	-

Cost (\$ in Millions)

Model	Modification #	Modification Title	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017
MQ-1, MQ-9	4452	GCS PPDL	-	85.113	15.996	-	15.996	-	-	-	-
Model Subtotal, MQ-1, MQ-9:			-	85.113	15.996	-	15.996	-	-	-	-

Cost (\$ in Millions)

Model	Modification #	Modification Title	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017
MQ-9	8679	GCS Blk 50	-	28.383	91.538	-	91.538	73.799	84.335	47.303	24.962
MQ-9	9151	Block 5	-	-	27.438	-	27.438	35.544	36.780	38.041	39.432
MQ-9	9152	MQ-9 Field	-	60.189	46.605	-	46.605	20.298	4.997	3.444	0.420
MQ-9	9153	MTS-B HD	-	10.139	41.677	-	41.677	32.558	33.678	34.833	32.224
MQ-9	9155	GCS Blk 30	-	9.700	5.412	-	5.412	5.642	1.110	-	-

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Cost (\$ in Millions)

Model	Modification #	Modification Title	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017
MQ-9	9156	Ka Migration	-	-	8.061	-	8.061	17.720	15.309	15.705	16.189
MQ-9	9161	IP Migration	-	30.403	12.477	-	12.477	10.137	9.753	-	-
MQ-9	9160	Gorgon Stare	-	74.866	93.461	-	93.461	99.411	20.533	-	-
Model Subtotal, MQ-9:			-	213.680	326.669	-	326.669	295.109	206.495	139.326	113.227

Cost (\$ in Millions)

Model	Modification #	Modification Title	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017
Multiple	1	JOINT TACTICAL RADIO SYSTEM	8.275	58.542	11.639	-	11.639	5.790	4.605	-	-
Model Subtotal, Multiple:			8.275	58.542	11.639	-	11.639	5.790	4.605	-	-

Cost (\$ in Millions)

Model	Modification #	Modification Title	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017
N/A	1680	C-130J Tactics Training	3.227	-	8.145	-	8.145	7.545	-	-	-

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Cost (\$ in Millions)

Model	Modification #	Modification Title	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017
Model Subtotal, N/A:			3.227	-	8.145	-	8.145	7.545	-	-	-

Cost (\$ in Millions)

Model	Modification #	Modification Title	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017
No text provided.	4494	U-2 Mod	-	-	44.477	46.800	91.277	58.674	65.083	25.481	52.808
Model Subtotal, No text provided.:			-	-	44.477	46.800	91.277	58.674	65.083	25.481	52.808

Cost (\$ in Millions)

Model	Modification #	Modification Title	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017
RC-135S, TC-135W	2504	COBRA BALL	15.207	24.331	24.786	-	24.786	25.819	26.509	27.211	27.655
Model Subtotal, RC-135S, TC-135W:			15.207	24.331	24.786	-	24.786	25.819	26.509	27.211	27.655

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Cost (\$ in Millions)

Model	Modification #	Modification Title	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017
RC-135U	4265	COMBAT SENT	9.914	10.096	10.268	-	10.268	10.444	10.776	10.992	11.211
Model Subtotal, RC-135U:			9.914	10.096	10.268	-	10.268	10.444	10.776	10.992	11.211

Cost (\$ in Millions)

Model	Modification #	Modification Title	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017
RC-135V/W & TC-135W	4263	RIVET JOINT	79.836	127.784	130.183	8.000	138.183	135.550	139.175	142.859	145.186
Model Subtotal, RC-135V/W & TC-135W:			79.836	127.784	130.183	8.000	138.183	135.550	139.175	142.859	145.186

Cost (\$ in Millions)

Model	Modification #	Modification Title	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017
T-38C	6088	Pacer Classic III	0.986	25.979	15.808	-	15.808	36.968	35.798	32.162	27.489

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Cost (\$ in Millions)

Model	Modification #	Modification Title	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017
Model Subtotal, T-38C:			0.986	25.979	15.808	-	15.808	36.968	35.798	32.162	27.489

Cost (\$ in Millions)

Model	Modification #	Modification Title	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017
T6-A	37229	ATD Visual System Retrofit	5.635	5.234	5.227	-	5.227	3.866	2.350	-	-
Model Subtotal, T6-A:			5.635	5.234	5.227	-	5.227	3.866	2.350	-	-

Cost (\$ in Millions)

Model	Modification #	Modification Title	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017
VC-25A	9711	C-25 Avionics Modernization Program	-	-	10.500	-	10.500	11.200	-	6.400	10.200
Model Subtotal, VC-25A:			-	-	10.500	-	10.500	11.200	-	6.400	10.200

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ACRONYMS

GENERAL ACRONYMS

ACTD	- Advanced Concept Technology Demonstration
AGM	- Air-to-Ground Missile
AIM	- Air Intercept Missile
AIS	- Avionics Intermediate Shop
ACMI	- Aircraft Combat Maneuvering Instrumentation
AMRAAM	- Advanced Medium-Range Air-to-Air Missile
AUTODIN	- Automated Digital Network
AWACS	- Airborne Warning and Control System
BLSS	- Base Level Self-Sufficiency Spares
BY	- Budget Year
C3	- Command, Control, and Communication System
CFE	- Contractor Furnished Equipment
CONOPS	- Concept of Operation
CONUS	- Continental United States
CPMS	- Comprehensive Power Management System
CPT	- Cockpit Procedures Trainer
CRA	- Continuing Resolution Authority
CTS	- Countermeasures Test Set
CY	- Current Year
DDTE	- Design, Development, Test and Evaluation
ECCM	- Electronic Counter Counter-Measures
ECM	- Electronic Counter Measures
ECO	- Engineering Change Orders
EOQ	- Economic Order Quantity
ECP	- Engineering Change Proposal
EGPWS	- Enhance Ground Proximity Warning System
EPA	- Economic Price Adjustment
EW	- Electronic Warfare
EWAIISP	- Electronic Warfare Avionics Integration Support Facility
FLIR	- Forward Looking Infra Red
FOT&E	- Follow-on Test and Evaluation

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FOC	- Fully Operational Capability
FLTS	- Flight Line Test Set
FPIF	- Fixed Price Incentive Firm
FPIS	- Fixed Price Incentive Fee, Successive Targets
GANS	- Global Access Navigation & Safety
GATM	- Global Air Traffic Management
GFE	- Government Furnished Equipment
GPS	- Global Positioning System
GSE	- Ground Support Equipment
IOC	- Initial Operating Capability
IPE	- Increased Performance Engine
JPALS	- Joint Precision Approach and Landing System
LANTIRN	- Low Altitude Navigation and Targeting Infra Red System for Night
METS	- Mobile Electronic Test Stations
MYP	- Multiyear Procurement
MSIP	- Multi-Stage Improvement Program
NAVWAR	- Navigation Warfare
NMC Rate	- Not Mission Capable Rate
OFF	- Operational Flight Program
OT&E	- Operational Test and Evaluation
OWRM	- Other War Reserve Material
PAGEL	- Priced Aerospace Ground Equipment List
PB	- President's Budget
PGSE	- Peculiar Ground Support Equipment
PMC	- Procurement Method Code
PR	- Purchase Request
PTT	- Part Task Trainer
PY	- Prior Year
R&M	- Reliability and Maintainability
RAA	- Required Asset Availability
RDT&E	- Research, Development, Test and Evaluation
RVSM	- Reduced Vertical Separation Minimum
RWR	- Radar Warning Receiver
ROM	- Rough Order of Magnitude
SAM	- Surface-to-Air Missile
SS	- Sole Source

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SOF	- Special Operation Force
TAF	- Tactical Air Force
TCAS	- Traffic Collision Alert and Avoidance System
TEWS	- Tactical Electronic Warfare System
TISS	- TEWS Intermediate Support System
TOA	- Total Obligation Authority
WMP	- War Mobilization Plan
WRM	- War Reserve Material
WST	- Weapon System Trainer
UAV	- Unmanned Aerial Vehicle
UHF	- Ultra High Frequency
USA	- United States of America
VHSIC	- Very High Speed Integrated Circuit

BASE / ORGANIZATIONAL ACRONYMS

11 WING	- 11th Support Wing
ACC	- Air Combat Command
AETC	- Air Education & Training Command
AFCAO	- Air Force Computer Acquisition Office
AFCESA	- Air Force Civil Engineering Support Agency
AFCIC	- AF Communications & Information Center
AFCSC	- Air Force Cryptologic Service Center
AFESC	- Air Force Engineering Services Center
AFGWC	- Air Force Global Weather Central
AFIT	- Air Force Institute of Technology
AFMC	- Air Force Materiel Command
AFMETCAL	- Air Force Metrology and Calibration Office
AFMLO	- Air Force Medical Logistics Office
AFNEWS	- Air Force Information & News Service Center
AFOSI	- Air Force Office of Special Investigation
AFOTEC	- Air Force Operational Test & Evaluation Center
AFPC	- Air Force Personnel Center
AFPSL	- AF Primary Standards Lab
AFR	- Air Force Reserve
AFSOC	- AF Special Operations Command

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AFSPC	- Air Force Space Command
AIA	- Air Intelligence Agency
ALC	- Air Logistics Center
AMC	- Air Mobility Command
ANG	- Air National Guard
ASC	- Aeronautical Systems Center
AETC	- Air Education Training Command
AU	- Air University
AWS	- Air Weather Service
CIA	- Central Intelligence Agency
DGSC	- Defense General Support Center
DLA	- Defense Logistics Center
DOE	- Department of Energy
DSCC	- Defense Supply Center, Columbus
DPSC	- Defense Personnel Support Center
ER	- Eastern Range
ESC	- Electronic Systems Center
FAA	- Federal Aviation Agency
FBI	- Federal Bureau of Investigation
GSA	- General Services Administration
JCS	- Joint Chiefs of Staff
JCS	- Johnson Space Center
NATO	- North Atlantic Treaty Organization
NBS	- National Bureau of Standards
OSD	- Office of the Secretary of Defense
PACAF	- Pacific Air Forces
USAF	- United States Air Force
USAFA	- United States Air Force Academy
USAFE	- United States Air Force Europe
USCENTCOM	- United States Central Command
USEUCOM	- United States European Command
USMC	- United States Marine Corps
USSTRATCOM	- United States Strategic Command
WPAFB	- Wright-Patterson AFB, OH

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CONTRACT METHOD / TYPE ACRONYMS

C	- Competitive
BA	- Basic Agreement
BOA	- Basic Ordering Agreement
BPA	- Blanket Purchasing Agreement
CS	- Cost Sharing
IDDQ	- Indefinite Delivery, Definite Quantity
IDIQ	- Indefinite Delivery, Indefinite Quantity
IDRT	- Indefinite Delivery, Requirements
Letter	- Letter
LH	- Labor-hour
MIPR	- Military Interdepartmental Purchase Request
MIPR-C	- Military Interdepartmental Purchase Request - Competitive
MIPR-OPT	- Military Interdepartmental Purchase Request - Option
MIPR-OTH	- Military Interdepartmental Purchase Request - Other
MIPR-SS	- Military Interdepartmental Purchase Request - Sole Source
OPT	- Option
OTH	- Other
PO	- Project Order
REQN	- Requisition
SS	- Sole Source
T&M	- Time and Materials
UCA	- Undefinitized Contract Action
WP	- Work Project

CONTRACTED BY ACRONYMS

11 WING	- 11th Support Wing, Washington, DC
ACC	- Air Combat Command, Langley AFB, VA
AEDC	- Arnold Engineering Development Center, Arnold AFB, TN
AAC	- Air Armament Center, Eglin AFB, FL
AEDC	- Arnold Engineering Development Center, Arnold AFB, TN
AETC	- Air Education and Training Command, Randolph AFB, TX
AFCIC	- Air Force Communications and Information Center, Washington, DC
AFCESA	- Air Force Civil Engineering Support Agency, Tyndall AFB, FL
AFFTC	- Air Force Flight Test Center, Edwards AFB, CA

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AFMC	- Air Force Materiel Command, Wright-Patterson AFB, OH
AFMETCAL	- Air Force Metrology and Calibration Office, Heath, Ohio
AFMLO	- Air Force Medical Logistics Office, Ft Detrick, MD
AIA	- Air Intelligence Agency, Kelly AFB, TX
AMC	- Air Mobility Command, Scott AFB, IL
ASC	- Aeronautical Systems Center, Wright-Patterson AFB, OH & Eglin AFB, FL
AFWA	- Air Force Weather Agency, Offutt AFB, NE
DGSC	- Defense General Support Center, Richmond, VA
DPSC	- Defense Personnel Support Center, Philadelphia, PA
ER	- Eastern Range, Patrick AFB, FL
ESC	- Electronic Systems Center, Hanscom AFB, MA
HSC	- Human Services Center, Brook AFB, TX
OC-ALC	- Oklahoma City Air Logistics Center, Tinker AFB, OK
OO-ALC	- Ogden Air Logistics Center, Hill AFB, UT
SMC	- Space & Missile Systems Center, Los Angeles AFB, CA
US STRATCOM	- US Strategic Command, Offutt AFB, NE
WACC	- Washington Area Contracting Center, Washington DC
WR	- Western Range, Vandenberg AFB, CA
WR-ALC	- Warner-Robins Air Logistics Center, Robins AFB, GA
AFSPC	- Air Force Space Command, Peterson AFB, CO
HQ ANG	- Headquarters, Air National Guard, Washington, DC
USAFE	- United States Air Force Europe, Ramstein AB, GE
USAFA	- United States Air Force Academy, Colorado Springs, CO
SSG	- Standard Systems Group, Maxwell AFB-Gunter Annex, AL

IDENTIFICATION CODES

Code "A"	- Line items of material which have been approved for Air Force service use.
Code "B"	- Line items of material that have not been approved for Service use

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

Appropriation / Budget Activity / Budget Sub Activity:
3010F : Aircraft Procurement, Air Force / BA 5 : Modification of Inservice Aircraft / BSA 1 : Strategic Aircraft

P-1 Line Item Nomenclature:
32 - B-2 Mods

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)	720.410	34.486	31.015	82.296	-	82.296	22.562	27.509	31.969	89.239	323.642	1,363.128	
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-	
Net Procurement (P1) (\$ in Millions)	720.410	34.486	31.015	82.296	-	82.296	22.562	27.509	31.969	89.239	323.642	1,363.128	
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-	
Total Obligation Authority (\$ in Millions)	720.410	34.486	31.015	82.296	-	82.296	22.562	27.509	31.969	89.239	323.642	1,363.128	

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

Description:

The B-2 is a multi-engine, long range bomber incorporating low-observable ('stealth') technology, enables penetration of enemy air defenses and strike high-value targets. The primary modification budgeted in FY13 is the Extremely High Frequency (EHF) Satellite Communications (SATCOM) and computers modification. Specific modifications budgeted and programmed are below.

The B-2 low observable efforts previously managed under modification number MN-110035 Low Observable Signature and Supportability Mod, are now managed under modifications:

- MN-110051 LOSSM - Structures;
- MN-110052 LOSSM - Materials; and
- MN-110053 LOSSM - Diagnostics.

Item Schedule		ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
B-2 (See enclosed P-40A)	P40A				705.523			27.033			1.514			8.215			0.000			8.215
EHF SATCOM and Computers - 110026	P3A		-	-	-	-	-	-	-	-	29.501	-	-	65.037	-	-	-	-	-	65.037
B-2 Massive Ordnance Penetrator (MOP) Integration - 110040	P3A		-	-	14.887	-	-	7.453	-	-	-	-	-	7.000	-	-	-	-	-	7.000
LOSSM - Diagnostics - 110053	P3A		-	-	-	-	-	-	-	-	-	-	-	2.044	-	-	-	-	-	2.044

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

Appropriation / Budget Activity / Budget Sub Activity:
3010F : Aircraft Procurement, Air Force / BA 5 : Modification of Inservice Aircraft / BSA 1 : Strategic Aircraft

P-1 Line Item Nomenclature:
32 - B-2 Mods

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 (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Total Gross/Weapon System Cost					720.410			34.486			31.015			82.296			-			82.296
		ID CD	FY 2014			FY 2015			FY 2016			FY 2017			To Complete			Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
B-2 (See enclosed P-40A)	P40A			14.352			16.731			29.331			87.108			323.642			1,213.449	
EHF SATCOM and Computers - 110026	P3A		-	-	7.469	-	-	8.373	-	-	-	-	-	-	-	-	-	-	-	110.380
B-2 Massive Ordnance Penetrator (MOP) Integration - 110040	P3A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	29.340
LOSSM - Diagnostics - 110053	P3A		-	-	0.741	-	-	2.405	-	-	2.638	-	-	2.131	-	-	-	-	-	9.959
Total Gross/Weapon System Cost					22.562			27.509			31.969			89.239			323.642			1,363.128

*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:

With the exception of modifications listed in the P-40A, justification for individual modifications is provided in the P-3A exhibits.

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 1 **P-1 Line Item Nomenclature:** 32 - B-2 Mods **Aggregated Item Name:** B-2

Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
(Uncategorized)																			
1 - B-2 Trainer System Upgrade		-	0	32.331	-	0	0.000	-	0	0.000	-	0	4.038	-	0	0.000	-	0	4.038
<i>Secondary Distribution</i>																			
Air Force Active			0	32.331		0	0.000		0	0.000		0	4.038		0	0.000		0	4.038
2 - LINK 16/CID/IFR		-	0	92.446	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000
<i>Secondary Distribution</i>																			
Air Force Active			0	92.446		0	0.000		0	0.000		0	0.000		0	0.000		0	0.000
3 - RADAR SYSTEM MODIFICATION		-	13	530.378	-	0	8.315	-	0	1.210	-	0	0.000	-	0	0.000	-	0	0.000
<i>Secondary Distribution</i>																			
Air Force Active			13	530.378		0	8.315		0	1.210		0	0.000		0	0.000		0	0.000
4 - LOW OBSERVABLE SIGNATURE AND SUPPORTABILITY MODS		-	0	30.135	-	0	16.120	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000
<i>Secondary Distribution</i>																			
Air Force Active			0	30.135		0	16.120		0	0.000		0	0.000		0	0.000		0	0.000
5 - B-2 Defensive Management System (DMS)		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.000		0	0.000		0	0.000
6 - LOSSM - Structures		-	0	0.000	-	0	0.000	-	0	0.304	-	0	2.895	-	0	0.000	-	0	2.895
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.304		0	2.895		0	0.000		0	2.895
7 - 110052 LOSSM - Materials		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.516	-	0	0.000	-	0	0.516
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.516		0	0.000		0	0.516
8 - B-2 Stores Management Operation Flight Plan (SMOFP) Rehost		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.000		0	0.000		0	0.000

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force														Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 1				P-1 Line Item Nomenclature: 32 - B-2 Mods							Aggregated Item Name: B-2								
Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
9 - Common Very Low Frequency Terminal		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.000		0	0.000		0	0.000
10 - B-2 Low Cost Engine Modifications		-	0	6.082	-	0	0.599	-	0	0.000	-	0	0.383	-	0	0.000	-	0	0.383
<i>Secondary Distribution</i>																			
Air Force Active			0	6.082		0	0.599		0	0.000		0	0.383		0	0.000		0	0.383
11 - LOW COST MODIFICATIONS		-	0	14.151	-	0	1.999	-	0	0.000	-	0	0.383	-	0	0.000	-	0	0.383
<i>Secondary Distribution</i>																			
Air Force Active			0	14.151		0	1.999		0	0.000		0	0.383		0	0.000		0	0.383
<i>Uncategorized Subtotal</i>				705.523			27.033			1.514			8.215			0.000			8.215
Total				705.523			27.033			1.514			8.215			0.000			8.215

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force															Date: February 2012				
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 1					P-1 Line Item Nomenclature: 32 - B-2 Mods										Aggregated Item Name: B-2				
Items († indicates the presence of a P-5A)	ID CD	FY 2014			FY 2015			FY 2016			FY 2017			To Complete			Total		
		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
(Uncategorized)																			
1 - B-2 Trainer System Upgrade		-	0	5.006	-	0	6.477	-	0	6.630	-	0	7.776	-	0	0.000	-	0	62.258
<i>Secondary Distribution</i>																			
Air Force Active			0	5.006		0	6.477		0	6.630		0	7.776						
2 - LINK 16/CID/IFR		-	0	0.140	-	0	0.100	-	0	0.060	-	0	0.000	-	0	0.000	-	0	92.746
<i>Secondary Distribution</i>																			
Air Force Active			0	0.140		0	0.100		0	0.060		0	0.000						
3 - RADAR SYSTEM MODIFICATION		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	13	539.903
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.000						
4 - LOW OBSERVABLE SIGNATURE AND SUPPORTABILITY MODS		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	46.255
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.000						
5 - B-2 Defensive Management System (DMS)		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	310.933	-	0	310.933
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.000						
6 - LOSSM - Structures		-	0	4.089	-	0	4.659	-	0	4.740	-	0	4.901	-	0	0.000	-	0	21.588
<i>Secondary Distribution</i>																			
Air Force Active			0	4.089		0	4.659		0	4.740		0	4.901						
7 - 110052 LOSSM - Materials		-	0	0.901	-	0	1.230	-	0	1.430	-	0	1.920	-	0	0.000	-	0	5.997
<i>Secondary Distribution</i>																			
Air Force Active			0	0.901		0	1.230		0	1.430		0	1.920						
8 - B-2 Stores Management Operation Flight Plan (SMOFF) Rehost		-	0	0.000	-	0	0.000	-	11	12.100	-	6	8.900	-	0	0.000	-	17	21.000
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		11	12.100		6	8.900						

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 1 **P-1 Line Item Nomenclature:** 32 - B-2 Mods **Aggregated Item Name:** B-2

Items († indicates the presence of a P-5A)	ID CD	FY 2014			FY 2015			FY 2016			FY 2017			To Complete			Total		
		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
9 - Common Very Low Frequency Terminal		-	0	0.000	-	0	0.000	-	0	0.000	-	0	59.170	-	0	12.709	-	0	71.879
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	59.170						
10 - B-2 Low Cost Engine Modifications		-	0	1.631	-	0	1.650	-	0	1.690	-	0	1.718	-	0	0.000	-	0	13.753
<i>Secondary Distribution</i>																			
Air Force Active			0	1.631		0	1.650		0	1.690		0	1.718						
11 - LOW COST MODIFICATIONS		-	0	2.585	-	0	2.615	-	0	2.681	-	0	2.723	-	0	0.000	-	0	27.137
<i>Secondary Distribution</i>																			
Air Force Active			0	2.585		0	2.615		0	2.681		0	2.723						
<i>Uncategorized Subtotal</i>				14.352			16.731			29.331			87.108			0.000			1,213.449
Total				14.352			16.731			29.331			87.108			323.642			1,213.449

Remarks:

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Exhibit P-3A, Individual Modification: PB 2013 Air Force							Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 1				P-1 Line Item Nomenclature: 32 - B-2 Mods				Modification Nomenclature <i>(Modification Title, Modification Number):</i> EHF SATCOM and Computers - 110026				
Models of Systems Affected: B-2			Type Modification: Capability Improvement				Related RDT&E PEs: 0101127F					

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)	-	-	29.501	65.037	-	65.037	7.469	8.373	-	-	-	110.380
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	-	29.501	65.037	-	65.037	7.469	8.373	-	-	-	110.380
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	-	-	29.501	65.037	-	65.037	7.469	8.373	-	-	-	110.380

(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 Millions)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The aging Ultra High Frequency (UHF) Military Satellite Communications system is being phased out and replaced by the Advanced Extremely High Frequency (AEHF) Satellite Communications (SATCOM) system. The B-2 Extremely High Frequency (EHF) SATCOM program supports the replacement of the present B-2 UHF Terminal Set with an EHF SATCOM system that will be compatible with the legacy MILSTAR I/II satellite constellation and the future AEHF satellite constellation. The B-2 EHF SATCOM system is one element of a system of systems that includes the AEHF satellites, multiple platforms, and the Family of Advanced Beyond-Line-of-Site Terminals (FAB-T) or other equivalent terminals.

The B-2 EHF SATCOM upgrade is a three increment program. Increment 1, documented in this P-3A MN-110026, will provide upgraded flight management computer processors, increased data storage, re-hosted flight management operational flight program, and a high bandwidth data bus in order to prevent degradation of existing capabilities. Additionally, the Increment 1 Integrated Processing Unit and Disk Drive Unit architectures establish a high speed fiber optic structure network as well as maintain connectivity to legacy interfaces. Increment 1 provides a processing growth path to future B-2 upgrades.

Four kits are developed with Research Development Test and Evaluation (RDT&E) funds for three aircraft installs. The fourth development kit will be refurbished and utilized as a production install via procurement funding. Procurement funding will also accomplish the remaining 16 kit installs for Increment 1, for a total of 20 aircraft. Modification of the training system will be accomplished at the operational base and other locations as required. This effort also includes updating the aircrew and maintenance trainers and academics/courseware. The Production and Deployment phase includes Low Rate Initial Production and Full Rate Production. Life of Type buys may be implemented when appropriate to address diminishing manufacturing sources and materiel shortages for affected components and subassemblies to protect the planned production program by mitigating unplanned part redesign and requalification risks. Funds on the Support Equipment line are for upgrades to related support equipment. EHF Increment 1 will use a two lot buy to save Air Force procurement investment funds. The Air Force Review Board EHF Increment 1 LRIP Milestone C occurred 3 November 2011; LRIP contract award is planned for Spring 2012.

This program has associated RDT&E funding in PE 00101127F.

Installation will be accomplished by a combination of depot and field team (performed by contractors) installations.

Depot Installation Schedule is shown below. Contract field team installation schedule is shown at the end of this exhibit.

	FY-14				FY-15				FY-16			
Quarter	1	2	3	4	1	2	3	4	1	2	3	4
Input		1		1		1		1		1		1
Output					1	1			1	1		

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 1	P-1 Line Item Nomenclature: 32 - B-2 Mods	Modification Nomenclature <i>(Modification Title, Modification Number):</i> EHF SATCOM and Computers - 110026
Models of Systems Affected: B-2	Type Modification: Capability Improvement	Related RDT&E PEs: 0101127F

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Exhibit P-3A, Individual Modification: PB 2013 Air Force									Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 1				P-1 Line Item Nomenclature: 32 - B-2 Mods					Modification Nomenclature (<i>Modification Title, Modification Number</i>): EHF SATCOM and Computers - 110026			
Models of Systems Affected: B-2			Type Modification: Capability Improvement				Related RDT&E PEs: 0101127F					
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
RDT&E PE #												
0101127F	3	376.739	0	52.827	1	57.069	0	6.336	0	0.000	0	6.336
Procurement												
EHF SATCOM and Computers												
A Kits												
Recurring												
INSTALL KITS Group A (Active)	0	0.000	0	0.000	5	9.493	11	16.015	0	0.000	11	16.015
<i>Subtotal Recurring</i>		0.000		0.000		9.493		16.015		0.000		16.015
B Kits												
Recurring												
EQUIPMENT Group B (Active)	0	0.000	0	0.000	5	18.431	11	38.862	0	0.000	11	38.862
EQUIPMENT Group B (Guard)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
<i>Subtotal Recurring</i>		0.000		0.000		18.431		38.862		0.000		38.862
NonRecurring												
EQUIP NONREC Group B (Active)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		0.000
Secondary Distribution												
Air Force Active	0	0.000	0	0.000	5	29.501	11	63.251	0	0.000	11	63.251
<i>Total, EHF SATCOM and Computers</i>	0	0.000	0	0.000	5	27.924	11	54.877	0	0.000	11	54.877
<i>Total, All Modifications</i>		0.000		0.000		27.924		54.877		0.000		54.877
Support												
DATA	0	0.000	0	0.000	0	0.411	0	0.534	0	0.000	0	0.534
SIM/TRAINER	0	0.000	0	0.000	0	0.000	0	5.343	0	0.000	0	5.343
SUPPORT- EQUIP	0	0.000	0	0.000	0	0.415	0	0.782	0	0.000	0	0.782
PMA	0	0.000	0	0.000	0	0.751	0	1.715	0	0.000	0	1.715
<i>Total Support Cost</i>		0.000		0.000		1.577		8.374		0.000		8.374
<i>Procurement Cost (Procurement + Support)</i>		0.000		0.000		29.501		63.251		0.000		63.251
<i>Total Installation Cost</i>		0.000		0.000		0.000		1.786		0.000		1.786
Total Cost (Procurement + Support + Installation)		0.000		0.000		29.501		65.037		0.000		65.037

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Exhibit P-3A, Individual Modification: PB 2013 Air Force									Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 1			P-1 Line Item Nomenclature: 32 - B-2 Mods						Modification Nomenclature (<i>Modification Title, Modification Number</i>): EHF SATCOM and Computers - 110026			
Models of Systems Affected: B-2			Type Modification: Capability Improvement				Related RDT&E PEs: 0101127F					
Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
RDT&E PE #												
0101127F	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	4	492.971
Procurement												
EHF SATCOM and Computers												
A Kits												
Recurring												
INSTALL KITS Group A (Active)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	16	25.508
<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>25.508</i>
B Kits												
Recurring												
EQUIPMENT Group B (Active)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	16	57.293
EQUIPMENT Group B (Guard)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
<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>57.293</i>
NonRecurring												
EQUIP NONREC Group B (Active)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
<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>0.000</i>
Secondary Distribution												
Air Force Active	0	2.170	0	0.911	0	0.000	0	0.000	-	-	-	-
<i>Total, EHF SATCOM and Computers</i>	<i>0</i>	<i>0.000</i>	<i>0</i>	<i>0.000</i>	<i>0</i>	<i>0.000</i>	<i>0</i>	<i>0.000</i>	<i>0</i>	<i>0.000</i>	<i>16</i>	<i>82.801</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>82.801</i>
Support												
DATA	0	0.000	0	0.659	0	0.000	0	0.000	0	0.000	0	1.604
SIM/TRAINER	0	0.800	0	0.000	0	0.000	0	0.000	0	0.000	0	6.143
SUPPORT- EQUIP	0	1.163	0	0.000	0	0.000	0	0.000	0	0.000	0	2.360
PMA	0	0.207	0	0.252	0	0.000	0	0.000	0	0.000	0	2.925
<i>Total Support Cost</i>		<i>2.170</i>		<i>0.911</i>		<i>0.000</i>		<i>0.000</i>		<i>0.000</i>		<i>13.032</i>
<i>Procurement Cost (Procurement + Support)</i>		<i>2.170</i>		<i>0.911</i>		<i>0.000</i>		<i>0.000</i>		<i>0.000</i>		<i>95.833</i>
<i>Total Installation Cost</i>		<i>5.299</i>		<i>7.462</i>		<i>0.000</i>		<i>0.000</i>		<i>0.000</i>		<i>14.547</i>
Total Cost (Procurement + Support + Installation)		7.469		8.373		0.000		0.000		0.000		110.380

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 1		P-1 Line Item Nomenclature: 32 - B-2 Mods
		Modification Nomenclature <i>(Modification Title, Modification Number):</i> EHF SATCOM and Computers - 110026
Models of Systems Affected: B-2	Type Modification: Capability Improvement	Related RDT&E PEs: 0101127F

Remarks:

Manufacturer Information: EHF SATCOM and Computers

Manufacturer Name: Northrup Grumman	Manufacturer Location: El Segundo, CA
Administrative Leadtime <i>(in Months)</i> : 3	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 2012	Apr 2013				
Delivery Dates		Sep 2013	Oct 2014				

Installation: EHF SATCOM and Computers **Method of Implementation:** Combination **Installation Name:**

Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ 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	-	-	-	-	-	-	2	1.786	-	-	2	1.786
Secondary Distribution - Air Force Active	-	-	-	-	-	-	2	1.786	-	-	2	1.786
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	0	0.000	-	-	0	0.000
Secondary Distribution - Air Force Active	-	-	-	-	-	-	0	0.000	-	-	0	0.000
Total	-	-	-	-	-	-	2	1.786	-	-	2	1.786
Secondary Distribution - Air Force Active	-	-	-	-	-	-	2	1.786	-	-	2	1.786

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ 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	3.532	-	-	-	-	-	-	0	0.000	6	5.318

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 1		P-1 Line Item Nomenclature: 32 - B-2 Mods
Modification Nomenclature (Modification Title, Modification Number): EHF SATCOM and Computers - 110026		
Models of Systems Affected: B-2	Type Modification: Capability Improvement	Related RDT&E PEs: 0101127F

Installation: EHF SATCOM and Computers	Method of Implementation: Combination	Installation Name:
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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)
Secondary Distribution - Air Force Active	4	3.532	-	-	-	-	-	-	-	-	-	-
FY 2013	2	1.767	9	7.462	-	-	-	-	0	0.000	11	9.229
Secondary Distribution - Air Force Active	2	1.767	9	7.462	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	0	0.000	0	0.000	-	-	-	-	0	0.000	0	0.000
Secondary Distribution - Air Force Active	0	0.000	0	0.000	-	-	-	-	-	-	-	-
Total	6	5.299	9	7.462	-	-	-	-	0	0.000	17	14.547
Secondary Distribution - Air Force Active	6	5.299	9	7.462	-	-	-	-	-	-	-	-

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	0	0	0	0	0	0	0	0	0	0	0	0	2	0	1	2	3	1	3	3	2	0	0	0	0	0	0	0	0	0	0	0	17
Out	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2	2	2	3	2	2	1	1	0	0	0	0	0	0	0	17	

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 1	P-1 Line Item Nomenclature: 32 - B-2 Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): B-2 Massive Ordnance Penetrator (MOP) Integration - 110040

Models of Systems Affected: B-2	Type Modification: Capability Improvement	Related RDT&E PEs: 0101127F
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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)	14.887	7.453	-	7.000	-	7.000	-	-	-	-	-	29.340
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	14.887	7.453	-	7.000	-	7.000	-	-	-	-	-	29.340
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	14.887	7.453	-	7.000	-	7.000	-	-	-	-	-	29.340

(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 Millions)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The B-2 is the only anti-access penetrating platform capable of delivering the Massive Ordnance Penetrator (MOP) against hardened, deeply buried targets. Integration of the 30,000 lb class MOP provides the nation with the ability to hold additional hardened, deeply buried targets at risk beyond those achievable with current munitions. The MOP integration program will design, develop, integrate, and test hardware and software required for carriage, jettison, and release of MOP from the B-2.

Basic armament improvements include, but are not limited to, stores management hardware and software modernization and improvements to enable a simultaneous configuration of the Rotary Launcher Assemblies (RLA) and the Smart Bomb Rack Assemblies (SBRA) or MOP Monitor and Control Equipment (MACE), thus affording maximum strike flexibility. The initial MOP Quick Reaction Capability (QRC) will be expanded to include a fully developed Launch Acceptability Region, dual fuze control, single Smart Bomb Rack Controller (SBRC) per bay weapon control and monitor, and mixed carriage capability with SBRA. Further expansion will include the addition of the Global Positioning System (GPS) signal into the B-2 weapons bays to allow the MACE weapons, SBRA weapons, and RLA weapons to acquire and track GPS satellites prior to weapon release, improving delivery accuracy in a jamming environment.

Procurement of B-2 MOP MACE began in FY10 and procurement of SBRCs began in FY11. The procurement effort produces five additional ship sets (ten kits) of MACE, ten additional SBRCs, four additional sets of Test Program Sets, and formalizes technical data. MACE and SBRCs are removable equipment installed in each weapon bay when a MOP weapon is uploaded.

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Exhibit P-3A, Individual Modification: PB 2013 Air Force									Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 1				P-1 Line Item Nomenclature: 32 - B-2 Mods					Modification Nomenclature (<i>Modification Title, Modification Number</i>): B-2 Massive Ordnance Penetrator (MOP) Integration - 110040			
Models of Systems Affected: B-2			Type Modification: Capability Improvement					Related RDT&E PEs: 0101127F				
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
RDT&E PE #												
0101127F	0	78.582	0	0.834	0	0.000	0	0.000	0	0.000	0	0.000
Procurement												
B-2 Massive Ordnance Penetrator (MOP) Integration												
A Kits												
Recurring												
INSTALL KITS Group A (Active)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
<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>0.000</i>
B Kits												
Recurring												
EQUIPMENT Group B (Active)	7	14.887	3	7.453	0	0.000	0	0.000	0	0.000	0	0.000
<i>Subtotal Recurring</i>		<i>14.887</i>		<i>7.453</i>		<i>0.000</i>		<i>0.000</i>		<i>0.000</i>		<i>0.000</i>
NonRecurring												
EQUIP NONREC Group B (Active)	0	0.000	0	0.000	0	0.000	0	7.000	0	0.000	0	7.000
<i>Subtotal NonRecurring</i>		<i>0.000</i>		<i>0.000</i>		<i>0.000</i>		<i>7.000</i>		<i>0.000</i>		<i>7.000</i>
Secondary Distribution												
Air Force Active	0	14.887	0	7.453	0	0.000	0	7.000	0	0.000	0	7.000
<i>Total, B-2 Massive Ordnance Penetrator (MOP) Integration</i>	<i>0</i>	<i>14.887</i>	<i>0</i>	<i>7.453</i>	<i>0</i>	<i>0.000</i>	<i>0</i>	<i>7.000</i>	<i>0</i>	<i>0.000</i>	<i>0</i>	<i>7.000</i>
<i>Total, All Modifications</i>		<i>14.887</i>		<i>7.453</i>		<i>0.000</i>		<i>7.000</i>		<i>0.000</i>		<i>7.000</i>
<i>Procurement Cost (Procurement + Support)</i>		<i>14.887</i>		<i>7.453</i>		<i>0.000</i>		<i>7.000</i>		<i>0.000</i>		<i>7.000</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>0.000</i>
Total Cost (Procurement + Support + Installation)		14.887		7.453		0.000		7.000		0.000		7.000
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)
RDT&E PE #												
0101127F	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	79.416
Procurement												

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 1	P-1 Line Item Nomenclature: 32 - B-2 Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): B-2 Massive Ordnance Penetrator (MOP) Integration - 110040

Models of Systems Affected: B-2	Type Modification: Capability Improvement	Related RDT&E PEs: 0101127F
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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-2 Massive Ordnance Penetrator (MOP) Integration												
A Kits												
Recurring												
INSTALL KITS Group A (Active)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		0.000
B Kits												
Recurring												
EQUIPMENT Group B (Active)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	10	22.340
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		22.340
NonRecurring												
EQUIP NONREC Group B (Active)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	7.000
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		7.000
Secondary Distribution												
Air Force Active	0	0.000	0	0.000	0	0.000	0	0.000	-	-	-	-
<i>Total, B-2 Massive Ordnance Penetrator (MOP) Integration</i>	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	29.340
<i>Total, All Modifications</i>		0.000		0.000		0.000		0.000		0.000		29.340
<i>Procurement Cost (Procurement + Support)</i>		0.000		0.000		0.000		0.000		0.000		29.340
<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		29.340

Remarks:

Manufacturer Information: B-2 Massive Ordnance Penetrator (MOP) Integration	
Manufacturer Name: Northrop Grumman Corp	Manufacturer Location: El Segundo CA
Administrative Leadtime (in Months): 3	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 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 1	P-1 Line Item Nomenclature: 32 - B-2 Mods	Modification Nomenclature <i>(Modification Title, Modification Number):</i> B-2 Massive Ordnance Penetrator (MOP) Integration - 110040
Models of Systems Affected: B-2	Type Modification: Capability Improvement	Related RDT&E PEs: 0101127F
Installation: B-2 Massive Ordnance Penetrator (MOP) Integration	Method of Implementation: Org/Intermediate	Installation Quantity: 0

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 1	P-1 Line Item Nomenclature: 32 - B-2 Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): LOSSM - Diagnostics - 110053

Models of Systems Affected: B-2A	Type Modification: Reliability & Maintainability	Related RDT&E PEs: 0101127F
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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)	-	-	-	2.044	-	2.044	0.741	2.405	2.638	2.131	-	9.959
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	-	-	2.044	-	2.044	0.741	2.405	2.638	2.131	-	9.959
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	-	-	-	2.044	-	2.044	0.741	2.405	2.638	2.131	-	9.959

(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 Millions)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The Low Observable Signature & Supportability Modifications (LOSSM) program supports the B-2's ability to penetrate anti-access combat environments, performing missions directed by the National Command Authority, while ensuring aircrew survivability. LOSSM diagnostics equipment projects help reduce low observable (LO) maintenance, increase aircraft availability, maintain and improve the combat-ready LO signature for the B-2 fleet. This program incorporates multiple radio-frequency (RF) diagnostics tools and evaluation systems improvement projects including, but not limited to, SCI-2k radar, Tier One Material Inspection System, Signature Diagnostic System, LO-related special test equipment, and B-2 specific improvements/efforts to Air Force Research Laboratory's Mobile Diagnostics Laboratory.

Modifications to diagnostic equipment are typically provided by contractors, either at the government site or the contractor site. Various lead times are required for the modifications causing different contracting and delivery dates. This program is essential to the B-2's Anti-Access and Global Strike mission and supports Aircraft Availability Improvement goals.

The B-2 low observable efforts previously managed under modification number MN-110035 are now managed under modifications:

MN-110051 LOSSM - Structures;
 MN-110052 LOSSM - Materials; and
 MN-110053 LOSSM - Diagnostics.

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Exhibit P-3A, Individual Modification: PB 2013 Air Force										Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 1					P-1 Line Item Nomenclature: 32 - B-2 Mods					Modification Nomenclature (<i>Modification Title, Modification Number</i>): LOSSM - Diagnostics - 110053			
Models of Systems Affected: B-2A				Type Modification: Reliability & Maintainability				Related RDT&E PEs: 0101127F					
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
RDT&E PE #													
0101127F	0	0.000	0	0.000	0	1.323	0	0.411	0	0.000	0	0.411	
Procurement													
LOSSM - Diagnostics													
Secondary Distribution													
Air Force Active	0	0.000	0	0.000	0	0.000	0	2.044	0	0.000	0	2.044	
<i>Total, LOSSM - Diagnostics</i>	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	
<i>Total, All Modifications</i>		0.000		0.000		0.000		0.000		0.000		0.000	
Support													
SUPPORT- EQUIP	0	0.000	0	0.000	0	0.000	0	2.044	0	0.000	0	2.044	
<i>Total Support Cost</i>		0.000		0.000		0.000		2.044		0.000		2.044	
<i>Procurement Cost (Procurement + Support)</i>		0.000		0.000		0.000		2.044		0.000		2.044	
<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		2.044		0.000		2.044	
Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
RDT&E PE #													
0101127F	0	0.417	0	0.425	0	0.434	0	0.439	0	0.000	0	3.449	
Procurement													
LOSSM - Diagnostics													
Secondary Distribution													
Air Force Active	0	0.741	0	2.405	0	2.638	0	2.131	-	-	-	-	
<i>Total, LOSSM - Diagnostics</i>	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	
<i>Total, All Modifications</i>		0.000		0.000		0.000		0.000		0.000		0.000	
Support													
SUPPORT- EQUIP	0	0.741	0	2.405	0	2.638	0	2.131	0	0.000	0	9.959	
<i>Total Support Cost</i>		0.741		2.405		2.638		2.131		0.000		9.959	

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 1	P-1 Line Item Nomenclature: 32 - B-2 Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): LOSSM - Diagnostics - 110053

Models of Systems Affected: B-2A	Type Modification: Reliability & Maintainability	Related RDT&E PEs: 0101127F
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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>		0.741		2.405		2.638		2.131		0.000		9.959
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		0.741		2.405		2.638		2.131		0.000		9.959

Remarks:

Manufacturer Information: LOSSM - Diagnostics

Manufacturer Name: Various	Manufacturer Location: Various
Administrative Leadtime (<i>in Months</i>): 3	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: LOSSM - Diagnostics	Method of Implementation: Org/Intermediate	Installation Quantity: 0
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Exhibit P-40, Budget Item Justification Sheet: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity:
3010F : Aircraft Procurement, Air Force / BA 5 : Modification of Inservice Aircraft / BSA 1 : Strategic Aircraft

P-1 Line Item Nomenclature:
33 - B-1 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)	232.177	207.485	198.007	149.756	-	149.756	132.481	91.603	111.160	113.179	256.596	1,492.444
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	232.177	207.485	198.007	149.756	-	149.756	132.481	91.603	111.160	113.179	256.596	1,492.444
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	232.177	207.485	198.007	149.756	-	149.756	132.481	91.603	111.160	113.179	256.596	1,492.444

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

Description:

This line item funds modifications to the B-1B aircraft and associated simulators and equipment. The specific modifications budgeted and programmed are below.

Item Schedule		ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
B-1 (See enclosed P-40A)	P40A				175.546			30.384			9.277			6.046			0.000			6.046
FULLY INTEGRATED DATA LINKS - 4280	P3A		-	-	-	-	-	52.956	-	-	58.874	-	-	57.073	-	-	-	-	-	57.073
Simulator Digital Control Loading - 4283	P3A		-	-	-	-	-	-	-	-	-	-	2.700	-	-	-	-	-	-	2.700
CITS UPGRADE - 4284	P3A		-	-	-	-	-	20.933	-	-	15.683	-	-	17.549	-	-	-	-	-	17.549
Inertial Navigation System (INS) - 4286	P3A		-	-	-	-	-	17.000	-	-	35.999	-	-	21.447	-	-	-	-	-	21.447
RADAR IMPROVEMENT UPGRADE - 8411	P3A		-	-	56.631	-	-	59.126	-	-	44.302	-	-	10.512	-	-	-	-	-	10.512
VERTICAL SITUATION DISPLAYS - 8971	P3A		-	-	-	-	-	27.086	-	-	33.872	-	-	34.429	-	-	-	-	-	34.429
Total Gross/Weapon System Cost					232.177			207.485			198.007			149.756			-			149.756

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

Appropriation / Budget Activity / Budget Sub Activity:
3010F : Aircraft Procurement, Air Force / BA 5 : Modification of Inservice Aircraft / BSA 1 : Strategic Aircraft

P-1 Line Item Nomenclature:
33 - B-1 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 (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
B-1 (See enclosed P-40A)	P40A				6.407			2.781			2.366			2.180			1.367			236.354
FULLY INTEGRATED DATA LINKS - 4280	P3A		-	-	48.234	-	-	37.241	-	-	50.017	-	-	51.539	-	-	97.943	-	-	453.877
Simulator Digital Control Loading - 4283	P3A		-	-	2.800	-	-	2.937	-	-	-	-	-	-	-	-	-	-	-	8.437
CITS UPGRADE - 4284	P3A		-	-	17.834	-	-	13.895	-	-	16.914	-	-	17.054	-	-	50.052	-	-	169.914
Inertial Navigation System (INS) - 4286	P3A		-	-	19.192	-	-	2.231	-	-	-	-	-	-	-	-	-	-	-	95.869
RADAR IMPROVEMENT UPGRADE - 8411	P3A		-	-	1.692	-	-	2.586	-	-	0.242	-	-	-	-	-	-	-	-	175.091
VERTICAL SITUATION DISPLAYS - 8971	P3A		-	-	36.322	-	-	29.932	-	-	41.621	-	-	42.406	-	-	107.234	-	-	352.902
Total Gross/Weapon System Cost					132.481			91.603			111.160			113.179			256.596			1,492.444

*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:
With the exception of modifications listed in the P-40A, justification for individual modifications is provided in the P-3A exhibits.

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 1 **P-1 Line Item Nomenclature:** 33 - B-1 Mods **Aggregated Item Name:** B-1

Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
(Uncategorized)																			
1 - Self Contained Attitude Indicator		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.000		0	0.000		0	0.000
2 - Gyro Stabilization System (GSS)		-	59	42.831	-	5	8.735	-	0	4.476	-	0	4.526	-	0	0.000	-	0	4.526
<i>Secondary Distribution</i>																			
Air Force Active			59	42.831		5	8.735		0	4.476		0	4.526		0	0.000		0	4.526
Air National Guard			0	0.000		0	0.000		0	0.000		0	0.000		0	0.000		0	0.000
3 - Wheel&Brake Fuses		-	66	8.911	-	0	0.618	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000
<i>Secondary Distribution</i>																			
Air Force Active			66	8.911		0	0.618		0	0.000		0	0.000		0	0.000		0	0.000
4 - ENGINE FEED-LINE		-	66	0.635	-	0	0.884	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000
<i>Secondary Distribution</i>																			
Air Force Active			66	0.635		0	0.884		0	0.000		0	0.000		0	0.000		0	0.000
5 - B-1 TRAINING SUPPORT		-	0	0.385	-	0	0.394	-	0	0.301	-	0	0.269	-	0	0.000	-	0	0.269
<i>Secondary Distribution</i>																			
Air Force Active			0	0.385		0	0.394		0	0.301		0	0.269		0	0.000		0	0.269
6 - Digital Communications		-	64	27.491	-	0	5.257	-	0	1.600	-	0	0.000	-	0	0.000	-	0	0.000
<i>Secondary Distribution</i>																			
Air Force Active			64	27.491		0	5.257		0	1.600		0	0.000		0	0.000		0	0.000
7 - B-1 Link 16 Crypto		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.000		0	0.000		0	0.000
8 - LAPTOP CONTROLLED TARGETING POD		-	66	61.776	-	0	4.882	-	0	1.000	-	0	0.000	-	0	0.000	-	0	0.000
<i>Secondary Distribution</i>																			
Air Force Active			66	61.776		0	4.882		0	1.000		0	0.000		0	0.000		0	0.000
9 - Pylon for External Stores		-	55	33.505	-	3	8.500	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000
<i>Secondary Distribution</i>																			
Air Force Active			55	33.505		3	8.500		0	0.000		0	0.000		0	0.000		0	0.000

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity:
3010F / BA 5 / BSA 1

P-1 Line Item Nomenclature:
33 - B-1 Mods

Aggregated Item Name:
B-1

Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
10 - LOW COST MODIFICATIONS		-	0	0.012	-	0	1.114	-	0	1.900	-	0	1.251	-	0	0.000	-	0	1.251
<i>Secondary Distribution</i>																			
Air Force Active			0	0.012		0	1.114		0	1.900		0	1.251		0	0.000		0	1.251
Uncategorized Subtotal				175.546			30.384			9.277			6.046			0.000			6.046
Total				175.546			30.384			9.277			6.046			0.000			6.046

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 1 **P-1 Line Item Nomenclature:** 33 - B-1 Mods **Aggregated Item Name:** B-1

Items († indicates the presence of a P-5A)	ID CD	FY 2014			FY 2015			FY 2016			FY 2017			To Complete			Total		
		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
(Uncategorized)																			
1 - Self Contained Attitude Indicator		-	12	1.700	-	12	2.025	-	12	1.835	-	12	1.730	-	10	1.367	-	58	8.657
<i>Secondary Distribution</i>																			
Air Force Active			12	1.700		12	2.025		12	1.835		12	1.730						
2 - Gyro Stabilization System (GSS)		-	0	4.153	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	64	64.721
<i>Secondary Distribution</i>																			
Air Force Active			0	4.153		0	0.000		0	0.000		0	0.000						
Air National Guard			0	0.000		0	0.000		0	0.000		0	0.000						
3 - Wheel&Brake Fuses		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	66	9.529
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.000						
4 - ENGINE FEED-LINE		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	66	1.519
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.000						
5 - B-1 TRAINING SUPPORT		-	0	0.333	-	0	0.431	-	0	0.442	-	0	0.450	-	0	0.000	-	0	3.005
<i>Secondary Distribution</i>																			
Air Force Active			0	0.333		0	0.431		0	0.442		0	0.450						
6 - Digital Communications		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	64	34.348
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.000						
7 - B-1 Link 16 Crypto		-	21	0.221	-	31	0.325	-	8	0.089	-	0	0.000	-	0	0.000	-	60	0.635
<i>Secondary Distribution</i>																			
Air Force Active			21	0.221		31	0.325		8	0.089		0	0.000						
8 - LAPTOP CONTROLLED TARGETING POD		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	66	67.658
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.000						
9 - Pylon for External Stores		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	58	42.005
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.000						

UNCLASSIFIED

Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 1 **P-1 Line Item Nomenclature:** 33 - B-1 Mods **Aggregated Item Name:** B-1

Items († indicates the presence of a P-5A)	ID CD	FY 2014			FY 2015			FY 2016			FY 2017			To Complete			Total		
		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
10 - LOW COST MODIFICATIONS		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	4.277
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.000						
Uncategorized Subtotal				6.407			2.781			2.366			2.180			0.000			236.354
Total				6.407			2.781			2.366			2.180			1.367			236.354

Remarks:

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 1	P-1 Line Item Nomenclature: 33 - B-1 Mods	Modification Nomenclature <i>(Modification Title, Modification Number):</i> FULLY INTEGRATED DATA LINKS - 4280

Models of Systems Affected: B-1B	Type Modification: Capability Improvement	Related RDT&E PEs: 0101126F
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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)	-	52.956	58.874	57.073	-	57.073	48.234	37.241	50.017	51.539	97.943	453.877
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	52.956	58.874	57.073	-	57.073	48.234	37.241	50.017	51.539	97.943	453.877
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	-	52.956	58.874	57.073	-	57.073	48.234	37.241	50.017	51.539	97.943	453.877

(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 Millions)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The Fully Integrated Data Link (FIDL) is a net-centric warfare upgrade enabling full B-1 participation in joint combat and time-critical targeting operations. FIDL adds "permanent" line-of-sight and beyond line-of-sight command and control (C2) connectivity through addition of the Link 16 and Joint Range Extension (JRE) data link. This modification also upgrades rear cockpit crew station displays and adds an Ethernet infrastructure enabling rapid airborne retargeting by high-speed transfer of aircraft information to all four crew stations and on-board weapons. FIDL installations are scheduled concurrently with Central Integrated Test System (CITS) and Vertical Situation Display Upgrade (VSDU) to reduce installation costs, aircraft downtime, and to keep fielded aircraft configurations to a minimum for aircrew training, maintenance, and operational deployment efficiencies. Modification funding will be used for Diminishing Manufacturing Sources and Material Shortages (DMSMS). DMSMS activities can include, but are not limited to, Life of Type (LOT) buy or minor redesign. Procurement modification funding will be used to establish depot repair capability. Activities included in the equipment non-recurring line include, but are not limited to, Diminishing Manufacturing Sources (DMS), production test equip and tooling. Group B Non-Recurring also includes Systems Engineering Program Management (SEPM).

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Exhibit P-3A, Individual Modification: PB 2013 Air Force									Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 1				P-1 Line Item Nomenclature: 33 - B-1 Mods					Modification Nomenclature (<i>Modification Title, Modification Number</i>): FULLY INTEGRATED DATA LINKS - 4280			
Models of Systems Affected: B-1B			Type Modification: Capability Improvement					Related RDT&E PEs: 0101126F				
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
RDT&E PE #												
0101126F	0	0.000	0	4.574	0	0.947	0	0.000	0	0.000	0	0.000
Procurement												
FULLY INTEGRATED DATA LINKS												
A Kits												
Recurring												
INSTALL KITS Group A (Active)	0	0.000	4	1.489	9	2.989	10	3.321	0	0.000	10	3.321
<i>Subtotal Recurring</i>		0.000		1.489		2.989		3.321		0.000		3.321
B Kits												
Recurring												
EQUIPMENT Group B (Active)	0	0.000	4	8.234	9	16.508	10	18.264	0	0.000	10	18.264
<i>Subtotal Recurring</i>		0.000		8.234		16.508		18.264		0.000		18.264
NonRecurring												
EQUIP NONREC Group B (Active)	0	0.000	0	36.207	0	9.480	0	8.631	0	0.000	0	8.631
<i>Subtotal NonRecurring</i>		0.000		36.207		9.480		8.631		0.000		8.631
Secondary Distribution												
Air Force Active	0	0.000	4	52.956	9	56.165	10	49.663	0	0.000	10	49.663
<i>Total, FULLY INTEGRATED DATA LINKS</i>	0	0.000	4	45.930	9	28.977	10	30.216	0	0.000	10	30.216
<i>Total, All Modifications</i>		0.000		45.930		28.977		30.216		0.000		30.216
Support												
CHANGE ORDERS	0	0.000	0	0.684	0	3.617	0	3.029	0	0.000	0	3.029
DATA	0	0.000	0	0.000	0	1.056	0	0.000	0	0.000	0	0.000
SIM/TRAINER	0	0.000	0	0.000	0	0.000	0	0.152	0	0.000	0	0.152
SUPPORT- EQUIP	0	0.000	0	4.751	0	11.110	0	8.005	0	0.000	0	8.005
Depot Stand-up	0	0.000	0	0.000	0	4.996	0	3.810	0	0.000	0	3.810
ICS-Labor	0	0.000	0	0.000	0	0.437	0	0.071	0	0.000	0	0.071
ICS-Material	0	0.000	0	0.000	0	1.453	0	0.000	0	0.000	0	0.000
OTHER GOVT	0	0.000	0	1.418	0	2.450	0	1.146	0	0.000	0	1.146

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 1	P-1 Line Item Nomenclature: 33 - B-1 Mods	Modification Nomenclature (Modification Title, Modification Number): FULLY INTEGRATED DATA LINKS - 4280

Models of Systems Affected: B-1B	Type Modification: Capability Improvement	Related RDT&E PEs: 0101126F
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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)
PMA - Contractor Services	0	0.000	0	0.156	0	1.716	0	2.251	0	0.000	0	2.251
PMA - Gov't Costs	0	0.000	0	0.017	0	0.353	0	0.983	0	0.000	0	0.983
<i>Total Support Cost</i>		0.000		7.026		27.188		19.447		0.000		19.447
<i>Procurement Cost (Procurement + Support)</i>		0.000		52.956		56.165		49.663		0.000		49.663
<i>Total Installation Cost</i>		0.000		0.000		2.709		7.410		0.000		7.410
Total Cost (Procurement + Support + Installation)		0.000		52.956		58.874		57.073		0.000		57.073

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
RDT&E PE #												
0101126F	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	5.521
Procurement												
FULLY INTEGRATED DATA LINKS												
A Kits												
Recurring												
INSTALL KITS Group A (Active)	5	1.980	5	2.040	7	2.723	8	3.109	10	3.803	58	21.454
<i>Subtotal Recurring</i>		1.980		2.040		2.723		3.109		3.803		21.454
B Kits												
Recurring												
EQUIPMENT Group B (Active)	5	10.679	5	11.000	7	14.834	8	17.007	10	20.957	58	117.483
<i>Subtotal Recurring</i>		10.679		11.000		14.834		17.007		20.957		117.483
NonRecurring												
EQUIP NONREC Group B (Active)	0	8.173	0	6.377	0	6.693	0	5.484	0	5.240	0	86.285
<i>Subtotal NonRecurring</i>		8.173		6.377		6.693		5.484		5.240		86.285
Secondary Distribution												
Air Force Active	5	33.239	5	26.880	7	37.502	8	38.495	-	-	-	-
<i>Total, FULLY INTEGRATED DATA LINKS</i>	5	20.832	5	19.417	7	24.250	8	25.600	10	30.000	58	225.222
<i>Total, All Modifications</i>		20.832		19.417		24.250		25.600		30.000		225.222

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 1	P-1 Line Item Nomenclature: 33 - B-1 Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): FULLY INTEGRATED DATA LINKS - 4280

Models of Systems Affected: B-1B	Type Modification: Capability Improvement	Related RDT&E PEs: 0101126F
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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												
CHANGE ORDERS	0	2.376	0	1.267	0	2.061	0	2.172	0	1.429	0	16.635
DATA	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	1.056
SIM/TRAINER	0	0.148	0	1.162	0	3.499	0	2.455	0	0.000	0	7.416
SUPPORT- EQUIP	0	5.419	0	0.234	0	0.000	0	0.000	0	0.000	0	29.519
Depot Stand-up	0	0.159	0	0.000	0	0.000	0	0.000	0	0.000	0	8.965
ICS-Labor	0	0.420	0	1.063	0	1.693	0	2.226	0	9.552	0	15.462
ICS-Material	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	1.453
OTHER GOVT	0	1.097	0	0.714	0	2.769	0	2.776	0	7.050	0	19.420
PMA - Contractor Services	0	1.694	0	2.485	0	2.649	0	2.672	0	0.000	0	13.623
PMA - Gov't Costs	0	1.094	0	0.538	0	0.581	0	0.594	0	0.000	0	4.160
<i>Total Support Cost</i>		<i>12.407</i>		<i>7.463</i>		<i>13.252</i>		<i>12.895</i>		<i>18.031</i>		<i>117.709</i>
<i>Procurement Cost (Procurement + Support)</i>		<i>33.239</i>		<i>26.880</i>		<i>37.502</i>		<i>38.495</i>		<i>48.031</i>		<i>342.931</i>
<i>Total Installation Cost</i>		<i>14.995</i>		<i>10.361</i>		<i>12.515</i>		<i>13.044</i>		<i>49.912</i>		<i>110.946</i>
Total Cost (Procurement + Support + Installation)		48.234		37.241		50.017		51.539		97.943		453.877

Remarks:

Manufacturer Information: FULLY INTEGRATED DATA LINKS

Manufacturer Name: Boeing	Manufacturer Location: Oklahoma City, OK
Administrative Leadtime (in Months): 3	Production Leadtime (in Months): 16

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates	Jun 2011	Feb 2012	Feb 2013	Feb 2014	Feb 2015	Feb 2016	Feb 2017
Delivery Dates	Sep 2012	Jun 2013	Jun 2014	Jun 2015	Jun 2016	Jun 2017	Jun 2018

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 1	P-1 Line Item Nomenclature: 33 - B-1 Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): FULLY INTEGRATED DATA LINKS - 4280
Models of Systems Affected: B-1B	Type Modification: Capability Improvement	Related RDT&E PEs: 0101126F

Installation: FULLY INTEGRATED DATA LINKS		Method of Implementation: Depot					Installation Name:					
Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ 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	2.709	3	5.558	-	-	3	5.558
Secondary Distribution - Air Force Active	-	-	-	-	1	2.709	3	5.558	-	-	3	5.558
FY 2012	-	-	-	-	-	-	1	1.852	-	-	1	1.852
Secondary Distribution - Air Force Active	-	-	-	-	-	-	1	1.852	-	-	1	1.852
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	0	0.000	0	0.000	-	-	0	0.000
Secondary Distribution - Air Force Active	-	-	-	-	0	0.000	0	0.000	-	-	0	0.000
Total	-	-	-	-	1	2.709	4	7.410	-	-	4	7.410
Secondary Distribution - Air Force Active	-	-	-	-	1	2.709	4	7.410	-	-	4	7.410

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	-	-	-	-	-	-	-	-	0	0.000	4	8.267
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	8	14.995	-	-	-	-	-	-	0	0.000	9	16.847
Secondary Distribution - Air Force Active	8	14.995	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	6	10.361	4	7.151	-	-	0	0.000	10	17.512
Secondary Distribution - Air Force Active	-	-	6	10.361	4	7.151	-	-	-	-	-	-
FY 2014	-	-	-	-	3	5.364	2	3.727	0	0.000	5	9.091

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 1	P-1 Line Item Nomenclature: 33 - B-1 Mods	Modification Nomenclature (Modification Title, Modification Number): FULLY INTEGRATED DATA LINKS - 4280

Models of Systems Affected: B-1B	Type Modification: Capability Improvement	Related RDT&E PEs: 0101126F
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Installation: FULLY INTEGRATED DATA LINKS	Method of Implementation: Depot	Installation Name:
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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)
Secondary Distribution - Air Force Active	-	-	-	-	3	5.364	2	3.727	-	-	-	-
FY 2015	-	-	-	-	-	-	5	9.317	0	0.000	5	9.317
Secondary Distribution - Air Force Active	-	-	-	-	-	-	5	9.317	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	7	13.488	7	13.488
FY 2017	-	-	-	-	-	-	-	-	8	15.838	8	15.838
To Complete	0	0.000	0	0.000	0	0.000	0	0.000	10	20.586	10	20.586
Secondary Distribution - Air Force Active	0	0.000	0	0.000	0	0.000	0	0.000	-	-	-	-
Total	8	14.995	6	10.361	7	12.515	7	13.044	25	49.912	58	110.946
Secondary Distribution - Air Force Active	8	14.995	6	10.361	7	12.515	7	13.044	-	-	-	-

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	0	0	0	0	0	0	1	0	1	1	2	2	2	2	2	1	2	3	0	4	1	2	0	4	1	2	0	25	58
Out	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	2	2	2	2	1	3	2	1	3	2	1	1	3	2	27	58

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 1	P-1 Line Item Nomenclature: 33 - B-1 Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Simulator Digital Control Loading - 4283

Models of Systems Affected: B-1B	Type Modification: Capability Improvement	Related RDT&E PEs: 0101126F
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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	-	2.700	2.800	2.937	-	-	-	8.437
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	-	-	2.700	-	2.700	2.800	2.937	-	-	-	8.437
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	-	-	-	2.700	-	2.700	2.800	2.937	-	-	-	8.437

(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 Millions)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

Simulator digital control loading is a modification to the Weapon System Trainer(s) (WSTs) that will replace the existing hydraulically-operated control loading system with a digital control loading system. Control loading provides force feedback for the WST flight station control stick and pedals; the WST flight stations are unusable without a working control loading system. The existing system faces obsolescence and Diminishing Manufacturing Sources (DMS) issues, with some critical parts having no spares. This modification improves safety by eliminating hazardous materials associated with the aging hydraulic system, and solves the control loading DMS issues, providing safer and supportable WSTs. Simulator digital control loading is a new start procurement / modification activity in FY13.

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Exhibit P-3A, Individual Modification: PB 2013 Air Force								Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 1				P-1 Line Item Nomenclature: 33 - B-1 Mods				Modification Nomenclature (<i>Modification Title, Modification Number</i>): Simulator Digital Control Loading - 4283			
Models of Systems Affected: B-1B			Type Modification: Capability Improvement				Related RDT&E PEs: 0101126F				

Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
Simulator Digital Control Loading												
B Kits												
Recurring												
EQUIPMENT Group B (Active)	0	0.000	0	0.000	0	0.000	2	2.700	0	0.000	2	2.700
<i>Subtotal Recurring</i>		0.000		0.000		0.000		2.700		0.000		2.700
Secondary Distribution												
Air Force Active	0	0.000	0	0.000	0	0.000	0	2.700	0	0.000	0	2.700
<i>Total, Simulator Digital Control Loading</i>	0	0.000	0	0.000	0	0.000	0	2.700	0	0.000	0	2.700
<i>Total, All Modifications</i>		0.000		0.000		0.000		2.700		0.000		2.700
Support												
SIM/TRAINER	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	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		2.700		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		2.700		0.000		2.700

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												
Simulator Digital Control Loading												
B Kits												
Recurring												
EQUIPMENT Group B (Active)	2	2.800	2	2.937	0	0.000	0	0.000	0	0.000	6	8.437
<i>Subtotal Recurring</i>		2.800		2.937		0.000		0.000		0.000		8.437
Secondary Distribution												
Air Force Active	0	2.800	0	2.937	0	0.000	0	0.000	-	-	-	-
<i>Total, Simulator Digital Control Loading</i>	0	2.800	0	2.937	0	0.000	0	0.000	0	0.000	0	8.437
<i>Total, All Modifications</i>		2.800		2.937		0.000		0.000		0.000		8.437

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Exhibit P-3A, Individual Modification: PB 2013 Air Force										Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 1					P-1 Line Item Nomenclature: 33 - B-1 Mods					Modification Nomenclature <i>(Modification Title, Modification Number):</i> Simulator Digital Control Loading - 4283			
Models of Systems Affected: B-1B				Type Modification: Capability Improvement				Related RDT&E PEs: 0101126F					
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>
Support													
SIM/TRAINER		0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	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>			2.800		2.937		0.000		0.000		0.000		8.437
<i>Total Installation Cost</i>			0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)			2.800		2.937		0.000		0.000		0.000		8.437
Remarks:													
Manufacturer Information: Simulator Digital Control Loading													
Manufacturer Name: Boeing							Manufacturer Location: Oklahoma City, OK						
Administrative Leadtime <i>(in Months)</i> : 3							Production Leadtime <i>(in Months)</i> : 3						
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017						
Contract Dates													
Delivery Dates													
Installation: Simulator Digital Control Loading													
Method of Implementation: Org/Intermediate							Installation Quantity: 0						

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 1	P-1 Line Item Nomenclature: 33 - B-1 Mods	Modification Nomenclature <i>(Modification Title, Modification Number):</i> CITS UPGRADE - 4284

Models of Systems Affected: B-1B	Type Modification: Capability Improvement	Related RDT&E PEs: 0101126F
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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)	-	20.933	15.683	17.549	-	17.549	17.834	13.895	16.914	17.054	50.052	169.914
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	20.933	15.683	17.549	-	17.549	17.834	13.895	16.914	17.054	50.052	169.914
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	-	20.933	15.683	17.549	-	17.549	17.834	13.895	16.914	17.054	50.052	169.914

(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 Millions)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The Central Integrated Test System (CITS) is the B-1 on-board diagnostic system that monitors aircraft avionics and mechanical systems on the ground and during flight, reporting faults to aircrew and maintainers. The current CITS suffers from Diminishing Manufacturing Source (DMS) issues with the potential to ground aircraft. Current CITS processor is also at maximum memory/throughput, inhibiting fault detection and isolation for current systems and future B-1 upgrades. This modification provides a new CITS Dedicated Processor (CDP), upgraded Multi-Functional Display (MFD), and re-hosted CITS software, resulting in enhanced diagnostic capabilities, improved turnaround time, and reduced maintenance costs. CITS installations are scheduled concurrently with the Fully Integrated Data Link (FIDL), and the Vertical Situation Display Upgrade (VSDU) to reduce installation costs, aircraft downtime, and to keep fielded aircraft configurations to a minimum for aircrew training, maintenance, and operational deployment efficiencies. Modification funding will be used for Diminishing Manufacturing Sources and Material Shortages (DMSMS). DMSMS activities can include, but are not limited to, Life of Type (LOT) buy or minor redesign. Procurement modification funding will be used to establish depot repair capability. Activities included in the equipment non-recurring line include, but are not limited to, Diminishing Manufacturing Sources (DMS), production test equip and tooling. Group B Non-Recurring also includes Systems Engineering Program Management (SEPM).

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Exhibit P-3A, Individual Modification: PB 2013 Air Force										Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 1					P-1 Line Item Nomenclature: 33 - B-1 Mods					Modification Nomenclature (<i>Modification Title, Modification Number</i>): CITS UPGRADE - 4284			
Models of Systems Affected: B-1B				Type Modification: Capability Improvement				Related RDT&E PEs: 0101126F					
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
RDT&E PE #													
0101126F	0	0.000	0	0.381	0	0.000	0	0.000	0	0.000	0	0.000	
Procurement													
CITS UPGRADE													
A Kits													
Recurring													
INSTALL KITS Group A (Active)	0	0.000	4	0.368	9	0.777	10	0.862	0	0.000	10	0.862	
<i>Subtotal Recurring</i>		0.000		0.368		0.777		0.862		0.000		0.862	
B Kits													
Recurring													
EQUIPMENT Group B (Active)	0	0.000	4	1.141	9	2.361	10	2.594	0	0.000	10	2.594	
<i>Subtotal Recurring</i>		0.000		1.141		2.361		2.594		0.000		2.594	
NonRecurring													
EQUIP NONREC Group B (Active)	0	0.000	0	15.349	0	3.684	0	4.505	0	0.000	0	4.505	
<i>Subtotal NonRecurring</i>		0.000		15.349		3.684		4.505		0.000		4.505	
Secondary Distribution													
Air Force Active	0	0.000	4	20.933	9	14.299	10	13.550	0	0.000	10	13.550	
<i>Total, CITS UPGRADE</i>	0	0.000	4	16.858	9	6.822	10	7.961	0	0.000	10	7.961	
<i>Total, All Modifications</i>		0.000		16.858		6.822		7.961		0.000		7.961	
Support													
CHANGE ORDERS	0	0.000	0	0.000	0	1.355	0	1.272	0	0.000	0	1.272	
DATA	0	0.000	0	0.169	0	0.762	0	0.000	0	0.000	0	0.000	
SIM/TRAINER	0	0.000	0	0.000	0	0.000	0	0.051	0	0.000	0	0.051	
SUPPORT- EQUIP	0	0.000	0	0.463	0	1.158	0	0.538	0	0.000	0	0.538	
ICS-Labor	0	0.000	0	0.000	0	0.084	0	0.071	0	0.000	0	0.071	
ICS-Material	0	0.000	0	0.000	0	0.250	0	0.000	0	0.000	0	0.000	
OTHER GOVT	0	0.000	0	3.443	0	0.934	0	0.848	0	0.000	0	0.848	
Depot Stand-up	0	0.000	0	0.000	0	2.383	0	1.818	0	0.000	0	1.818	
PMA - Contractor Services	0	0.000	0	0.000	0	0.457	0	0.690	0	0.000	0	0.690	

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Exhibit P-3A, Individual Modification: PB 2013 Air Force									Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 1				P-1 Line Item Nomenclature: 33 - B-1 Mods					Modification Nomenclature (<i>Modification Title, Modification Number</i>): CITS UPGRADE - 4284			
Models of Systems Affected: B-1B			Type Modification: Capability Improvement				Related RDT&E PEs: 0101126F					
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
PMA - Gov't Costs	0	0.000	0	0.000	0	0.094	0	0.301	0	0.000	0	0.301
<i>Total Support Cost</i>		0.000		4.075		7.477		5.589		0.000		5.589
<i>Procurement Cost (Procurement + Support)</i>		0.000		20.933		14.299		13.550		0.000		13.550
<i>Total Installation Cost</i>		0.000		0.000		1.384		3.999		0.000		3.999
Total Cost (Procurement + Support + Installation)		0.000		20.933		15.683		17.549		0.000		17.549
Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
RDT&E PE #												
0101126F	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.381
Procurement												
CITS UPGRADE												
A Kits												
Recurring												
INSTALL KITS Group A (Active)	5	0.514	5	0.529	7	0.707	8	0.807	10	0.987	58	5.551
<i>Subtotal Recurring</i>		0.514		0.529		0.707		0.807		0.987		5.551
B Kits												
Recurring												
EQUIPMENT Group B (Active)	5	1.554	5	1.601	7	2.133	8	2.433	10	2.971	58	16.788
<i>Subtotal Recurring</i>		1.554		1.601		2.133		2.433		2.971		16.788
NonRecurring												
EQUIP NONREC Group B (Active)	0	4.823	0	2.934	0	3.414	0	3.155	0	2.187	0	40.051
<i>Subtotal NonRecurring</i>		4.823		2.934		3.414		3.155		2.187		40.051
Secondary Distribution												
Air Force Active	5	9.812	5	8.291	7	10.144	8	9.994	-	-	-	-
<i>Total, CITS UPGRADE</i>	5	6.891	5	5.064	7	6.254	8	6.395	10	6.145	58	62.390
<i>Total, All Modifications</i>		6.891		5.064		6.254		6.395		6.145		62.390
Support												
CHANGE ORDERS	0	0.998	0	1.102	0	0.771	0	0.813	0	0.600	0	6.911

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 1	P-1 Line Item Nomenclature: 33 - B-1 Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): CITS UPGRADE - 4284

Models of Systems Affected: B-1B	Type Modification: Capability Improvement	Related RDT&E PEs: 0101126F
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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)
DATA	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.931
SIM/TRAINER	0	0.049	0	0.387	0	1.166	0	0.818	0	0.000	0	2.471
SUPPORT- EQUIP	0	0.123	0	0.057	0	0.000	0	0.000	0	0.000	0	2.339
ICS-Labor	0	0.068	0	0.111	0	0.166	0	0.196	0	0.809	0	1.505
ICS-Material	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.250
OTHER GOVT	0	0.602	0	0.440	0	0.695	0	0.688	0	5.449	0	13.099
Depot Stand-up	0	0.051	0	0.000	0	0.000	0	0.000	0	10.002	0	14.254
PMA - Contractor Services	0	0.626	0	0.929	0	0.895	0	0.887	0	0.000	0	4.484
PMA - Gov't Costs	0	0.404	0	0.201	0	0.197	0	0.197	0	0.000	0	1.394
<i>Total Support Cost</i>		2.921		3.227		3.890		3.599		16.860		47.638
<i>Procurement Cost (Procurement + Support)</i>		9.812		8.291		10.144		9.994		23.005		110.028
<i>Total Installation Cost</i>		8.022		5.604		6.770		7.060		27.047		59.886
Total Cost (Procurement + Support + Installation)		17.834		13.895		16.914		17.054		50.052		169.914

Remarks:

Manufacturer Information: CITS UPGRADE

Manufacturer Name: Boeing				Manufacturer Location: Oklahoma City, OK			
Administrative Leadtime (in Months): 3				Production Leadtime (in Months): 16			
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates	Jun 2011	Feb 2012	Feb 2013	Feb 2014	Feb 2015	Feb 2016	Feb 2017
Delivery Dates	Sep 2012	Jun 2013	Jun 2014	Jun 2015	Jun 2016	Jun 2017	Jun 2018

Installation: CITS UPGRADE	Method of Implementation: Depot						Installation Name:					
Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ 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	1.384	3	2.999	-	-	3	2.999
Secondary Distribution - Air Force Active	-	-	-	-	1	1.384	3	2.999	-	-	3	2.999

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 1	P-1 Line Item Nomenclature: 33 - B-1 Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): CITS UPGRADE - 4284
Models of Systems Affected: B-1B	Type Modification: Capability Improvement	Related RDT&E PEs: 0101126F

Installation: CITS UPGRADE	Method of Implementation: Depot	Installation Name:
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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	1.000	-	-	1	1.000
Secondary Distribution - Air Force Active	-	-	-	-	-	-	1	1.000	-	-	1	1.000
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	0	0.000	0	0.000	-	-	0	0.000
Secondary Distribution - Air Force Active	-	-	-	-	0	0.000	0	0.000	-	-	0	0.000
Total	-	-	-	-	1	1.384	4	3.999	-	-	4	3.999
Secondary Distribution - Air Force Active	-	-	-	-	1	1.384	4	3.999	-	-	4	3.999

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ 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	0.000	4	4.383
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	8	8.022	-	-	-	-	-	-	0	0.000	9	9.022
Secondary Distribution - Air Force Active	8	8.022	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	6	5.604	4	3.869	-	-	0	0.000	10	9.473
Secondary Distribution - Air Force Active	-	-	6	5.604	4	3.869	-	-	-	-	-	-
FY 2014	-	-	-	-	3	2.901	2	2.017	0	0.000	5	4.918
Secondary Distribution - Air Force Active	-	-	-	-	3	2.901	2	2.017	-	-	-	-
FY 2015	-	-	-	-	-	-	5	5.043	0	0.000	5	5.043
Secondary Distribution - Air Force Active	-	-	-	-	-	-	5	5.043	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	7	7.310	7	7.310

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 1	P-1 Line Item Nomenclature: 33 - B-1 Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): CITS UPGRADE - 4284
Models of Systems Affected: B-1B	Type Modification: Capability Improvement	Related RDT&E PEs: 0101126F

Installation: CITS UPGRADE		Method of Implementation: Depot				Installation Name:						
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 2017	-	-	-	-	-	-	-	-	8	8.598	8	8.598
To Complete	0	0.000	0	0.000	0	0.000	0	0.000	10	11.139	10	11.139
Secondary Distribution - Air Force Active	0	0.000	0	0.000	0	0.000	0	0.000	-	-	-	-
Total	8	8.022	6	5.604	7	6.770	7	7.060	25	27.047	58	59.886
Secondary Distribution - Air Force Active	8	8.022	6	5.604	7	6.770	7	7.060	-	-	-	-

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	0	0	0	0	0	0	1	0	1	1	2	2	2	2	2	1	2	3	0	4	1	2	0	4	1	2	0	25	58
Out	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	2	2	2	2	1	3	2	1	3	2	1	1	3	2	27	58

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 1	P-1 Line Item Nomenclature: 33 - B-1 Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Inertial Navigation System (INS) - 4286

Models of Systems Affected: B-1B	Type Modification: Capability Improvement	Related RDT&E PEs: 0101126F
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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)	-	17.000	35.999	21.447	-	21.447	19.192	2.231	-	-	-	95.869
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	17.000	35.999	21.447	-	21.447	19.192	2.231	-	-	-	95.869
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	-	17.000	35.999	21.447	-	21.447	19.192	2.231	-	-	-	95.869

(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 Millions)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The B-1 Inertial Navigation System (INS), coupled with the Gyro Stabilization System (GSS), provides the aircrew autonomous capability to navigate globally, without the aid of ground-based navigation aids, as well as engage targets with a high level of precision. The current INS system has Diminishing Manufacturing Sources (DMS) issues with the potential to ground aircraft in FY14. The INS Replacement (INS-R) program will start delivery in FY12 and is made up of the following Line Replaceable Units (LRUs): two new Attitude/INS (AINS), which include an embedded Selective Availability Anti-Spoofing Security Module (SAASM), Global Positioning System (GPS) receiver, and a second GPS Controlled Reception Pattern Antenna (CRPA). INS-R will provide B-1 combat forces with an updated navigational system that improves aircraft maintainability, supportability, and navigation capability. Modification funding will be used for DMS and material shortages. DMS and material shortages activities can include, but are not limited to, life of type buy or minor redesign. Installation will be by Contractor Field Team (CFT). Three test aircraft were modified with RDT&E funds. This was required to accelerate installation schedule due to later than expected contract award. Procurement modification funding will be used to establish depot repair capability. Activities included in the equipment non-recurring line include, but are not limited to, tooling and vendor DMS management/engineering support. First three article installs will use GFE and do not require a lead time for the first three deliveries.

Group B Non-Recurring also includes Systems Engineering Program Management (SEPM) and DMS. Support Equipment also includes Depot Activation.

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Exhibit P-3A, Individual Modification: PB 2013 Air Force								Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 1				P-1 Line Item Nomenclature: 33 - B-1 Mods				Modification Nomenclature (<i>Modification Title, Modification Number</i>): Inertial Navigation System (INS) - 4286					
Models of Systems Affected: B-1B			Type Modification: Capability Improvement				Related RDT&E PEs: 0101126F						
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
RDT&E PE #													
0101126F	0	0.000	0	1.862	0	0.000	0	0.000	0	0.000	0	0.000	
Procurement													
Inertial Navigation System (INS)													
A Kits													
Recurring													
INSTALL KITS Group A (Active)	0	0.000	17	1.560	28	2.044	12	1.044	0	0.000	12	1.044	
<i>Subtotal Recurring</i>		0.000		1.560		2.044		1.044		0.000		1.044	
B Kits													
Recurring													
EQUIPMENT Group B (Active)	0	0.000	17	5.168	28	8.665	12	3.472	0	0.000	12	3.472	
<i>Subtotal Recurring</i>		0.000		5.168		8.665		3.472		0.000		3.472	
NonRecurring													
EQUIP NONREC Group B (Active)	0	0.000	0	8.071	0	14.070	0	3.027	0	0.000	0	3.027	
<i>Subtotal NonRecurring</i>		0.000		8.071		14.070		3.027		0.000		3.027	
Secondary Distribution													
Air Force Active	0	0.000	17	17.000	28	33.460	12	12.962	0	0.000	12	12.962	
<i>Total, Inertial Navigation System (INS)</i>	0	0.000	17	14.799	28	24.779	12	7.543	0	0.000	12	7.543	
<i>Total, All Modifications</i>		0.000		14.799		24.779		7.543		0.000		7.543	
Support													
CHANGE ORDERS	0	0.000	0	0.668	0	1.555	0	1.230	0	0.000	0	1.230	
SIM/TRAINER	0	0.000	0	0.000	0	2.485	0	0.000	0	0.000	0	0.000	
SUPPORT- EQUIP	0	0.000	0	0.105	0	0.408	0	1.439	0	0.000	0	1.439	
OTHER GOVT	0	0.000	0	0.000	0	1.368	0	0.895	0	0.000	0	0.895	
GFE	0	0.000	0	1.000	0	1.600	0	0.643	0	0.000	0	0.643	
PMA - Contractor Services	0	0.000	0	0.428	0	1.049	0	0.844	0	0.000	0	0.844	
PMA - Gov't Costs	0	0.000	0	0.000	0	0.216	0	0.368	0	0.000	0	0.368	
<i>Total Support Cost</i>		0.000		2.201		8.681		5.419		0.000		5.419	
<i>Procurement Cost (Procurement + Support)</i>		0.000		17.000		33.460		12.962		0.000		12.962	

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Exhibit P-3A, Individual Modification: PB 2013 Air Force										Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 1					P-1 Line Item Nomenclature: 33 - B-1 Mods					Modification Nomenclature (<i>Modification Title, Modification Number</i>): Inertial Navigation System (INS) - 4286			
Models of Systems Affected: B-1B				Type Modification: Capability Improvement				Related RDT&E PEs: 0101126F					
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		2.539		8.485		0.000		8.485
Total Cost (Procurement + Support + Installation)			0.000		17.000		35.999		21.447		0.000		21.447
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>
RDT&E PE #													
0101126F		0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	1.862
Procurement													
Inertial Navigation System (INS)													
A Kits													
Recurring													
INSTALL KITS Group A (Active)		0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	57	4.648
<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>4.648</i>
B Kits													
Recurring													
EQUIPMENT Group B (Active)		0	0.054	0	0.000	0	0.000	0	0.000	0	0.000	57	17.359
<i>Subtotal Recurring</i>			<i>0.054</i>		<i>0.000</i>		<i>0.000</i>		<i>0.000</i>		<i>0.000</i>		<i>17.359</i>
NonRecurring													
EQUIP NONREC Group B (Active)		0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	25.168
<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>25.168</i>
Secondary Distribution													
Air Force Active		0	5.350	0	0.459	0	0.000	0	0.000	-	-	-	-
<i>Total, Inertial Navigation System (INS)</i>		<i>0</i>	<i>0.054</i>	<i>0</i>	<i>0.000</i>	<i>0</i>	<i>0.000</i>	<i>0</i>	<i>0.000</i>	<i>0</i>	<i>0.000</i>	<i>57</i>	<i>47.175</i>
<i>Total, All Modifications</i>			<i>0.054</i>		<i>0.000</i>		<i>0.000</i>		<i>0.000</i>		<i>0.000</i>		<i>47.175</i>
Support													
CHANGE ORDERS		0	0.427	0	0.121	0	0.000	0	0.000	0	0.000	0	4.001
SIM/TRAINER		0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	2.485
SUPPORT- EQUIP		0	2.904	0	0.000	0	0.000	0	0.000	0	0.000	0	4.856
OTHER GOVT		0	0.854	0	0.159	0	0.000	0	0.000	0	0.000	0	3.276

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 1	P-1 Line Item Nomenclature: 33 - B-1 Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Inertial Navigation System (INS) - 4286

Models of Systems Affected: B-1B	Type Modification: Capability Improvement	Related RDT&E PEs: 0101126F
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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)
GFE	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	3.243
PMA - Contractor Services	0	0.675	0	0.147	0	0.000	0	0.000	0	0.000	0	3.143
PMA - Gov't Costs	0	0.436	0	0.032	0	0.000	0	0.000	0	0.000	0	1.052
<i>Total Support Cost</i>		5.296		0.459		0.000		0.000		0.000		22.056
<i>Procurement Cost (Procurement + Support)</i>		5.350		0.459		0.000		0.000		0.000		69.231
<i>Total Installation Cost</i>		13.842		1.772		0.000		0.000		0.000		26.638
Total Cost (Procurement + Support + Installation)		19.192		2.231		0.000		0.000		0.000		95.869

Remarks:

Manufacturer Information: Inertial Navigation System (INS)

Manufacturer Name: Boeing	Manufacturer Location: Oklahoma City, OK
Administrative Leadtime (in Months): 3	Production Leadtime (in Months): 16

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates	Mar 2012	Apr 2012	Mar 2013				
Delivery Dates	Dec 2012	Aug 2013	Jul 2014				

Installation: Inertial Navigation System (INS)

Method of Implementation: Contract Field Team	Installation Name:
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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	2.539	16	8.485	-	-	16	8.485
Secondary Distribution - Air Force Active	-	-	-	-	1	2.539	16	8.485	-	-	16	8.485
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Air Force																							Date: February 2012									
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 1										P-1 Line Item Nomenclature: 33 - B-1 Mods										Modification Nomenclature (<i>Modification Title, Modification Number</i>): Inertial Navigation System (INS) - 4286												
Models of Systems Affected: B-1B										Type Modification: Capability Improvement										Related RDT&E PEs: 0101126F												
Installation: Inertial Navigation System (INS)										Method of Implementation: Contract Field Team										Installation Name:												
Installation Cost		Prior Years				FY 2011				FY 2012				FY 2013 Base				FY 2013 OCO				FY 2013 Total										
		Qty (Each)		Total Cost (\$ M)		Qty (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		0.000		0		0.000		-		-		0		0.000								
Secondary Distribution - Air Force Active		-		-		-		-		0		0.000		0		0.000		-		-		0		0.000								
Total		-		-		-		-		1		2.539		16		8.485		-		-		16		8.485								
Secondary Distribution - Air Force Active		-		-		-		-		1		2.539		16		8.485		-		-		16		8.485								
Installation Cost		FY 2014				FY 2015				FY 2016				FY 2017				To Complete				Total										
		Qty (Each)		Total Cost (\$ M)		Qty (Each)		Total Cost (\$ M)		Qty (Each)		Total Cost (\$ 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		0.000		17		11.024								
Secondary Distribution - Air Force Active		-		-		-		-		-		-		-		-		-		-		-		-								
FY 2012		28		10.766		-		-		-		-		-		-		0		0.000		28		10.766								
Secondary Distribution - Air Force Active		28		10.766		-		-		-		-		-		-		-		-		-		-								
FY 2013		8		3.076		4		1.772		-		-		-		-		0		0.000		12		4.848								
Secondary Distribution - Air Force Active		8		3.076		4		1.772		-		-		-		-		-		-		-		-								
FY 2014		-		-		-		-		-		-		-		-		-		-		-		-								
FY 2015		-		-		-		-		-		-		-		-		-		-		-		-								
FY 2016		-		-		-		-		-		-		-		-		-		-		-		-								
FY 2017		-		-		-		-		-		-		-		-		-		-		-		-								
To Complete		0		0.000		0		0.000		-		-		-		-		0		0.000		0		0.000								
Secondary Distribution - Air Force Active		0		0.000		0		0.000		-		-		-		-		-		-		-		-								
Total		36		13.842		4		1.772		-		-		-		-		0		0.000		57		26.638								
Secondary Distribution - Air Force Active		36		13.842		4		1.772		-		-		-		-		-		-		-		-								
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	0	0	0	0	0	0	1	3	3	3	7	7	9	10	10	4	0	0	0	0	0	0	0	0	0	0	0	0	0	57
Out	0	0	0	0	0	0	0	0	1	2	3	3	5	7	9	9	11	6	1	0	0	0	0	0	0	0	0	0	0	0	0	57

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 1	P-1 Line Item Nomenclature: 33 - B-1 Mods	Modification Nomenclature <i>(Modification Title, Modification Number):</i> RADAR IMPROVEMENT UPGRADE - 8411

Models of Systems Affected: B-1B	Type Modification: Reliability & Maintainability	Related RDT&E PEs: 0101126F
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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)	56.631	59.126	44.302	10.512	-	10.512	1.692	2.586	0.242	-	-	175.091
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	56.631	59.126	44.302	10.512	-	10.512	1.692	2.586	0.242	-	-	175.091
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	56.631	59.126	44.302	10.512	-	10.512	1.692	2.586	0.242	-	-	175.091

(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 Millions)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The B-1B Radar Reliability and Maintainability Improvement Program (RMIP) consists of the replacement of two high-failure-rate radar Line Replaceable Units (LRUs) and the supporting software conversion of legacy radar modes. The Radar RMIP is intended to provide B-1B combat forces with an updated offensive radar system that reduces existing mission capable (MC) rate issues due to increasing Diminishing Manufacturing Sources (DMS) problems. The Radar Receiver Transmitter (RRT) from the legacy AN/APQ-164 system will be replaced with a new Modular Receiver Exciter (MoRE), and the Radar Signal Processor (RSP) with a new Common Radar Processor (CoRP). MoRE predicted MTBF of 1,191 hours compared to legacy RRT MTBF of 149 hours is an improvement of over 700%; CoRP predicted MTBF of 1,130 hours compared to legacy RSP MTBF of 294 hours is an improvement of over 280%. The Radar RMIP hardware installation will be performed by organic personnel at the B-1 main operating bases. Modification funding will be used for DMS and Material Shortages (DMSMS). DMSMS activities can include, but are not limited to, Life of Type (LOT) buy or minor redesign. Group B non-recurring includes System Engineering/Program Management (SE/PM). Modification procurement funding will be used to establish depot repair capability and installations will begin in FY12.

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Exhibit P-3A, Individual Modification: PB 2013 Air Force								Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 1				P-1 Line Item Nomenclature: 33 - B-1 Mods				Modification Nomenclature <i>(Modification Title, Modification Number):</i> RADAR IMPROVEMENT UPGRADE - 8411					
Models of Systems Affected: B-1B			Type Modification: Reliability & Maintainability					Related RDT&E PEs: 0101126F					
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
RDT&E PE #													
0101126F	0	34.303	0	5.029	0	0.000	0	0.000	0	0.000	0	0.000	
Procurement													
RADAR IMPROVEMENT UPGRADE													
A Kits													
Recurring													
INSTALL KITS Group A (Active)	22	0.002	26	0.002	12	0.001	0	0.000	0	0.000	0	0.000	
<i>Subtotal Recurring</i>		0.002		0.002		0.001		0.000		0.000		0.000	
B Kits													
Recurring													
EQUIPMENT Group B (Active)	22	34.141	26	41.698	12	19.314	0	0.000	0	0.000	0	0.000	
<i>Subtotal Recurring</i>		34.141		41.698		19.314		0.000		0.000		0.000	
NonRecurring													
EQUIP NONREC Group B (Active)	0	10.458	0	2.682	0	4.095	0	0.239	0	0.000	0	0.239	
<i>Subtotal NonRecurring</i>		10.458		2.682		4.095		0.239		0.000		0.239	
Secondary Distribution													
Air Force Active	22	56.631	26	59.126	12	44.302	0	10.512	0	0.000	0	10.512	
<i>Total, RADAR IMPROVEMENT UPGRADE</i>	22	44.601	26	44.382	12	23.410	0	0.239	0	0.000	0	0.239	
<i>Total, All Modifications</i>		44.601		44.382		23.410		0.239		0.000		0.239	
Support													
CHANGE ORDERS	0	0.000	0	0.000	0	0.454	0	0.178	0	0.000	0	0.178	
DATA	0	0.774	0	1.348	0	1.666	0	0.000	0	0.000	0	0.000	
SIM/TRAINER	0	0.361	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	
SUPPORT- EQUIP	0	9.263	0	8.652	0	0.147	0	0.000	0	0.000	0	0.000	
ICS-Labor	0	0.333	0	0.273	0	3.945	0	3.537	0	0.000	0	3.537	
ICS-Material	0	1.271	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	
OTHER GOVT	0	0.028	0	3.333	0	0.815	0	0.014	0	0.000	0	0.014	
PMA - Contractor Services	0	0.000	0	1.081	0	1.290	0	0.414	0	0.000	0	0.414	

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 1	P-1 Line Item Nomenclature: 33 - B-1 Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): RADAR IMPROVEMENT UPGRADE - 8411

Models of Systems Affected: B-1B	Type Modification: Reliability & Maintainability	Related RDT&E PEs: 0101126F
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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)
PMA - Gov't Costs	0	0.000	0	0.057	0	0.266	0	0.181	0	0.000	0	0.181
Mod of Spares	0	0.000	0	0.000	0	0.000	0	0.024	0	0.000	0	0.024
Depot Stand-up	0	0.000	0	0.000	0	12.309	0	5.925	0	0.000	0	5.925
Total Support Cost		12.030		14.744		20.892		10.273		0.000		10.273
<i>Procurement Cost (Procurement + Support)</i>		<i>56.631</i>		<i>59.126</i>		<i>44.302</i>		<i>10.512</i>		<i>0.000</i>		<i>10.512</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>0.000</i>
Total Cost (Procurement + Support + Installation)		56.631		59.126		44.302		10.512		0.000		10.512

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
RDT&E PE #												
0101126F	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	39.332
Procurement												
RADAR IMPROVEMENT UPGRADE												
A Kits												
Recurring												
INSTALL KITS Group A (Active)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	60	0.005
<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>0.005</i>
B Kits												
Recurring												
EQUIPMENT Group B (Active)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	60	95.153
<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>95.153</i>
NonRecurring												
EQUIP NONREC Group B (Active)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	17.474
<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>17.474</i>
Secondary Distribution												
Air Force Active	0	1.692	0	2.586	0	0.242	0	0.000	-	-	-	-
Total, RADAR IMPROVEMENT UPGRADE	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	60	112.632

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 1	P-1 Line Item Nomenclature: 33 - B-1 Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): RADAR IMPROVEMENT UPGRADE - 8411

Models of Systems Affected: B-1B	Type Modification: Reliability & Maintainability	Related RDT&E PEs: 0101126F
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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		112.632
Support												
CHANGE ORDERS	0	0.126	0	0.000	0	0.000	0	0.000	0	0.000	0	0.758
DATA	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	3.788
SIM/TRAINER	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.361
SUPPORT- EQUIP	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	18.062
ICS-Labor	0	1.466	0	2.576	0	0.237	0	0.000	0	0.000	0	12.367
ICS-Material	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	1.271
OTHER GOVT	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	4.190
PMA - Contractor Services	0	0.061	0	0.000	0	0.000	0	0.000	0	0.000	0	2.846
PMA - Gov't Costs	0	0.039	0	0.010	0	0.005	0	0.000	0	0.000	0	0.558
Mod of Spares	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.024
Depot Stand-up	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	18.234
<i>Total Support Cost</i>		1.692		2.586		0.242		0.000		0.000		62.459
<i>Procurement Cost (Procurement + Support)</i>		1.692		2.586		0.242		0.000		0.000		175.091
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		1.692		2.586		0.242		0.000		0.000		175.091

Remarks:

Manufacturer Information: RADAR IMPROVEMENT UPGRADE

Manufacturer Name: Northrop Grumman	Manufacturer Location: Baltimore, MD
Administrative Leadtime (in Months): 3	Production Leadtime (in Months): 18

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

Installation: RADAR IMPROVEMENT UPGRADE	Method of Implementation: Org/Intermediate	Installation Quantity: 0
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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 1	P-1 Line Item Nomenclature: 33 - B-1 Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): VERTICAL SITUATION DISPLAYS - 8971

Models of Systems Affected: B-1B	Type Modification: Service Life Extension	Related RDT&E PEs: 0101126F
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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)	-	27.086	33.872	34.429	-	34.429	36.322	29.932	41.621	42.406	107.234	352.902
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	27.086	33.872	34.429	-	34.429	36.322	29.932	41.621	42.406	107.234	352.902
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	-	27.086	33.872	34.429	-	34.429	36.322	29.932	41.621	42.406	107.234	352.902

(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 Millions)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The Vertical Situation Display Upgrade (VSDU) is a safety-critical program to replace B-1 pilot and co-pilot primary flight displays and associated flight instruments. The current VSDs are monochrome cathode ray tube displays and "steam gauge" primary flight instruments, which are experiencing Diminishing Manufacturing Sources (DMS) issues with the potential to ground aircraft. Spares are no longer procurable due to obsolescence. This modification installs two 8"x6" color displays at pilot and co-pilot stations to provide Primary Flight Information (PFI) and backup PFI to meet flight safety standards. These displays also provide front crew situational awareness from the Fully Integrated Data Link (FIDL), enhancing the ability to avoid threats and strike emerging targets. VSDU installations are scheduled concurrently with Central Integrated Test System (CITS) and FIDL to reduce installation costs, aircraft downtime, and to keep fielded aircraft configurations to a minimum for aircrew training, maintenance, and operational deployment efficiencies. Modification funding will be used for DMS and Material Shortages (DMSMS). DMSMS activities can include, but are not limited to, Life of Type (LOT) buy or minor redesign. Procurement modification funding will be used to establish depot repair capability. Activities included in the equipment non-recurring line include, but are not limited to, DMS, production test equipment and tooling. Group B non-recurring also includes Systems Engineering Program Management (SEPM).

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Exhibit P-3A, Individual Modification: PB 2013 Air Force								Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 1				P-1 Line Item Nomenclature: 33 - B-1 Mods				Modification Nomenclature <i>(Modification Title, Modification Number):</i> VERTICAL SITUATION DISPLAYS - 8971					
Models of Systems Affected: B-1B				Type Modification: Service Life Extension				Related RDT&E PEs: 0101126F					
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
RDT&E PE #													
0101126F	0	0.000	0	8.725	0	23.752	0	2.776	0	0.000	0	2.776	
Procurement													
VERTICAL SITUATION DISPLAYS													
A Kits													
Recurring													
INSTALL KITS Group A (Active)	0	0.000	4	0.659	9	1.378	10	1.529	0	0.000	10	1.529	
<i>Subtotal Recurring</i>		0.000		0.659		1.378		1.529		0.000		1.529	
B Kits													
Recurring													
EQUIPMENT Group B (Active)	0	0.000	4	4.558	9	8.242	10	9.090	0	0.000	10	9.090	
<i>Subtotal Recurring</i>		0.000		4.558		8.242		9.090		0.000		9.090	
NonRecurring													
EQUIP NONREC Group B (Active)	0	0.000	0	20.924	0	4.781	0	4.102	0	0.000	0	4.102	
<i>Subtotal NonRecurring</i>		0.000		20.924		4.781		4.102		0.000		4.102	
Secondary Distribution													
Air Force Active	0	0.000	4	27.086	9	30.658	10	24.076	0	0.000	10	24.076	
<i>Total, VERTICAL SITUATION DISPLAYS</i>	0	0.000	4	26.141	9	14.401	10	14.721	0	0.000	10	14.721	
<i>Total, All Modifications</i>		0.000		26.141		14.401		14.721		0.000		14.721	
Support													
CHANGE ORDERS	0	0.000	0	0.000	0	2.865	0	1.757	0	0.000	0	1.757	
DATA	0	0.000	0	0.000	0	1.487	0	0.000	0	0.000	0	0.000	
SIM/TRAINER	0	0.000	0	0.000	0	0.000	0	0.279	0	0.000	0	0.279	
SUPPORT- EQUIP	0	0.000	0	0.945	0	3.533	0	0.101	0	0.000	0	0.101	
Depot Stand-up	0	0.000	0	0.000	0	2.845	0	2.862	0	0.000	0	2.862	
ICS-Labor	0	0.000	0	0.000	0	0.174	0	0.375	0	0.000	0	0.375	
ICS-Material	0	0.000	0	0.000	0	0.969	0	0.000	0	0.000	0	0.000	
OTHER GOVT	0	0.000	0	0.000	0	3.193	0	2.033	0	0.000	0	2.033	

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 1	P-1 Line Item Nomenclature: 33 - B-1 Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): VERTICAL SITUATION DISPLAYS - 8971

Models of Systems Affected: B-1B	Type Modification: Service Life Extension	Related RDT&E PEs: 0101126F
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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)
PMA - Contractor Services	0	0.000	0	0.000	0	0.988	0	1.356	0	0.000	0	1.356
PMA - Gov't Costs	0	0.000	0	0.000	0	0.203	0	0.592	0	0.000	0	0.592
<i>Total Support Cost</i>		0.000		0.945		16.257		9.355		0.000		9.355
<i>Procurement Cost (Procurement + Support)</i>		0.000		27.086		30.658		24.076		0.000		24.076
<i>Total Installation Cost</i>		0.000		0.000		3.214		10.353		0.000		10.353
Total Cost (Procurement + Support + Installation)		0.000		27.086		33.872		34.429		0.000		34.429

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
RDT&E PE #												
0101126F	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	35.253
Procurement												
VERTICAL SITUATION DISPLAYS												
A Kits												
Recurring												
INSTALL KITS Group A (Active)	5	0.912	5	0.939	7	1.254	8	1.432	10	1.751	58	9.854
<i>Subtotal Recurring</i>		0.912		0.939		1.254		1.432		1.751		9.854
B Kits												
Recurring												
EQUIPMENT Group B (Active)	5	5.420	5	5.583	7	7.453	8	8.509	10	10.410	58	59.265
<i>Subtotal Recurring</i>		5.420		5.583		7.453		8.509		10.410		59.265
NonRecurring												
EQUIP NONREC Group B (Active)	0	4.488	0	3.307	0	2.699	0	2.628	0	2.620	0	45.549
<i>Subtotal NonRecurring</i>		4.488		3.307		2.699		2.628		2.620		45.549
Secondary Distribution												
Air Force Active	5	15.647	5	15.056	7	23.636	8	23.664	-	-	-	-
<i>Total, VERTICAL SITUATION DISPLAYS</i>	5	10.820	5	9.829	7	11.406	8	12.569	10	14.781	58	114.668
<i>Total, All Modifications</i>		10.820		9.829		11.406		12.569		14.781		114.668

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 1	P-1 Line Item Nomenclature: 33 - B-1 Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): VERTICAL SITUATION DISPLAYS - 8971

Models of Systems Affected: B-1B	Type Modification: Service Life Extension	Related RDT&E PEs: 0101126F
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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												
CHANGE ORDERS	0	0.878	0	0.543	0	0.639	0	0.674	0	0.828	0	8.184
DATA	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	1.487
SIM/TRAINER	0	0.272	0	0.387	0	6.416	0	4.501	0	0.000	0	11.855
SUPPORT- EQUIP	0	0.170	0	0.117	0	0.000	0	0.000	0	0.000	0	4.866
Depot Stand-up	0	0.091	0	0.000	0	0.000	0	0.000	0	0.000	0	5.798
ICS-Labor	0	0.663	0	1.395	0	2.163	0	2.900	0	12.017	0	19.687
ICS-Material	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.969
OTHER GOVT	0	0.653	0	0.152	0	0.315	0	0.331	0	7.526	0	14.203
PMA - Contractor Services	0	1.276	0	2.172	0	2.213	0	2.200	0	0.000	0	10.205
PMA - Gov't Costs	0	0.824	0	0.461	0	0.484	0	0.489	0	0.000	0	3.053
<i>Total Support Cost</i>		4.827		5.227		12.230		11.095		20.371		80.307
<i>Procurement Cost (Procurement + Support)</i>		15.647		15.056		23.636		23.664		35.152		194.975
<i>Total Installation Cost</i>		20.675		14.876		17.985		18.742		72.082		157.927
Total Cost (Procurement + Support + Installation)		36.322		29.932		41.621		42.406		107.234		352.902

Remarks:

Manufacturer Information: VERTICAL SITUATION DISPLAYS

Manufacturer Name: Boeing	Manufacturer Location: Oklahoma City, OK
Administrative Leadtime (in Months): 3	Production Leadtime (in Months): 16

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates	Jun 2011	Feb 2012	Feb 2013	Feb 2014	Feb 2015	Feb 2016	Feb 2017
Delivery Dates	Sep 2012	Jun 2013	Jun 2014	Jun 2015	Jun 2016	Jun 2017	Jun 2018

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 1	P-1 Line Item Nomenclature: 33 - B-1 Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): VERTICAL SITUATION DISPLAYS - 8971

Models of Systems Affected: B-1B	Type Modification: Service Life Extension	Related RDT&E PEs: 0101126F
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Installation: VERTICAL SITUATION DISPLAYS	Method of Implementation: Depot	Installation Name:
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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	3.214	3	7.765	-	-	3	7.765
Secondary Distribution - Air Force Active	-	-	-	-	1	3.214	3	7.765	-	-	3	7.765
FY 2012	-	-	-	-	-	-	1	2.588	-	-	1	2.588
Secondary Distribution - Air Force Active	-	-	-	-	-	-	1	2.588	-	-	1	2.588
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	0	0.000	0	0.000	-	-	0	0.000
Secondary Distribution - Air Force Active	-	-	-	-	0	0.000	0	0.000	-	-	0	0.000
Total	-	-	-	-	1	3.214	4	10.353	-	-	4	10.353
Secondary Distribution - Air Force Active	-	-	-	-	1	3.214	4	10.353	-	-	4	10.353

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ 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	0.000	4	10.979
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	8	20.675	-	-	-	-	-	-	0	0.000	9	23.263
Secondary Distribution - Air Force Active	8	20.675	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	6	14.876	4	10.277	-	-	0	0.000	10	25.153
Secondary Distribution - Air Force Active	-	-	6	14.876	4	10.277	-	-	-	-	-	-
FY 2014	-	-	-	-	3	7.708	2	5.355	0	0.000	5	13.063

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 1	P-1 Line Item Nomenclature: 33 - B-1 Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): VERTICAL SITUATION DISPLAYS - 8971

Models of Systems Affected: B-1B	Type Modification: Service Life Extension	Related RDT&E PEs: 0101126F
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Installation: VERTICAL SITUATION DISPLAYS	Method of Implementation: Depot	Installation Name:
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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)
Secondary Distribution - Air Force Active	-	-	-	-	3	7.708	2	5.355	-	-	-	-
FY 2015	-	-	-	-	-	-	5	13.387	0	0.000	5	13.387
Secondary Distribution - Air Force Active	-	-	-	-	-	-	5	13.387	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	7	19.454	7	19.454
FY 2017	-	-	-	-	-	-	-	-	8	22.954	8	22.954
To Complete	0	0.000	0	0.000	0	0.000	0	0.000	10	29.674	10	29.674
Secondary Distribution - Air Force Active	0	0.000	0	0.000	0	0.000	0	0.000	-	-	-	-
Total	8	20.675	6	14.876	7	17.985	7	18.742	25	72.082	58	157.927
Secondary Distribution - Air Force Active	8	20.675	6	14.876	7	17.985	7	18.742	-	-	-	-

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	0	0	0	0	0	1	0	1	1	2	2	2	2	2	1	2	3	0	4	1	2	0	4	1	2	0	25	58
Out	0	0	0	0	0	0	0	0	0	0	0	1	1	2	2	2	2	2	1	3	2	1	3	2	1	1	3	2	27	58

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

Appropriation / Budget Activity / Budget Sub Activity:
3010F : Aircraft Procurement, Air Force / BA 5 : Modification of Inservice Aircraft / BSA 1 : Strategic Aircraft

P-1 Line Item Nomenclature:
34 - B-52 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)	10.617	20.958	93.897	9.781	-	9.781	49.665	45.759	32.062	27.363	2.543	292.645
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	10.617	20.958	93.897	9.781	-	9.781	49.665	45.759	32.062	27.363	2.543	292.645
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	10.617	20.958	93.897	9.781	-	9.781	49.665	45.759	32.062	27.363	2.543	292.645

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

Description:

This line item funds modifications to the B-52H aircraft. The B-52H strategic bomber maintains nuclear and conventional taskings. The specific modifications budgeted and programmed are below.

B-52 Advanced Weapons Integration (AWI) initiatives previously managed under MN-4260 are now managed under two separate modifications for clarity in effort, funding and schedule. The initiatives are now described in MN-4260 Advanced Weapons Integration (AWI) and MN-6884 MIL-STD 1760.

Item Schedule		Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total			
Item Nomenclature*	Exhibits	ID CD	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
B-52 (See enclosed P-40A)	P40A				10.617			20.958			93.897			5.155			0.000			5.155
B-52 Anti-Skid Replacement - 3265	P3A		-	-	-	-	-	-	-	-	-	-	-	4.626	-	-	-	-	-	4.626
Total Gross/Weapon System Cost					10.617			20.958			93.897			9.781			-			9.781

		FY 2014			FY 2015			FY 2016			FY 2017			To Complete			Total			
Item Nomenclature*	Exhibits	ID CD	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
B-52 (See enclosed P-40A)	P40A				42.928			39.748			31.147			26.433			2.543			273.426
B-52 Anti-Skid Replacement - 3265	P3A		-	-	6.737	-	-	6.011	-	-	0.915	-	-	0.930	-	-	-	-	-	19.219

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

Appropriation / Budget Activity / Budget Sub Activity: 3010F : Aircraft Procurement, Air Force / BA 5 : Modification of Inservice Aircraft / BSA 1 : Strategic Aircraft	P-1 Line Item Nomenclature: 34 - B-52 Mods
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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 (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Total Gross/Weapon System Cost					49.665			45.759			32.062			27.363			2.543			292.645

*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:
 With the exception of modifications listed in the P-40A, justification for individual modifications is provided in the P-3A exhibits.

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 1 **P-1 Line Item Nomenclature:** 34 - B-52 Mods **Aggregated Item Name:** B-52

Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
(Uncategorized)																			
1 - B-52 CONECT		-	0	8.971	-	0	6.416	-	8	82.531	-	0	0.000	-	0	0.000	-	0	0.000
<i>Secondary Distribution</i>																			
Air Force Active			0	8.971		0	6.416		6	67.068			0.000			0.000			0.000
Air Force Reserve			0	0.000		0	0.000		2	15.463			0.000			0.000			0.000
2 - MIL-STD-1760		-	0	0.000	-	0	11.541	-	0	0.000	-	0	3.238	-	0	0.000	-	0	3.238
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	11.541		0	0.000			0.000			0.000			0.000
Air National Guard			0	0.000		0	0.000		0	0.000			0.000			0.000			0.000
Air Force Reserve			0	0.000		0	0.000		0	0.000			0.000			0.000			0.000
3 - B-52 TRAINERS		-	0	0.000	-	0	2.180	-	0	1.656	-	0	1.482	-	0	0.000	-	0	1.482
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	2.180		0	1.656			1.482			0.000			1.482
4 - B-52 Structures		-	0	0.000	-	0	0.000	-	0	0.100	-	0	0.000	-	0	0.000	-	0	0.000
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.100			0.000			0.000			0.000
5 - System Effectiveness and Evolutionary Requirements		-	0	0.000	-	0	0.000	-	0	0.100	-	0	0.000	-	0	0.000	-	0	0.000
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.100			0.000			0.000			0.000
6 - Arms Control Activities		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000			0.000			0.000			0.000
7 - Mode S/5 IFF		-	0	0.000	-	0	0.000	-	0	8.725	-	0	0.000	-	0	0.000	-	0	0.000
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	8.725			0.000			0.000			0.000
Air Force Reserve			0	0.000		0	0.000		0	0.000			0.000			0.000			0.000
8 - LOW COST MODIFICATIONS		-	0	1.646	-	0	0.821	-	0	0.785	-	0	0.435	-	0	0.000	-	0	0.435
<i>Secondary Distribution</i>																			
Air Force Active			0	1.646		0	0.821		0	0.785			0.435			0.000			0.435
<i>Uncategorized Subtotal</i>				10.617			20.958			93.897			5.155			0.000			5.155

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 1	P-1 Line Item Nomenclature: 34 - B-52 Mods	Aggregated Item Name: B-52
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Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Total				10.617			20.958			93.897			5.155			0.000			5.155

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force															Date: February 2012				
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 1							P-1 Line Item Nomenclature: 34 - B-52 Mods							Aggregated Item Name: B-52					
Items († indicates the presence of a P-5A)	ID CD	FY 2014			FY 2015			FY 2016			FY 2017			To Complete			Total		
		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
(Uncategorized)																			
1 - B-52 CONECT		-	0	0.000	-	20	17.519	-	24	25.604	-	23	23.298	-	0	2.543	-	75	166.882
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		15	14.151		18	20.785		18	19.088						
Air Force Reserve			0	0.000		5	3.368		6	4.819		5	4.210						
2 - MIL-STD-1760		-	70	30.983	-	6	6.690	-	0	0.000	-	0	0.000	-	0	0.000	-	76	52.452
<i>Secondary Distribution</i>																			
Air Force Active			54	24.477		4	5.690		0	0.000		0	0.000						
Air National Guard			0	0.000		0	0.000		0	0.000		0	0.000						
Air Force Reserve			16	6.506		2	1.000		0	0.000		0	0.000						
3 - B-52 TRAINERS		-	0	1.836	-	0	2.375	-	0	2.431	-	0	2.472	-	0	0.000	-	0	14.432
<i>Secondary Distribution</i>																			
Air Force Active			0	1.836		0	2.375		0	2.431		0	2.472						
4 - B-52 Structures		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.100
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.000						
5 - System Effectiveness and Evolutionary Requirements		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.100
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.000						
6 - Arms Control Activities		-	0	0.500	-	0	0.203	-	0	0.102	-	0	0.203	-	0	0.000	-	0	1.008
<i>Secondary Distribution</i>																			
Air Force Active			0	0.500		0	0.203		0	0.102		0	0.203						
7 - Mode S/5 IFF		-	24	9.590	-	43	12.357	-	7	2.557	-	0	0.000	-	0	0.000	-	74	33.229
<i>Secondary Distribution</i>																			
Air Force Active			24	9.590		25	7.700		7	2.557		0	0.000						
Air Force Reserve			0	0.000		18	4.657		0	0.000		0	0.000						
8 - LOW COST MODIFICATIONS		-	0	0.019	-	0	0.604	-	0	0.453	-	0	0.460	-	0	0.000	-	0	5.223
<i>Secondary Distribution</i>																			
Air Force Active			0	0.019		0	0.604		0	0.453		0	0.460						
<i>Uncategorized Subtotal</i>				42.928			39.748			31.147			26.433			0.000			273.426

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 1	P-1 Line Item Nomenclature: 34 - B-52 Mods	Aggregated Item Name: B-52
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Items († indicates the presence of a P-5A)	ID CD	FY 2014			FY 2015			FY 2016			FY 2017			To Complete			Total		
		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Total				42.928			39.748			31.147			26.433			2.543			273.426

Remarks:

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 1	P-1 Line Item Nomenclature: 34 - B-52 Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): B-52 Anti-Skid Replacement - 3265

Models of Systems Affected: B-52H	Type Modification: Reliability & Maintainability	Related RDT&E PEs: 0101113F
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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)	-	-	-	4.626	-	4.626	6.737	6.011	0.915	0.930	-	19.219
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	-	-	4.626	-	4.626	6.737	6.011	0.915	0.930	-	19.219
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	-	-	-	4.626	-	4.626	6.737	6.011	0.915	0.930	-	19.219

(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 Millions)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The B-52 Anti-Skid system is used to maintain control of aircraft during landings and taxi operations. The B-52 Anti-Skid system prevents aircraft skidding by sensing the exact amount of brake pressure needed for safe braking under all runway conditions without tire damage.

Previous B-52 Anti-Skid supportability analysis, completed in Oct 2006 by General Atomics, indicated a supportability end date of 2011, based on parts obsolescence, a lack of test equipment and a lack of repair personnel. Parts obsolescence continues to be a major supportability factor. However, since the previous analysis, test equipment and new depot maintenance procedures to refurbish previously failed Anti-Skid Detectors have been put in place in order to provide spares until 2014/2015 when the replacement will be available.

The Anti-Skid replacement program is a joint effort between Ogden Air Logistics Center (OO-ALC) and Oklahoma City Air Logistics Center (OC-ALC) to develop and install a new system. This effort includes an upgrade of the maintenance trainers.

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Exhibit P-3A, Individual Modification: PB 2013 Air Force								Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 1				P-1 Line Item Nomenclature: 34 - B-52 Mods				Modification Nomenclature (<i>Modification Title, Modification Number</i>): B-52 Anti-Skid Replacement - 3265					
Models of Systems Affected: B-52H			Type Modification: Reliability & Maintainability				Related RDT&E PEs: 0101113F						
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
RDT&E PE #													
0101113F	0	9.325	0	5.996	0	6.218	0	0.751	0	0.000	0	0.751	
Procurement													
B-52 Anti-Skid Replacement													
A Kits													
Recurring													
INSTALL KITS Group A (Active)	0	0.000	0	0.000	0	0.000	14	0.851	0	0.000	14	0.851	
INSTALL KITS Group A (Reserve)	0	0.000	0	0.000	0	0.000	6	0.365	0	0.000	6	0.365	
<i>Subtotal Recurring</i>		<i>0.000</i>		<i>0.000</i>		<i>0.000</i>		<i>1.216</i>		<i>0.000</i>		<i>1.216</i>	
NonRecurring													
KITS NONRECUR Group A (Active)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	
KITS NONRECUR Group A (Guard)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	
KITS NONRECUR Group A (Reserve)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	
<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>0.000</i>	
B Kits													
Recurring													
EQUIPMENT Group B (Active)	0	0.000	0	0.000	0	0.000	14	1.809	0	0.000	14	1.809	
EQUIPMENT Group B (Reserve)	0	0.000	0	0.000	0	0.000	6	0.776	0	0.000	6	0.776	
<i>Subtotal Recurring</i>		<i>0.000</i>		<i>0.000</i>		<i>0.000</i>		<i>2.585</i>		<i>0.000</i>		<i>2.585</i>	
Secondary Distribution													
Air Force Active	0	0.000	0	0.000	0	0.000	14	3.485	0	0.000	14	3.485	
Air Force Reserve	0	0.000	0	0.000	0	0.000	6	1.141	0	0.000	6	1.141	
<i>Total, B-52 Anti-Skid Replacement</i>	<i>0</i>	<i>0.000</i>	<i>0</i>	<i>0.000</i>	<i>0</i>	<i>0.000</i>	<i>20</i>	<i>3.801</i>	<i>0</i>	<i>0.000</i>	<i>20</i>	<i>3.801</i>	
<i>Total, All Modifications</i>		<i>0.000</i>		<i>0.000</i>		<i>0.000</i>		<i>3.801</i>		<i>0.000</i>		<i>3.801</i>	
Support													
DATA	0	0.000	0	0.000	0	0.000	0	0.112	0	0.000	0	0.112	
SIM/TRAINER	0	0.000	0	0.000	0	0.000	3	0.571	0	0.000	3	0.571	
PMA - Gov't Costs	0	0.000	0	0.000	0	0.000	0	0.142	0	0.000	0	0.142	
<i>Total Support Cost</i>		<i>0.000</i>		<i>0.000</i>		<i>0.000</i>		<i>0.825</i>		<i>0.000</i>		<i>0.825</i>	

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 1	P-1 Line Item Nomenclature: 34 - B-52 Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): B-52 Anti-Skid Replacement - 3265

Models of Systems Affected: B-52H	Type Modification: Reliability & Maintainability	Related RDT&E PEs: 0101113F
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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		4.626		0.000		4.626
<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		4.626		0.000		4.626

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
RDT&E PE #												
0101113F	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	22.290
Procurement												
B-52 Anti-Skid Replacement												
A Kits												
Recurring												
INSTALL KITS Group A (Active)	24	1.494	20	1.266	0	0.000	0	0.000	0	0.000	58	3.611
INSTALL KITS Group A (Reserve)	6	0.374	6	0.380	0	0.000	0	0.000	0	0.000	18	1.119
<i>Subtotal Recurring</i>		<i>1.868</i>		<i>1.646</i>		<i>0.000</i>		<i>0.000</i>		<i>0.000</i>		<i>4.730</i>
NonRecurring												
KITS NONRECUR Group A (Active)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
KITS NONRECUR Group A (Guard)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
KITS NONRECUR Group A (Reserve)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
<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>0.000</i>
B Kits												
Recurring												
EQUIPMENT Group B (Active)	24	3.169	20	2.688	0	0.000	0	0.000	0	0.000	58	7.666
EQUIPMENT Group B (Reserve)	6	0.792	6	0.807	0	0.000	0	0.000	0	0.000	18	2.375
<i>Subtotal Recurring</i>		<i>3.961</i>		<i>3.495</i>		<i>0.000</i>		<i>0.000</i>		<i>0.000</i>		<i>10.041</i>
Secondary Distribution												
Air Force Active	24	4.838	20	4.034	0	0.187	0	0.930	-	-	-	-
Air Force Reserve	6	1.166	6	1.187	0	0.000	0	0.000	-	-	-	-
<i>Total, B-52 Anti-Skid Replacement</i>	<i>30</i>	<i>5.829</i>	<i>26</i>	<i>5.141</i>	<i>0</i>	<i>0.000</i>	<i>0</i>	<i>0.000</i>	<i>0</i>	<i>0.000</i>	<i>76</i>	<i>14.771</i>

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 1	P-1 Line Item Nomenclature: 34 - B-52 Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): B-52 Anti-Skid Replacement - 3265

Models of Systems Affected: B-52H	Type Modification: Reliability & Maintainability	Related RDT&E PEs: 0101113F
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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>		5.829		5.141		0.000		0.000		0.000		14.771
Support												
DATA	0	0.000	0	0.000	0	0.000	0	0.685	0	0.000	0	0.797
SIM/TRAINER	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	3	0.571
PMA - Gov't Costs	0	0.175	0	0.080	0	0.187	0	0.245	0	0.000	0	0.829
<i>Total Support Cost</i>		0.175		0.080		0.187		0.930		0.000		2.197
<i>Procurement Cost (Procurement + Support)</i>		6.004		5.221		0.187		0.930		0.000		16.968
<i>Total Installation Cost</i>		0.733		0.790		0.728		0.000		0.000		2.251
Total Cost (Procurement + Support + Installation)		6.737		6.011		0.915		0.930		0.000		19.219

Remarks:

Manufacturer Information: B-52 Anti-Skid Replacement

Manufacturer Name: Boeing	Manufacturer Location: Wichita, KS
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			Jun 2013	Jan 2014	Jun 2015		
Delivery Dates			Dec 2013	Jul 2014	Dec 2015		

Installation: B-52 Anti-Skid Replacement **Method of Implementation:** Contract Field Team **Installation Name:**

Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ 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	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Reserve	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Air Force										Date: February 2012		
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 1					P-1 Line Item Nomenclature: 34 - B-52 Mods					Modification Nomenclature (<i>Modification Title, Modification Number</i>): B-52 Anti-Skid Replacement - 3265		
Models of Systems Affected: B-52H				Type Modification: Reliability & Maintainability				Related RDT&E PEs: 0101113F				
Installation: B-52 Anti-Skid Replacement				Method of Implementation: Contract Field Team				Installation Name:				
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>
Secondary Distribution - Air Force Reserve	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Reserve	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Reserve	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Reserve	-	-	-	-	-	-	-	-	-	-	-	-
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	20	0.733	-	-	-	-	-	-	0	0.000	20	0.733
Secondary Distribution - Air Force Active	14	0.513	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Reserve	6	0.220	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	30	0.790	-	-	-	-	0	0.000	30	0.790
Secondary Distribution - Air Force Active	-	-	24	0.632	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Reserve	-	-	6	0.158	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	26	0.728	-	-	0	0.000	26	0.728
Secondary Distribution - Air Force Active	-	-	-	-	20	0.560	-	-	-	-	-	-
Secondary Distribution - Air Force Reserve	-	-	-	-	6	0.168	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 1		P-1 Line Item Nomenclature: 34 - B-52 Mods
Modification Nomenclature (Modification Title, Modification Number): B-52 Anti-Skid Replacement - 3265		
Models of Systems Affected: B-52H	Type Modification: Reliability & Maintainability	Related RDT&E PEs: 0101113F

Installation: B-52 Anti-Skid Replacement		Method of Implementation: Contract Field Team				Installation Name:						
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	0	0.000	0	0.000	0	0.000	-	-	0	0.000	0	0.000
Secondary Distribution - Air Force Active	0	0.000	0	0.000	0	0.000	-	-	-	-	-	-
Secondary Distribution - Air Force Reserve	0	0.000	0	0.000	0	0.000	-	-	-	-	-	-
Total	20	0.733	30	0.790	26	0.728	-	-	0	0.000	76	2.251
Secondary Distribution - Air Force Active	14	0.513	24	0.632	20	0.560	-	-	-	-	-	-
Secondary Distribution - Air Force Reserve	6	0.220	6	0.158	6	0.168	-	-	-	-	-	-

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	0	0	0	0	0	0	0	0	0	0	0	0	6	7	7	8	8	7	7	7	7	7	6	6	0	0	0	0	0	76
Out	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	7	7	8	8	7	7	7	7	7	6	6	0	0	0	0	76

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

Appropriation / Budget Activity / Budget Sub Activity:
3010F : Aircraft Procurement, Air Force / BA 5 : Modification of Inservice Aircraft / BSA 1 : Strategic Aircraft

P-1 Line Item Nomenclature:
35 - Large Aircraft Infrared Countermeasures 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)	0.000	0.000	0.000	28.800	139.800	168.600	29.397	30.379	30.579	31.130	573.597	863.682
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	0.000	0.000	0.000	28.800	139.800	168.600	29.397	30.379	30.579	31.130	573.597	863.682
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	0.000	0.000	0.000	28.800	139.800	168.600	29.397	30.379	30.579	31.130	573.597	863.682

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

Description:

The Large Aircraft Infrared Countermeasures (LAIRCM) system provides a significantly improved defensive capability for the Department of Defense to counter the proliferating infrared (IR) man-portable air defense systems (MANPADS) missile threats. This system is fully automatic following power-up and consists of group A aircraft modification kits and group B equipment. The LAIRCM system [AN/AQQ-24(V)] consists of Missile Warning Sensors (MWS), Guardian Laser Transmitter Assemblies (GLTA)/Small Laser Transmitter Assemblies (SLTA), a colorless eye-safe multiban laser, Control Indicator Unit (CIU), a system processor to detect, track and counter incoming IR missiles and repeaters as needed by the platform.

Enhancements and retrofits to the current configuration are planned for purchase and installation in FY08 and beyond. These enhancements include retrofits of the SLTA to a smaller, lighter GLTA. In addition, the current AAR-54 sensor will be replaced by a more effective infrared (IR) Next Generation Missile Warning Sensor (NexGen MWS). The processor and CIU are also slated to be replaced with updated versions that address Diminishing Manufacturing Sources (DMS) and reliability efforts.

The LAIRCM production modification funds individual platforms via their P-1 line items through FY12 (P-1 lines: C-17, #48; C-5, #43; C-130, #64; and C-130J, #66). The production modification funding continues in FY13 via the LAIRCM P-1 line item (#36). This change consolidates all Air Force LAIRCM production funding under a single P-1 line item and facilitates improved financial reporting and flexibility in meeting warfighter requirements. However, each individual platform program office retains program management, requirements generation and reporting responsibilities for their LAIRCM modification programs.

Item Schedule		ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
LAIRCM (See enclosed P-40A)	P40A				0.000			0.000			0.000			0.000			0.000			0.000

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

Appropriation / Budget Activity / Budget Sub Activity:
3010F : Aircraft Procurement, Air Force / BA 5 : Modification of Inservice Aircraft /
BSA 1 : Strategic Aircraft

P-1 Line Item Nomenclature:
35 - Large Aircraft Infrared Countermeasures Mods

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 (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
LARGE AIRCRAFT INFRARED COUNTERMEASURES C-130 - 1	P3A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	28.300	-	-	28.300
LARGE AIRCRAFT INFRARED COUNTERMEASURES C-130J - 2	P3A		-	-	0.000	-	-	0.000	-	-	0.000	-	-	8.285	-	-	38.100	-	-	46.385
LARGE AIRCRAFT INFRARED COUNTERMEASURES C-17 - 3	P3A		-	-	-	-	-	-	-	-	-	-	-	17.368	-	-	-	-	-	17.368
LARGE AIRCRAFT INFRARED COUNTERMEASURES C-5 - 4	P3A		-	-	-	-	-	0.000	-	-	0.000	-	-	3.147	-	-	27.300	-	-	30.447
LARGE AIRCRAFT INFRARED COUNTERMEASURES HC/ MC-130 Recap - 5	P3A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	46.100	-	-	46.100
Total Gross/Weapon System Cost					0.000			0.000			0.000			28.800			139.800			168.600

Item Nomenclature*	Exhibits	ID CD	FY 2014			FY 2015			FY 2016			FY 2017			To Complete			Total		
			Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
LAIRCM (See enclosed P-40A)	P40A				1.800			0.000			0.000			0.000			290.757			292.557
LARGE AIRCRAFT INFRARED COUNTERMEASURES C-130 - 1	P3A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	28.300
LARGE AIRCRAFT INFRARED COUNTERMEASURES C-130J - 2	P3A		-	-	8.447	-	-	8.712	-	-	8.875	-	-	9.020	-	-	1.090	-	-	82.529
LARGE AIRCRAFT INFRARED COUNTERMEASURES C-17 - 3	P3A		-	-	13.911	-	-	16.288	-	-	16.223	-	-	16.540	-	-	281.750	-	-	362.080
LARGE AIRCRAFT INFRARED COUNTERMEASURES C-5 - 4	P3A		-	-	5.239	-	-	5.379	-	-	5.481	-	-	5.570	-	-	-	-	-	52.116

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

Appropriation / Budget Activity / Budget Sub Activity:
 3010F : Aircraft Procurement, Air Force / BA 5 : Modification of Inservice Aircraft /
 BSA 1 : Strategic Aircraft

P-1 Line Item Nomenclature:
 35 - Large Aircraft Infrared Countermeasures 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 (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
LARGE AIRCRAFT INFRARED COUNTERMEASURES HC/ MC-130 Recap - 5	P3A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	46.100
Total Gross/Weapon System Cost					29.397			30.379			30.579			31.130			573.597			863.682

*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:
 With the exception of modifications listed in the P-40A, justification for individual modifications is provided in the P-3A exhibits.

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 1 **P-1 Line Item Nomenclature:** 35 - Large Aircraft Infrared Countermeasures Mods **Aggregated Item Name:** LAIRCM

Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
(Uncategorized)																			
1 - LAIRCM C-17 LTA Retrofit		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.000		0	0.000		0	0.000
Air Force Reserve			0	0.000		0	0.000		0	0.000		0	0.000		0	0.000		0	0.000
2 - LAIRCM C-17 MWS Retrofit		-	0	0.000	-	0	0.000	-	3	0.000	-	0	0.000	-	0	0.000	-	0	0.000
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		3	0.000		0	0.000		0	0.000		0	0.000
Air National Guard			0	0.000		0	0.000		0	0.000		0	0.000		0	0.000		0	0.000
Air Force Reserve			0	0.000		0	0.000		0	0.000		0	0.000		0	0.000		0	0.000
<i>Uncategorized Subtotal</i>				<i>0.000</i>			<i>0.000</i>			<i>0.000</i>			<i>0.000</i>			<i>0.000</i>			<i>0.000</i>
Total				0.000			0.000			0.000			0.000			0.000			0.000

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 1	P-1 Line Item Nomenclature: 35 - Large Aircraft Infrared Countermeasures Mods	Aggregated Item Name: LAIRCM
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Items († indicates the presence of a P-5A)	ID CD	FY 2014			FY 2015			FY 2016			FY 2017			To Complete			Total		
		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
(Uncategorized)																			
1 - LAIRCM C-17 LTA Retrofit		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	5	13.332	-	5	13.332
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.000						
Air Force Reserve			0	0.000		0	0.000		0	0.000		0	0.000						
2 - LAIRCM C-17 MWS Retrofit		-	0	1.800	-	0	0.000	-	0	0.000	-	0	0.000	-	137	277.425	-	140	279.225
<i>Secondary Distribution</i>																			
Air Force Active			0	1.800		0	0.000		0	0.000		0	0.000						
Air National Guard			0	0.000		0	0.000		0	0.000		0	0.000						
Air Force Reserve			0	0.000		0	0.000		0	0.000		0	0.000						
<i>Uncategorized Subtotal</i>				1.800			0.000			0.000			0.000			0.000			292.557
Total				1.800			0.000			0.000			0.000			290.757			292.557

Remarks:

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 1	P-1 Line Item Nomenclature: 35 - Large Aircraft Infrared Countermeasures Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): LARGE AIRCRAFT INFRARED COUNTERMEASURES C-130 - 1

Models of Systems Affected: C/AC/MC/HC-130	Type Modification: Capability Improvement	Related RDT&E PEs: 0401134F
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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)	-	-	-	-	28.300	28.300	-	-	-	-	-	28.300
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	-	-	-	28.300	28.300	-	-	-	-	-	28.300
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	-	-	-	-	28.300	28.300	-	-	-	-	-	28.300

(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 Millions)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The Large Aircraft Infrared Countermeasures (LAIRCM) system provides a significantly improved defensive capability for the C-130 to counter the proliferating infrared (IR) man-portable air defense systems (MANPADS) missile threats. This system is fully automatic following power-up and consists of group A aircraft modification kits and group B equipment. The LAIRCM system [AN/AAQ-24(V)] consists of 5 ultra-violet (UV) missile warning sensors (MWS), 2 Guardian Laser Transmitter Assemblies (GLTA)/Small Laser Transmitter Assemblies (SLTA), a colorless eye-safe multiband laser, control indicator unit (CIU), and a system processor to detect, track, and counter incoming Infrared (IR) missiles.

The "Change Orders" line in the funding table includes diminishing manufacturing sources (DMS) costs for the identification, review and monitoring of items with high DMS risk potential, classification of identified items according to criticality, identification of alternatives for items having high DMS risks, and non-recurring engineering (NRE)/replacement costs for DMS components. Additionally, "change orders" include NRE/replacement costs for equipment updates to increase reliability, availability, and maintainability of LAIRCM group B line replaceable unit (LRU)/shop replaceable unit (SRU) components as identified during the fiscal year.

NOTES:

The C-130 LAIRCM production modification is funded via the C-130 P-1 line item through FY12. The LAIRCM production modification number through FY12 is 8629. The C-130 LAIRCM production modification funding continues in FY13 until completion via the LAIRCM P-1 line item. The LAIRCM production modification number for C-130 starting with FY13 is 8629C130. This change consolidates all Air Force LAIRCM production funding under a single P-1 line item and facilitates improved financial reporting and flexibility in meeting warfighter requirements

Two hundred and ninety-six (296) C-130 aircraft (Active, Guard and Reserve) are funded (includes FY 12 OCO and FY 13 OCO request) and will be modified with LAIRCM.

C-130 P-1 Line:

FY08 procured 7 A & B kits and installs for AC-130H for AFSOC

FY08 Totals (\$8.248M C-130 Mod + \$39.097M AFRC = \$47.345M)

FY09 procured 16 A kits for AFRC and 8 B kits.

FY09 OCO procured 20 A & B kits and installs (8 AFRC, 12 ANG).

FY09 Totals (\$79.096M C-130 Mod including OCO + \$54.985M AFRC = \$134.081M)

FY10 \$1.033M (AFRC PE 0504343F) will procure potential engineering changes and program management costs. FY10 also includes the Congressional add (\$13.683M) for 4 MC-130P A & B kits and installs (AFSOC, Active).

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 1	P-1 Line Item Nomenclature: 35 - Large Aircraft Infrared Countermeasures Mods	Modification Nomenclature (Modification Title, Modification Number): LARGE AIRCRAFT INFRARED COUNTERMEASURES C-130 - 1
Models of Systems Affected: C/AC/MC/HC-130	Type Modification: Capability Improvement	Related RDT&E PEs: 0401134F
<p>FY10 OCO procures 40 A kits and installs and 19 B kits (broken out below). FY10 Totals (\$1.033M AFRC + \$13.683M Congressional add + \$86.4M OCO = \$101.116M) FY11 OCO \$132M procures 28 A kits and installs and 26 B kits (as broken out below). FY11 Total OCO:\$132M FY 12 OCO request of \$57.841M procures 25 B kits (5 for AFRC and 20 for ANG, note that Group B Equipment will be utilizing SLTAs coming off of C-17 Aircraft). An additional \$97M procures 26 A and B kits and installs for AFSOC (17 AC-130Us and 9 MC-130Hs). FY12 total OCO:\$154.841M</p> <p>LAIRCM P-1 Line: FY13 OCO request of \$28.3M procures 5 A and B kits and installs for ACC (HC-130P).</p> <p>This program has associated Research Development Test and Evaluation (RDT&E) in PE 0401134F. Two C-130s were modified with RDT&E funding (1 C-130H in FY03 and 1 AC-130H in FY06). One additional C-130 will be modified with RDT&E funding in FY13 (AC-130U).</p> <p>30 SLTA B kits will be provided for C-130 installs from the C-17 LAIRCM GLTA upgrade with the remaining group B being purchased from the FY 12 OCO request.</p> <p>FY 2009 funding totals include \$71.5M for Overseas Contingency Operations. FY 2010 funding totals include \$86.4M for Overseas Contingency Operations. FY 2011 funding totals include \$132M for Overseas Contingency Operations. FY 2012 funding totals include \$154.841M for Overseas Contingency Operations. FY 2013 funding totals include \$28.3M for Overseas Contingency Operations.</p> <p>"INSTALLATION OF HARDWARE" and the "Installation Schedule" section are aligned with Group A installs.</p> <p> </p> <p>GROUP A PROCUREMENT & INSTALL C-130 Kit Procurement - Includes AFSOC aircraft Prior FY11 FY12 FY13 TOTAL Active 52 0 26 5 83 Reserve 84 0 0 0 84 ANG 101 28 0 0 129</p> <p>Kit Install Prior FY11 FY12 FY13 FY14 FY15 TOTAL Active 30 8 5 9 31 0 83 Reserve 42 31 11 0 0 0 84 ANG 63 12 26 28 0 0 129</p> <p>GROUP B PROCUREMENT & INSTALL</p>		

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 1	P-1 Line Item Nomenclature: 35 - Large Aircraft Infrared Countermeasures Mods	Modification Nomenclature <i>(Modification Title, Modification Number):</i> LARGE AIRCRAFT INFRARED COUNTERMEASURES C-130 - 1
Models of Systems Affected: C/AC/MC/HC-130	Type Modification: Capability Improvement	Related RDT&E PEs: 0401134F
<p>C-130 Kit Procurement - Includes AFSOC aircraft Prior FY11 FY12 FY13 FY14 FY15 TOTAL Active 52 0 26 5 0 0 83 Reserve 42 0 5 0 0 0 47 ANG 55 26 20 0 0 0 101</p> <p>Kit Install Prior FY11 FY12 FY13 FY14 FY15 TOTAL Active 30 8 5 9 31 0 83 Reserve 40 2 0 5 0 0 47 ANG 55 12 14 20 0 0 101</p> <p>Aircraft Breakdown group B: Active 83, Reserve 47, ANG 101, Total 231 "Air..."</p>		

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Exhibit P-3A, Individual Modification: PB 2013 Air Force									Date: February 2012				
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 1				P-1 Line Item Nomenclature: 35 - Large Aircraft Infrared Countermeasures Mods					Modification Nomenclature (Modification Title, Modification Number): LARGE AIRCRAFT INFRARED COUNTERMEASURES C-130 - 1				
Models of Systems Affected: C/AC/MC/HC-130			Type Modification: Capability Improvement				Related RDT&E PEs: 0401134F						
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
LARGE AIRCRAFT INFRARED COUNTERMEASURES C-130													
A Kits													
Recurring													
INSTALL KITS Group A (Active)													
	0	0.000	0	0.000	0	0.000	0	0.000	5	2.575	5	2.575	
<i>Subtotal Recurring</i>		0.000	0.000	0.000	0.000	0.000	0.000	2.575	2.575	2.575	2.575		
B Kits													
Recurring													
EQUIPMENT Group B (Active)													
	0	0.000	0	0.000	0	0.000	0	0.000	5	21.791	5	21.791	
<i>Subtotal Recurring</i>		0.000	0.000	0.000	0.000	0.000	0.000	21.791	21.791	21.791	21.791		
Secondary Distribution													
Air Force Active													
	0	0.000	0	0.000	0	0.000	0	0.000	5	25.425	5	25.425	
<i>Total, LARGE AIRCRAFT INFRARED COUNTERMEASURES C-130</i>		0	0.000	0	0.000	0	0.000	0	0.000	5	24.366	5	24.366
<i>Total, All Modifications</i>		0.000	0.000	0.000	0.000	0.000	0.000	0.000	24.366	24.366	24.366		
Support													
CHANGE ORDERS													
	0	0.000	0	0.000	0	0.000	0	0.000	0	0.352	0	0.352	
Install Spares													
	0	0.000	0	0.000	0	0.000	0	0.000	0	0.707	0	0.707	
<i>Total Support Cost</i>		0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.059	1.059	1.059		
<i>Procurement Cost (Procurement + Support)</i>		0.000	0.000	0.000	0.000	0.000	0.000	0.000	25.425	25.425	25.425		
<i>Total Installation Cost</i>		0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.875	2.875	2.875		
Total Cost (Procurement + Support + Installation)		0.000	0.000	0.000	0.000	0.000	0.000	0.000	28.300	28.300	28.300		
Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
LARGE AIRCRAFT INFRARED COUNTERMEASURES C-130													
A Kits													
Recurring													

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Exhibit P-3A, Individual Modification: PB 2013 Air Force									Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 1				P-1 Line Item Nomenclature: 35 - Large Aircraft Infrared Countermeasures Mods					Modification Nomenclature (Modification Title, Modification Number): LARGE AIRCRAFT INFRARED COUNTERMEASURES C-130 - 1			
Models of Systems Affected: C/AC/MC/HC-130			Type Modification: Capability Improvement				Related RDT&E PEs: 0401134F					
Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
INSTALL KITS Group A (Active)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	5	2.575
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		2.575
B Kits												
Recurring												
EQUIPMENT Group B (Active)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	5	21.791
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		21.791
Secondary Distribution												
Air Force Active												
	0	0.000	0	0.000	0	0.000	0	0.000	-	-	-	-
<i>Total, LARGE AIRCRAFT INFRARED COUNTERMEASURES C-130</i>	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	5	24.366
<i>Total, All Modifications</i>		0.000		0.000		0.000		0.000		0.000		24.366
Support												
CHANGE ORDERS	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.352
Install Spares	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.707
<i>Total Support Cost</i>		0.000		0.000		0.000		0.000		0.000		1.059
<i>Procurement Cost (Procurement + Support)</i>		0.000		0.000		0.000		0.000		0.000		25.425
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		2.875
Total Cost (Procurement + Support + Installation)		0.000		0.000		0.000		0.000		0.000		28.300
Remarks:												
Manufacturer Information: LARGE AIRCRAFT INFRARED COUNTERMEASURES C-130												
Manufacturer Name: Northrop Grumman Corporation						Manufacturer Location: Rolling Meadows, IL						
Administrative Leadtime (in Months): 3						Production Leadtime (in Months): 7						
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017					
Contract Dates			Sep 2013									
Delivery Dates			Apr 2014									

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 1	P-1 Line Item Nomenclature: 35 - Large Aircraft Infrared Countermeasures Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): LARGE AIRCRAFT INFRARED COUNTERMEASURES C-130 - 1

Models of Systems Affected: C/AC/MC/HC-130	Type Modification: Capability Improvement	Related RDT&E PEs: 0401134F
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Installation: LARGE AIRCRAFT INFRARED COUNTERMEASURES C-130	Method of Implementation: Contractor Facility	Installation Name:
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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	2.875	0	2.875
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	0	2.875	0	2.875
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	0	0.000	0	0.000
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	0	0.000	0	0.000
Total	-	-	-	-	-	-	-	-	0	2.875	0	2.875
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	0	2.875	0	2.875

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ 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	0	2.875
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	0	0.000	0	0.000

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 1	P-1 Line Item Nomenclature: 35 - Large Aircraft Infrared Countermeasures Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): LARGE AIRCRAFT INFRARED COUNTERMEASURES C-130 - 1

Models of Systems Affected: C/AC/MC/HC-130	Type Modification: Capability Improvement	Related RDT&E PEs: 0401134F
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Installation: LARGE AIRCRAFT INFRARED COUNTERMEASURES C-130	Method of Implementation: Contractor Facility	Installation Name:
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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>
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	0	0.000	0	2.875
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-

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	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Out	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	0	0	0	0	0	0	0	0	0	0	0	0	0

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 1	P-1 Line Item Nomenclature: 35 - Large Aircraft Infrared Countermeasures Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): LARGE AIRCRAFT INFRARED COUNTERMEASURES C-130J - 2

Models of Systems Affected: C130J	Type Modification: Capability Improvement	Related RDT&E PEs: 0401134F
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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	8.285	38.100	46.385	8.447	8.712	8.875	9.020	1.090	82.529
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	0.000	0.000	0.000	8.285	38.100	46.385	8.447	8.712	8.875	9.020	1.090	82.529
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	0.000	0.000	0.000	8.285	38.100	46.385	8.447	8.712	8.875	9.020	1.090	82.529

(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 Millions)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The Large Aircraft Infrared Countermeasures (LAIRCM) system provides a significantly improved defensive capability for the C-130J to counter the proliferating Infrared (IR) man-portable air defense systems (MANPADS) missile threats. This system is fully automatic following power-up and consists of group A aircraft modification kits and group B equipment. The LAIRCM system [AN/AAQ-24(V)] consists of 5 ultra-violet (UV) missile warning sensors (MWS), 2 Guardian Laser Transmitter Assemblies (GLTA) a colorless eye-safe multiband laser, control indicator unit (CIU), and a system processor to detect, track, and counter incoming IR missiles.

The "Change Orders" line in the funding table includes diminishing manufacturing sources (DMS) costs for the identification, review and monitoring of items with high DMS risk potential, classification of identified items according to criticality, identification of alternatives for items having high DMS risks, and non-recurring engineering (NRE)/replacement costs for DMS components. Additionally, "change orders" include NRE/replacement costs for equipment updates to increase reliability, availability, and maintainability of LAIRCM group B components as identified during the fiscal year.

NOTES:

The C-130J LAIRCM production modification is funded via the C-130J P-1 line item through FY12. The LAIRCM production modification number through FY12 is 8629. The C-130J LAIRCM production modification funding continues in FY13 until completion via the LAIRCM P-1 line item. The LAIRCM production modification number for C-130J starting with FY13 is 8629C130J. This change consolidates all Air Force LAIRCM production funding under a single P-1 line item and facilitates improved financial reporting and flexibility in meeting warfighter requirements.

FY12 procures 1 group A and B kit with Aircraft Production funds not documented on this P3A
 FY13 procures 2 group A and B kits with Aircraft Production funds not documented on this P3A
 FY14 procures 5 group A and B kits with Aircraft Production funds not documented on this P3A
 FY15 procures 8 group A and B kits with Aircraft Production funds not documented on this P3A

C-130J P-1 Line:

FY09 OCO Bridge funding procured 2 Grp A and B kits for EC-130J (ANG) - Installs in FY13.
 FY11 procures 6 Grp A and B kits (Active) - Installs in FY13.
 FY12 procures 2 Grp A and B kits (Active) - Installs in FY13.
 FY12 OCO procures 5 Grp A and B kits (Active) - Installs in FY14.

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 1	P-1 Line Item Nomenclature: 35 - Large Aircraft Infrared Countermeasures Mods	Modification Nomenclature <i>(Modification Title, Modification Number):</i> LARGE AIRCRAFT INFRARED COUNTERMEASURES C-130J - 2

Models of Systems Affected: C130J	Type Modification: Capability Improvement	Related RDT&E PEs: 0401134F
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LAIRCM P-1 Line:
 FY13 procures 1 Grp A and B kit (Active) plus 8 installs (6 FY11 and 2 FY12) - Installs in FY14.
 FY13 OCO procures 8 Grp A and B kits (Active) and installs in FY14.
 FY14 procures 2 Grp A and B kits (Active) plus 1 install - Installs in FY15.
 FY 15 procures 2 Grp A and B kits (Active) plus 2 installs - Installs in FY16.
 FY16 procures 2 Grp A and B kits (Active) plus 2 installs - Installs in FY17.
 FY17 procures 2 Grp A and B kits (Active) plus 2 installs - Installs in FY18.

The FY09 supplemental "Bridge" funding was early to need as the baseline C-130J RDT&E effort will not be complete until FY11. FY09 funds were used to buy two EC-130J kits and installs when the first C-130J kits are procured in FY11. Therefore, these two FY09-funded kits will not be installed until FY13.

This program has associated Research, Development, Test & Evaluation (RDT&E) funding in PE 0401134F. One C-130J will be modified using RDT&E funding.

FY 2009 funding totals include \$12M of appropriated supplemental "Bridge" funding.
 FY 2011 NAREA funding 22.6M procures 7 Group B kits for the AF Guard.
 FY 2012 funding totals include \$27.9M for Overseas Contingency Operations.
 FY 2013 funding totals include \$38.1M for Overseas Contingency Operations.

"INSTALLATION OF HARDWARE" and the "Installation Schedule" section are aligned with group A installs. Install schedule is predicated on additional modification lines at WR-ALC and/or Lockheed Martin. GROUP A & B

Kits Prior	FY11	FY12	FY13	FY 14	FY 15	FY 16	FY 17	To Comp	Total
Active	0	6	7	9	2	2	2	2	30
ANG	2	0	0	0	0	0	0	0	2

Inst. Prior	FY 11	FY 12	FY 13	FY 14	FY 15	FY 16	FY 17	To Comp	Total
Active	0	0	0	8	9	7	2	2	30
ANG	0	0	0	2	0	0	0	0	2

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Exhibit P-3A, Individual Modification: PB 2013 Air Force								Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 1				P-1 Line Item Nomenclature: 35 - Large Aircraft Infrared Countermeasures Mods				Modification Nomenclature (Modification Title, Modification Number): LARGE AIRCRAFT INFRARED COUNTERMEASURES C-130J - 2					
Models of Systems Affected: C130J			Type Modification: Capability Improvement					Related RDT&E PEs: 0401134F					
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
RDT&E PE #													
0401134F	0	17.912	0	2.930	0	0.000	0	0.000	0	0.000	0	0.000	
Procurement													
LARGE AIRCRAFT INFRARED COUNTERMEASURES C-130J													
A Kits													
Recurring													
INSTALL KITS Group A (Active)	0	0.000	6	0.000	7	0.000	1	0.700	8	5.600	9	6.300	
INSTALL KITS Group A (Guard)	2	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	
INSTALL KITS Group A (Reserve)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	
<i>Subtotal Recurring</i>		<i>0.000</i>		<i>0.000</i>		<i>0.000</i>		<i>0.700</i>		<i>5.600</i>		<i>6.300</i>	
B Kits													
Recurring													
EQUIPMENT Group B (Active)	0	0.000	6	0.000	7	0.000	1	2.500	8	20.000	9	22.500	
EQUIPMENT Group B (Guard)	2	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	
EQUIPMENT Group B (Reserve)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	
<i>Subtotal Recurring</i>		<i>0.000</i>		<i>0.000</i>		<i>0.000</i>		<i>2.500</i>		<i>20.000</i>		<i>22.500</i>	
NonRecurring													
EQUIP NONREC Group B (Guard)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	
EQUIP NONREC Group B (Reserve)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	
<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>0.000</i>	
Secondary Distribution													
Air Force Active	0	0.000	6	0.000	7	0.000	1	4.285	8	34.100	9	38.385	
Air National Guard	2	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	
Air Force Reserve	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	
<i>Total, LARGE AIRCRAFT INFRARED COUNTERMEASURES C-130J</i>	<i>2</i>	<i>0.000</i>	<i>6</i>	<i>0.000</i>	<i>7</i>	<i>0.000</i>	<i>1</i>	<i>3.200</i>	<i>8</i>	<i>25.600</i>	<i>9</i>	<i>28.800</i>	
<i>Total, All Modifications</i>		<i>0.000</i>		<i>0.000</i>		<i>0.000</i>		<i>3.200</i>		<i>25.600</i>		<i>28.800</i>	
Support													
CHANGE ORDERS	0	0.000	0	0.000	0	0.000	0	0.101	0	4.000	0	4.101	

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 1	P-1 Line Item Nomenclature: 35 - Large Aircraft Infrared Countermeasures Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): LARGE AIRCRAFT INFRARED COUNTERMEASURES C-130J - 2

Models of Systems Affected: C130J	Type Modification: Capability Improvement	Related RDT&E PEs: 0401134F
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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)
Install Spares	0	0.000	0	0.000	0	0.000	0	0.000	0	4.000	0	4.000
ICS-Labor	0	0.000	0	0.000	0	0.000	0	0.002	0	0.500	0	0.502
Depot Stand-up	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
PMA - Contractor Services	0	0.000	0	0.000	0	0.000	0	0.240	0	0.000	0	0.240
PMA - Gov't Costs	0	0.000	0	0.000	0	0.000	0	0.742	0	0.000	0	0.742
<i>Total Support Cost</i>		<i>0.000</i>		<i>0.000</i>		<i>0.000</i>		<i>1.085</i>		<i>8.500</i>		<i>9.585</i>
<i>Procurement Cost (Procurement + Support)</i>		<i>0.000</i>		<i>0.000</i>		<i>0.000</i>		<i>4.285</i>		<i>34.100</i>		<i>38.385</i>
<i>Total Installation Cost</i>		<i>0.000</i>		<i>0.000</i>		<i>0.000</i>		<i>4.000</i>		<i>4.000</i>		<i>8.000</i>
Total Cost (Procurement + Support + Installation)		0.000		0.000		0.000		8.285		38.100		46.385

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
RDT&E PE #												
0401134F	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	20.842
Procurement												
LARGE AIRCRAFT INFRARED COUNTERMEASURES C-130J												
A Kits												
Recurring												
INSTALL KITS Group A (Active)	2	1.424	2	1.426	2	1.449	2	1.498	0	0.000	30	12.097
INSTALL KITS Group A (Guard)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	2	0.000
INSTALL KITS Group A (Reserve)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
<i>Subtotal Recurring</i>		<i>1.424</i>		<i>1.426</i>		<i>1.449</i>		<i>1.498</i>		<i>0.000</i>		<i>12.097</i>
B Kits												
Recurring												
EQUIPMENT Group B (Active)	2	5.085	2	5.162	2	5.204	2	5.349	0	0.000	30	43.300
EQUIPMENT Group B (Guard)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	2	0.000
EQUIPMENT Group B (Reserve)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
<i>Subtotal Recurring</i>		<i>5.085</i>		<i>5.162</i>		<i>5.204</i>		<i>5.349</i>		<i>0.000</i>		<i>43.300</i>

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 1	P-1 Line Item Nomenclature: 35 - Large Aircraft Infrared Countermeasures Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): LARGE AIRCRAFT INFRARED COUNTERMEASURES C-130J - 2

Models of Systems Affected: C130J	Type Modification: Capability Improvement	Related RDT&E PEs: 0401134F
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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												
EQUIP NONREC Group B (Guard)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
EQUIP NONREC Group B (Reserve)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		0.000
Secondary Distribution												
Air Force Active	2	7.938	2	7.682	2	7.825	2	7.950	-	-	-	-
Air National Guard	0	0.000	0	0.000	0	0.000	0	0.000	-	-	-	-
Air Force Reserve	0	0.000	0	0.000	0	0.000	0	0.000	-	-	-	-
<i>Total, LARGE AIRCRAFT INFRARED COUNTERMEASURES C-130J</i>	2	6.509	2	6.588	2	6.653	2	6.847	0	0.000	32	55.397
<i>Total, All Modifications</i>		6.509		6.588		6.653		6.847		0.000		55.397
Support												
CHANGE ORDERS	0	0.000	0	0.109	0	0.168	0	0.155	0	0.000	0	4.533
Install Spares	0	0.269	0	0.000	0	0.000	0	0.000	0	0.000	0	4.269
ICS-Labor	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.502
Depot Stand-up	0	0.200	0	0.000	0	0.000	0	0.000	0	0.000	0	0.200
PMA - Contractor Services	0	0.262	0	0.249	0	0.253	0	0.258	0	0.000	0	1.262
PMA - Gov't Costs	0	0.698	0	0.736	0	0.751	0	0.690	0	0.000	0	3.617
<i>Total Support Cost</i>		1.429		1.094		1.172		1.103		0.000		14.383
<i>Procurement Cost (Procurement + Support)</i>		7.938		7.682		7.825		7.950		0.000		69.780
<i>Total Installation Cost</i>		0.509		1.030		1.050		1.070		1.090		12.749
Total Cost (Procurement + Support + Installation)		8.447		8.712		8.875		9.020		1.090		82.529

Remarks:

Manufacturer Information: LARGE AIRCRAFT INFRARED COUNTERMEASURES C-130J	
Manufacturer Name: NORTHROP GRUMAN	Manufacturer Location: ROLLING MEADOWS
Administrative Leadtime (in Months): 3	Production Leadtime (in Months): 14

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

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 1		P-1 Line Item Nomenclature: 35 - Large Aircraft Infrared Countermeasures Mods
		Modification Nomenclature <i>(Modification Title, Modification Number):</i> LARGE AIRCRAFT INFRARED COUNTERMEASURES C-130J - 2

Models of Systems Affected: C130J	Type Modification: Capability Improvement	Related RDT&E PEs: 0401134F
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Manufacturer Information: LARGE AIRCRAFT INFRARED COUNTERMEASURES C-130J

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Delivery Dates	Feb 2013	May 2013	May 2014	May 2015	May 2016	May 2017	May 2018

Installation: LARGE AIRCRAFT INFRARED COUNTERMEASURES C-130J	Method of Implementation: Depot	Installation Name:
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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	3.000	-	-	6	3.000
Secondary Distribution - Air Force Active	-	-	-	-	-	-	6	3.000	-	-	6	3.000
FY 2012	-	-	-	-	-	-	2	1.000	-	-	2	1.000
Secondary Distribution - Air Force Active	-	-	-	-	-	-	2	1.000	-	-	2	1.000
FY 2013	-	-	-	-	-	-	-	-	0	4.000	0	4.000
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	0	4.000	0	4.000
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	0	0.000	0	0.000	0	0.000
Secondary Distribution - Air Force Active	-	-	-	-	-	-	0	0.000	0	0.000	0	0.000
Total	-	-	-	-	-	-	8	4.000	0	4.000	8	8.000
Secondary Distribution - Air Force Active	-	-	-	-	-	-	8	4.000	0	4.000	8	8.000

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	-	-	-	-	-	-	-	-	0	0.000	6	3.000

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 1		P-1 Line Item Nomenclature: 35 - Large Aircraft Infrared Countermeasures Mods
		Modification Nomenclature (Modification Title, Modification Number): LARGE AIRCRAFT INFRARED COUNTERMEASURES C-130J - 2

Models of Systems Affected: C130J	Type Modification: Capability Improvement	Related RDT&E PEs: 0401134F
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Installation: LARGE AIRCRAFT INFRARED COUNTERMEASURES C-130J	Method of Implementation: Depot	Installation Name:
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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)
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	0	0.000	2	1.000
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	1	0.509	-	-	-	-	-	-	0	0.000	1	4.509
Secondary Distribution - Air Force Active	1	0.509	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	2	1.030	-	-	-	-	0	0.000	2	1.030
Secondary Distribution - Air Force Active	-	-	2	1.030	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	2	1.050	-	-	0	0.000	2	1.050
Secondary Distribution - Air Force Active	-	-	-	-	2	1.050	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	2	1.070	0	0.000	2	1.070
Secondary Distribution - Air Force Active	-	-	-	-	-	-	2	1.070	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	2	1.090	2	1.090
To Complete	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
Secondary Distribution - Air Force Active	0	0.000	0	0.000	0	0.000	0	0.000	-	-	-	-
Total	1	0.509	2	1.030	2	1.050	2	1.070	2	1.090	17	12.749
Secondary Distribution - Air Force Active	1	0.509	2	1.030	2	1.050	2	1.070	-	-	-	-

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	0	0	0	0	0	0	0	0	0	2	2	3	3	3	2	1	3	3	2	1	1	0	0	1	1	0	0	1	1	2	32
Out	0	0	0	0	0	0	0	0	0	1	2	3	3	3	3	0	3	3	3	0	2	0	0	0	2	0	0	0	2	2	32

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 1	P-1 Line Item Nomenclature: 35 - Large Aircraft Infrared Countermeasures Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): LARGE AIRCRAFT INFRARED COUNTERMEASURES C-17 - 3

Models of Systems Affected: C-17	Type Modification: Capability Improvement	Related RDT&E PEs: 0401134F
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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)	-	-	-	17.368	-	17.368	13.911	16.288	16.223	16.540	281.750	362.080
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	-	-	17.368	-	17.368	13.911	16.288	16.223	16.540	281.750	362.080
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	-	-	-	17.368	-	17.368	13.911	16.288	16.223	16.540	281.750	362.080

(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 Millions)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The Large Aircraft Infrared Countermeasures (LAIRCM) system provides a significantly improved defensive capability for the C-17 to counter the proliferating infrared (IR) man-portable air defense systems (MANPADS) missile threats. This system is fully automatic following power-up and consists of group A aircraft modification kits and group B equipment. The LAIRCM system [AN/AQQ-24(V)] consists of 6 missile warning sensors (MWS), 1 (lite configuration) or 3 (full configuration) Guardian Laser Transmitter Assemblies (GLTA)/Small Laser Transmitter Assemblies (SLTA), a colorless eye-safe multibeam laser, control indicator unit (CIU), 2 repeaters and a system processor to detect, track and counter incoming IR missiles.

Enhancements and retrofits to the current configuration are planned for purchase and installation in FY08 and beyond. These enhancements include retrofits of the SLTA to a smaller, lighter GLTA. In addition, the current AAR-54 sensor will be replaced by a more effective infrared (IR) Next Generation Missile Warning Sensor (NexGen MWS). The processor and CIU are also slated to be replaced with updated versions that address diminishing manufacturing sources (DMS) and reliability efforts.

The C-17 LAIRCM modification is appropriated through FY12 in the C-17 P-1 line item. C-17 LAIRCM modification funding continues in FY13 until completion in the LAIRCM P-1 line item. This change consolidates all Air Force LAIRCM funding under a single P-1 line item and facilitates improved financial reporting and flexibility in meeting warfighter requirements.

The LAIRCM modification number through FY12 is 8629. Starting in FY13 the C-17 LAIRCM modification number is 8629C17.

The SLTA to GLTA retrofit and NexGen MWS retrofit (not the initial LAIRCM NexGen MWS installs) are broken out in separate P3As starting in FY13. SLTA to GLTA retrofit funding is documented for FY12 and prior in P3A #8629. SLTA to GLTA retrofit funding is documented for FY13 and out in P3A #8629C17A. NexGen MWS retrofit funding is documented for FY12 and prior in P3A #8629. NexGen MWS retrofit funding is documented for FY13 and out in P3A #8629C17B. The narrative in this P3A (#8629C17) includes verbiage for these two retrofits but the funding table does not include hardware (Group A & B) and installation funding.

The "Change Orders" line in the funding table include DMS costs for the identification, review, and monitoring of items with high DMS risk potential, classification of identified items according to criticality, identification of alternatives for items having high DMS risks, and non-recurring engineering (NRE)/replacement cost for DMS components. Additionally, "change orders" include NRE/replacement costs for equipment updates to increase reliability, availability, and maintainability of LAIRCM group B components as identified during the fiscal year.

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 1	P-1 Line Item Nomenclature: 35 - Large Aircraft Infrared Countermeasures Mods	Modification Nomenclature <i>(Modification Title, Modification Number):</i> LARGE AIRCRAFT INFRARED COUNTERMEASURES C-17 - 3
Models of Systems Affected: C-17	Type Modification: Capability Improvement	Related RDT&E PEs: 0401134F
<p>In calendar year 2011, ten aircraft were reassigned from the US Air Force to the Air Force Reserve and Air National Guard. Seven aircraft were assigned to the Air Force Reserve at Wright-Patterson AFB OH; six of the seven had previously been modified with LAIRCM. Three aircraft were assigned to the Air National Guard at Stewart NGB NY; those three had previously been modified with LAIRCM; therefore prior year kit buys and installs for Active, Guard and Reserve have been adjusted.</p> <p>Adjusted installation schedule is a result of the C-17 program office standing up a fourth modification line.</p> <p>NOTES: C-17 P-1 Line: FY07 procured 11 group A kits, 11 GLTA-Lite group B kits, 13 SLTA to GLTA retrofit group A & B kits, 1 NexGen retrofit group A kit and 2 NexGen retrofit group B kits and 1 install. FY07 Congressional Add procured 10 GLTA-Lite group A & B kits and installs with Aircraft Production funds not documented on this P3A. FY07 GWOT procured 27 GLTA-Lite group A & B kits and installs. FY08 procured 2 group A kits and 11 installs; 7 SLTA to GLTA retrofit group A & B kits and sustaining engineering for 13 installs. FY08 GWOT procured 8 group A kits and installs. FY09 procured 2 A & B kits and installs; 15 SLTA to GLTA retrofit group A & B kits and sustaining engineering for 22 installs; and 1 NexGen retrofit group B kit. FY09 supplemental "Bridge" procured 4 A & B kits and installs (Full configuration). FY10 procures 4 group A Kits & 14 group B kits and 6 installs; 27 SLTA to GLTA retrofit group A & B kits and sustaining engineering for installs; and 1 NexGen retrofit group A kits and 10 NexGen retrofit group B kits and 1 install. FY10 Congressional Add procured 32 group A kits & installs & 17 group B kits with Aircraft Production funds not documented on this P3A. FY10 OCO procured 14 NexGen group B kits. FY10 OCO procures 7 NexGen group B Kits; 4 SLTA to GLTA-Full retrofit group A & B kits and installs; and additional spares. FY11 procures 20 NexGen retrofit g...</p>		

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Exhibit P-3A, Individual Modification: PB 2013 Air Force								Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 1				P-1 Line Item Nomenclature: 35 - Large Aircraft Infrared Countermeasures Mods				Modification Nomenclature (<i>Modification Title, Modification Number</i>): LARGE AIRCRAFT INFRARED COUNTERMEASURES C-17 - 3					
Models of Systems Affected: C-17				Type Modification: Capability Improvement				Related RDT&E PEs: 0401134F					
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
LARGE AIRCRAFT INFRARED COUNTERMEASURES C-17													
A Kits													
Recurring													
INSTALL KITS Group A (Active)	0	0.000	0	0.000	0	0.000	1	0.895	0	0.000	1	0.895	
INSTALL KITS Group A (Guard)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	
INSTALL KITS Group A (Reserve)	0	0.000	0	0.000	0	0.000	1	0.895	0	0.000	1	0.895	
<i>Subtotal Recurring</i>		0.000		0.000		0.000		1.790		0.000		1.790	
NonRecurring													
KITS NONRECUR Group A (Active)	0	0.000	0	0.000	0	0.000	0	0.275	0	0.000	0	0.275	
KITS NONRECUR Group A (Reserve)	0	0.000	0	0.000	0	0.000	0	0.275	0	0.000	0	0.275	
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.550		0.000		0.550	
B Kits													
Recurring													
EQUIPMENT Group B (Active)	0	0.000	0	0.000	0	0.000	1	3.314	0	0.000	1	3.314	
EQUIPMENT Group B (Guard)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	
EQUIPMENT Group B (Reserve)	0	0.000	0	0.000	0	0.000	1	3.314	0	0.000	1	3.314	
<i>Subtotal Recurring</i>		0.000		0.000		0.000		6.628		0.000		6.628	
NonRecurring													
EQUIP NONREC Group B (Active)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	
EQUIP NONREC Group B (Guard)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		0.000	
Secondary Distribution													
Air Force Active	0	0.000	0	0.000	0	0.000	1	12.884	0	0.000	1	12.884	
Air National Guard	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	
Air Force Reserve	0	0.000	0	0.000	0	0.000	1	4.484	0	0.000	1	4.484	
<i>Total, LARGE AIRCRAFT INFRARED COUNTERMEASURES C-17</i>	0	0.000	0	0.000	0	0.000	2	8.968	0	0.000	2	8.968	
<i>Total, All Modifications</i>		0.000		0.000		0.000		8.968		0.000		8.968	

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 1	P-1 Line Item Nomenclature: 35 - Large Aircraft Infrared Countermeasures Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): LARGE AIRCRAFT INFRARED COUNTERMEASURES C-17 - 3

Models of Systems Affected: C-17	Type Modification: Capability Improvement	Related RDT&E PEs: 0401134F
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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)
Support												
CHANGE ORDERS	0	0.000	0	0.000	0	0.000	0	3.130	0	0.000	0	3.130
SIM/TRAINER	0	0.000	0	0.000	0	0.000	0	0.061	0	0.000	0	0.061
SUPPORT- EQUIP	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
Install Spares	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
ICS-Labor	0	0.000	0	0.000	0	0.000	0	3.740	0	0.000	0	3.740
PMA - Contractor Services	0	0.000	0	0.000	0	0.000	0	1.469	0	0.000	0	1.469
Depot Stand-up	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
<i>Total Support Cost</i>		<i>0.000</i>		<i>0.000</i>		<i>0.000</i>		<i>8.400</i>		<i>0.000</i>		<i>8.400</i>
<i>Procurement Cost (Procurement + Support)</i>		<i>0.000</i>		<i>0.000</i>		<i>0.000</i>		<i>17.368</i>		<i>0.000</i>		<i>17.368</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>0.000</i>
Total Cost (Procurement + Support + Installation)		0.000		0.000		0.000		17.368		0.000		17.368

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
LARGE AIRCRAFT INFRARED COUNTERMEASURES C-17												
A Kits												
Recurring												
INSTALL KITS Group A (Active)	1	0.912	1	0.912	1	0.912	2	1.823	5	4.561	11	10.015
INSTALL KITS Group A (Guard)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
INSTALL KITS Group A (Reserve)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	1	0.895
<i>Subtotal Recurring</i>		<i>0.912</i>		<i>0.912</i>		<i>0.912</i>		<i>1.823</i>		<i>4.561</i>		<i>10.910</i>
NonRecurring												
KITS NONRECUR Group A (Active)	0	0.500	0	0.600	0	0.600	0	0.700	0	2.800	0	5.475
KITS NONRECUR Group A (Reserve)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.275
<i>Subtotal NonRecurring</i>		<i>0.500</i>		<i>0.600</i>		<i>0.600</i>		<i>0.700</i>		<i>2.800</i>		<i>5.750</i>
B Kits												

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Exhibit P-3A, Individual Modification: PB 2013 Air Force								Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 1				P-1 Line Item Nomenclature: 35 - Large Aircraft Infrared Countermeasures Mods				Modification Nomenclature (Modification Title, Modification Number): LARGE AIRCRAFT INFRARED COUNTERMEASURES C-17 - 3					
Models of Systems Affected: C-17				Type Modification: Capability Improvement				Related RDT&E PEs: 0401134F					
Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total		
	Qty (Each)	Total Cost (\$ M)	Qty (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													
EQUIPMENT Group B (Active)	1	3.314	1	3.314	1	3.314	2	6.628	5	164.759	11	184.643	
EQUIPMENT Group B (Guard)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	
EQUIPMENT Group B (Reserve)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	1	3.314	
<i>Subtotal Recurring</i>		3.314		3.314		3.314		6.628		164.759		187.957	
NonRecurring													
EQUIP NONREC Group B (Active)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	
EQUIP NONREC Group B (Guard)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		0.000	
Secondary Distribution													
Air Force Active	1	12.085	1	15.375	1	15.310	2	15.627	-	-	-	-	
Air National Guard	0	0.000	0	0.000	0	0.000	0	0.000	-	-	-	-	
Air Force Reserve	0	0.000	0	0.000	0	0.000	0	0.000	-	-	-	-	
<i>Total, LARGE AIRCRAFT INFRARED COUNTERMEASURES C-17</i>	1	4.726	1	4.826	1	4.826	2	9.151	5	172.120	12	204.617	
<i>Total, All Modifications</i>		4.726		4.826		4.826		9.151		172.120		204.617	
Support													
CHANGE ORDERS	0	0.120	0	0.103	0	0.552	0	1.010	0	8.110	0	13.025	
SIM/TRAINER	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.061	
SUPPORT- EQUIP	0	0.000	0	0.129	0	0.130	0	0.284	0	1.501	0	2.044	
Install Spares	0	0.000	0	0.000	0	0.000	0	2.334	0	72.814	0	75.148	
ICS-Labor	0	5.745	0	7.297	0	6.215	0	1.276	0	15.937	0	40.210	
PMA - Contractor Services	0	1.494	0	1.520	0	1.546	0	1.572	0	4.877	0	12.478	
Depot Stand-up	0	0.000	0	1.500	0	2.041	0	0.000	0	0.000	0	3.541	
<i>Total Support Cost</i>		7.359		10.549		10.484		6.476		103.239		146.507	
<i>Procurement Cost (Procurement + Support)</i>		12.085		15.375		15.310		15.627		275.359		351.124	
<i>Total Installation Cost</i>		1.826		0.913		0.913		0.913		6.391		10.956	
Total Cost (Procurement + Support + Installation)		13.911		16.288		16.223		16.540		281.750		362.080	

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 1	P-1 Line Item Nomenclature: 35 - Large Aircraft Infrared Countermeasures Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): LARGE AIRCRAFT INFRARED COUNTERMEASURES C-17 - 3

Models of Systems Affected: C-17	Type Modification: Capability Improvement	Related RDT&E PEs: 0401134F
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Remarks:

Manufacturer Information: LARGE AIRCRAFT INFRARED COUNTERMEASURES C-17

Manufacturer Name: Unknown	Manufacturer Location: Unknown
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Administrative Leadtime (<i>in Months</i>): 3	Production Leadtime (<i>in Months</i>): 14
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Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates			Mar 2013	Mar 2014	Mar 2015	Mar 2016	Mar 2017
Delivery Dates			Apr 2014	Apr 2015	Apr 2016	Apr 2017	Apr 2018

Installation: LARGE AIRCRAFT INFRARED COUNTERMEASURES C-17	Method of Implementation: Combination	Installation Name:
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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	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Reserve	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Reserve	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Reserve	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 1		P-1 Line Item Nomenclature: 35 - Large Aircraft Infrared Countermeasures Mods
		Modification Nomenclature (<i>Modification Title, Modification Number</i>): LARGE AIRCRAFT INFRARED COUNTERMEASURES C-17 - 3

Models of Systems Affected: C-17	Type Modification: Capability Improvement	Related RDT&E PEs: 0401134F
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Installation: LARGE AIRCRAFT INFRARED COUNTERMEASURES C-17	Method of Implementation: Combination	Installation Name:
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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	1	1.826	-	-	-	-	-	-	0	0.000	1	1.826
Secondary Distribution - Air Force Active	1	0.913	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Reserve	0	0.913	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	1	0.913	-	-	-	-	0	0.000	1	0.913
Secondary Distribution - Air Force Active	-	-	1	0.913	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	1	0.913	-	-	0	0.000	1	0.913
Secondary Distribution - Air Force Active	-	-	-	-	1	0.913	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	1	0.913	0	0.000	1	0.913
Secondary Distribution - Air Force Active	-	-	-	-	-	-	1	0.913	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	2	1.826	2	1.826
To Complete	0	0.000	0	0.000	0	0.000	0	0.000	5	4.565	5	4.565
Secondary Distribution - Air Force Active	0	0.000	0	0.000	0	0.000	0	0.000	-	-	-	-
Secondary Distribution - Air Force Reserve	0	0.000	-	-	-	-	-	-	-	-	-	-
Total	1	1.826	1	0.913	1	0.913	1	0.913	7	6.391	11	10.956
Secondary Distribution - Air Force Active	1	0.913	1	0.913	1	0.913	1	0.913	-	-	-	-
Secondary Distribution - Air Force Reserve	0	0.913	-	-	-	-	-	-	-	-	-	-

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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	0	0	0	1	0	0	0	1	0	7	12
Out	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0	0	0	1	0	0	0	1	0	7	12

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 1	P-1 Line Item Nomenclature: 35 - Large Aircraft Infrared Countermeasures Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): LARGE AIRCRAFT INFRARED COUNTERMEASURES C-5 - 4

Models of Systems Affected: C-5B/C/M	Type Modification: Capability Improvement	Related RDT&E PEs: 0401134F
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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	3.147	27.300	30.447	5.239	5.379	5.481	5.570	-	52.116
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	0.000	0.000	3.147	27.300	30.447	5.239	5.379	5.481	5.570	-	52.116
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	-	0.000	0.000	3.147	27.300	30.447	5.239	5.379	5.481	5.570	-	52.116

(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 Millions)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The Large Aircraft InfraRed CounterMeasure (LAIRCM) system provides a significantly improved defensive capability for the C-5 to counter the proliferating infrared (IR) man-portable air defense system (MANPAD) missile threats. The system is fully automatic following power-up and consists of group A aircraft modification kits and group B equipment. The LAIRCM system [AN/AAQ-24(V)] consists of 5 missile warning sensors (MWS), 2 (lite configuration) or 3 (full configuration) Guardian Laser Transmitter Assembly (GLTA) colorless eye-safe multiband lasers, control indicator unit (CIU), 2 repeaters, and a system processor to detect, track, and counter incoming IR missiles.

The "Change Orders" line in the funding table include diminishing manufacturing source (DMS) costs for the identification, review, and monitoring of items with high DMS risk potential, classification of identified items according to criticality, expected replacement cost, identification of alternates for items having high DMS risks, and non-recurring engineering (NRE)/replacement costs for DMS components. Additionally, "change orders" include NRE/replacement costs for equipment updates designed to increase reliability, availability, maintainability of LAIRCM group B components as identified during the fiscal year.

Notes:

C-5 LAIRCM production modification is funded via the C-5 P-1 line item through FY12. The LAIRCM production modification number through FY12 is 8629. The C-5 LAIRCM production modification funding continues in FY13 until completion via the LAIRCM P-1 line item. The LAIRCM production modification number for C-5 starting with FY13 is 8629C5. This change consolidates all Air Force LAIRCM production funding under a single P-1 line item and facilitates improved financial reporting and flexibility in meeting warfighter requirements.

C-5 P-1 Line:

- FY07 procured 5 A & B GLTA kits and 1 install
- FY07 GWOT procured 3 A & B GLTA kits and installs
- FY08 funded installation of 4 FY07 kits and support requirements.
- FY09 procured 5 A & B GLTA kits.
- FY09 OCO procured 10 A & B GLTA kits and 8 installs
- FY10 funded installation of 5 FY09 kits and support requirements
- FY10 OCO procured 7 A & B GLTA kits and 9 installs (2 FY09 OCO kits & 7 FY10 OCO kits)
- FY11 OCO procures 9 A & B GLTA kits and installs.
- FY12 OCO procures 9 A & B GLTA kits and installs.

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 1	P-1 Line Item Nomenclature: 35 - Large Aircraft Infrared Countermeasures Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): LARGE AIRCRAFT INFRARED COUNTERMEASURES C-5 - 4
Models of Systems Affected: C-5B/C/M	Type Modification: Capability Improvement	Related RDT&E PEs: 0401134F
<p>LAIRCM P-1 Line: FY13 OCO procures 2 A & B GLTA kits and installs. FY14 procures 1 A & B GLTA kit FY15 funds installation of 1 FY14 A & B GLTA kit and support requirements FY16 procures 1 A & B GLTA kit FY17 funds installation of 1 FY16A & B GLTA kit and support requirements</p> <p>Long range plan is to modify all C-5 aircraft retained in the Air Force inventory. 42 C-5s are funded through FY17 (including 1 RDT&E) and are planned for modification under the current budget profile. An additional 11 production aircraft are in FY12 and FY13 overseas contingency operations requests, resulting in a total of 52 aircraft (1 RDT&E, 51 Production and OCO funded). Initially, LAIRCM modified C-5s (along with the RDT&E aircraft) will be fielded with two aft, side mounted GLTAs to accelerate fielding of this defensive system. This is known as the "lite" configuration; final configuration will be 3 total GLTAs per aircraft.</p> <p>This program has associated Research Development Test and Evaluation (RDT&E) funding in PE 0401134F.</p> <p>NOTE: FY 2011 funding totals include \$73.4M for appropriated supplemental Overseas Contingency Operations funding. FY 2012 funding totals include \$59.3M for appropriated supplemental Overseas Contingency Operations funding. FY 2013 funding totals include \$27.3M for appropriated supplemental Overseas Contingency Operations funding.</p> <p>INSTALLATION OF HARDWARE and the "Installation Schedule" section are aligned with Group A installs.</p> <p>C-5 Group B Kit Procurement & Install</p> <p>Kit Procurement</p> <p>Prior 2011 2012 2013 2014 2015 2016 Active 30 3 0 0 0 0 AFR 0 6 9 2 1 0 1</p> <p>Install Schedule</p> <p>Prior 2011 2012 2013 2014 2015 2016 2017 Active 12 9 9 3 0 0 0 AFR 0 0 0 6 8 4 0 1</p> <p>NOTE: Aircraft Breakdown below includes 1 aircraft [ACTIVE] procured with RDT&E</p>		

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 1	P-1 Line Item Nomenclature: 35 - Large Aircraft Infrared Countermeasures Mods	Modification Nomenclature <i>(Modification Title, Modification Number):</i> LARGE AIRCRAFT INFRARED COUNTERMEASURES C-5 - 4
Models of Systems Affected: C-5B/C/M	Type Modification: Capability Improvement	Related RDT&E PEs: 0401134F

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Exhibit P-3A, Individual Modification: PB 2013 Air Force								Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 1				P-1 Line Item Nomenclature: 35 - Large Aircraft Infrared Countermeasures Mods				Modification Nomenclature <i>(Modification Title, Modification Number):</i> LARGE AIRCRAFT INFRARED COUNTERMEASURES C-5 - 4					
Models of Systems Affected: C-5B/C/M			Type Modification: Capability Improvement					Related RDT&E PEs: 0401134F					
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
LARGE AIRCRAFT INFRARED COUNTERMEASURES C-5													
A Kits													
Recurring													
INSTALL KITS Group A (Active)	0	0.000	3	0.000	0	0.000	0	0.000	0	0.000	0	0.000	
INSTALL KITS Group A (Reserve)	0	0.000	6	0.000	9	0.000	0	0.000	2	3.170	2	3.170	
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		3.170		3.170	
B Kits													
Recurring													
EQUIPMENT Group B (Reserve)	0	0.000	0	0.000	0	0.000	0	0.000	2	7.738	2	7.738	
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		7.738		7.738	
NonRecurring													
EQUIP NONREC Group B (Reserve)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		0.000	
Secondary Distribution													
Air Force Active	0	0.000	3	0.000	0	0.000	0	3.147	0	13.792	0	16.939	
Air Force Reserve	0	0.000	6	0.000	9	0.000	0	0.000	2	10.908	2	10.908	
<i>Total, LARGE AIRCRAFT INFRARED COUNTERMEASURES C-5</i>	0	0.000	9	0.000	9	0.000	0	0.000	2	10.908	2	10.908	
<i>Total, All Modifications</i>		0.000		0.000		0.000		0.000		10.908		10.908	
Support													
CHANGE ORDERS	0	0.000	0	0.000	0	0.000	0	0.466	0	0.830	0	1.296	
SUPPORT- EQUIP	0	0.000	0	0.000	0	0.000	0	0.636	0	0.000	0	0.636	
Install Spares	0	0.000	0	0.000	0	0.000	0	0.000	0	3.642	0	3.642	
Depot Stand-up	0	0.000	0	0.000	0	0.000	0	0.000	0	4.555	0	4.555	
ICS-Labor	0	0.000	0	0.000	0	0.000	0	1.624	0	1.500	0	3.124	
PMA - Contractor Services	0	0.000	0	0.000	0	0.000	0	0.108	0	0.000	0	0.108	
PMA - Gov't Costs	0	0.000	0	0.000	0	0.000	0	0.313	0	0.000	0	0.313	
OTHER GOVT	0	0.000	0	0.000	0	0.000	0	0.000	0	3.265	0	3.265	

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Exhibit P-3A, Individual Modification: PB 2013 Air Force										Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 1					P-1 Line Item Nomenclature: 35 - Large Aircraft Infrared Countermeasures Mods					Modification Nomenclature (<i>Modification Title, Modification Number</i>): LARGE AIRCRAFT INFRARED COUNTERMEASURES C-5 - 4			
Models of Systems Affected: C-5B/C/M				Type Modification: Capability Improvement				Related RDT&E PEs: 0401134F					
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (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		0.000		0.000		0.000		3.147		13.792		16.939	
Procurement Cost (Procurement + Support)		0.000		0.000		0.000		3.147		24.700		27.847	
Total Installation Cost		0.000		0.000		0.000		0.000		2.600		2.600	
Total Cost (Procurement + Support + Installation)		0.000		0.000		0.000		3.147		27.300		30.447	
Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
LARGE AIRCRAFT INFRARED COUNTERMEASURES C-5													
A Kits													
Recurring													
INSTALL KITS Group A (Active)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	3	0.000	
INSTALL KITS Group A (Reserve)	1	0.950	0	0.000	1	1.057	0	0.000	0	0.000	19	5.177	
Subtotal Recurring		0.950		0.000		1.057		0.000		0.000		5.177	
B Kits													
Recurring													
EQUIPMENT Group B (Reserve)	1	3.093	0	0.000	1	3.114	0	0.000	0	0.000	4	13.945	
Subtotal Recurring		3.093		0.000		3.114		0.000		0.000		13.945	
NonRecurring													
EQUIP NONREC Group B (Reserve)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	
Subtotal NonRecurring		0.000		0.000		0.000		0.000		0.000		0.000	
Secondary Distribution													
Air Force Active	0	1.196	0	3.879	0	1.310	0	3.770	-	-	-	-	
Air Force Reserve	1	4.043	0	0.000	1	4.171	0	0.000	-	-	-	-	
Total, LARGE AIRCRAFT INFRARED COUNTERMEASURES C-5	1	4.043	0	0.000	1	4.171	0	0.000	0	0.000	22	19.122	
Total, All Modifications		4.043		0.000		4.171		0.000		0.000		19.122	
Support													
CHANGE ORDERS	0	0.078	0	0.097	0	0.075	0	0.076	0	0.000	0	1.622	

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 1	P-1 Line Item Nomenclature: 35 - Large Aircraft Infrared Countermeasures Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): LARGE AIRCRAFT INFRARED COUNTERMEASURES C-5 - 4

Models of Systems Affected: C-5B/C/M	Type Modification: Capability Improvement	Related RDT&E PEs: 0401134F
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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- EQUIP	0	0.000	0	0.653	0	0.000	0	0.000	0	0.000	0	1.289
Install Spares	0	0.000	0	0.900	0	0.000	0	0.900	0	0.000	0	5.442
Depot Stand-up	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	4.555
ICS-Labor	0	0.696	0	1.469	0	0.810	0	1.668	0	0.000	0	7.767
PMA - Contractor Services	0	0.110	0	0.112	0	0.114	0	0.116	0	0.000	0	0.560
PMA - Gov't Costs	0	0.312	0	0.311	0	0.311	0	0.310	0	0.000	0	1.557
OTHER GOVT	0	0.000	0	0.337	0	0.000	0	0.700	0	0.000	0	4.302
<i>Total Support Cost</i>		1.196		3.879		1.310		3.770		0.000		27.094
<i>Procurement Cost (Procurement + Support)</i>		5.239		3.879		5.481		3.770		0.000		46.216
<i>Total Installation Cost</i>		0.000		1.500		0.000		1.800		0.000		5.900
Total Cost (Procurement + Support + Installation)		5.239		5.379		5.481		5.570		0.000		52.116

Remarks:

Manufacturer Information: LARGE AIRCRAFT INFRARED COUNTERMEASURES C-5	
Manufacturer Name: Northrop Grumman	Manufacturer Location: Rolling Meadows, IL
Administrative Leadtime (in Months): 3	Production Leadtime (in Months): 14

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates			Jan 2013	Jan 2014	Jan 2015	Jan 2016	Jan 2017
Delivery Dates			Mar 2014	Mar 2015	Mar 2016	Mar 2017	Mar 2018

Installation: LARGE AIRCRAFT INFRARED COUNTERMEASURES C-5	Method of Implementation: Contractor Facility	Installation Name:
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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	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 1	P-1 Line Item Nomenclature: 35 - Large Aircraft Infrared Countermeasures Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): LARGE AIRCRAFT INFRARED COUNTERMEASURES C-5 - 4

Models of Systems Affected: C-5B/C/M	Type Modification: Capability Improvement	Related RDT&E PEs: 0401134F
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Installation: LARGE AIRCRAFT INFRARED COUNTERMEASURES C-5	Method of Implementation: Contractor Facility	Installation Name:
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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	-	-	-	-	-	-	-	-	0	2.600	0	2.600
Secondary Distribution - Air Force Reserve	-	-	-	-	-	-	-	-	0	2.600	0	2.600
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Reserve	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Reserve	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	0	0.000	0	0.000
Secondary Distribution - Air Force Reserve	-	-	-	-	-	-	-	-	0	0.000	0	0.000
Total	-	-	-	-	-	-	-	-	0	2.600	0	2.600
Secondary Distribution - Air Force Reserve	-	-	-	-	-	-	-	-	0	2.600	0	2.600

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	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	0	0.000	0	2.600
Secondary Distribution - Air Force Reserve	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	1	1.500	-	-	-	-	0	0.000	1	1.500
Secondary Distribution - Air Force Reserve	-	-	1	1.500	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	1	1.800	0	0.000	1	1.800
Secondary Distribution - Air Force Reserve	-	-	-	-	-	-	1	1.800	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	0	0.000	-	-	0	0.000	0	0.000	0	0.000

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 1	P-1 Line Item Nomenclature: 35 - Large Aircraft Infrared Countermeasures Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): LARGE AIRCRAFT INFRARED COUNTERMEASURES C-5 - 4

Models of Systems Affected: C-5B/C/M	Type Modification: Capability Improvement	Related RDT&E PEs: 0401134F
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Installation: LARGE AIRCRAFT INFRARED COUNTERMEASURES C-5	Method of Implementation: Contractor Facility	Installation Name:
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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>
Secondary Distribution - Air Force Reserve	-	-	0	0.000	-	-	0	0.000	-	-	-	-
Total	-	-	1	1.500	-	-	1	1.800	0	0.000	2	5.900
Secondary Distribution - Air Force Reserve	-	-	1	1.500	-	-	1	1.800	-	-	-	-

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	0	0	0	0	0	0	0	2	2	2	3	2	2	2	2	1	1	1	1	0	0	0	0	1	0	0	0	0	22
Out	0	0	0	0	0	0	0	0	0	0	2	2	2	3	2	2	2	2	1	1	1	1	0	0	0	0	1	0	0	0	22

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 1	P-1 Line Item Nomenclature: 35 - Large Aircraft Infrared Countermeasures Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): LARGE AIRCRAFT INFRARED COUNTERMEASURES HC/MC-130 Recap - 5

Models of Systems Affected: MC-130J, HC-130J	Type Modification: Capability Improvement	Related RDT&E PEs: 0401134F
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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)	-	-	-	-	46.100	46.100	-	-	-	-	-	46.100
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	-	-	-	46.100	46.100	-	-	-	-	-	46.100
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	-	-	-	-	46.100	46.100	-	-	-	-	-	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 Millions)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The Large Aircraft Infrared Countermeasures (LAIRCM) system provides a significantly improved defensive capability for the HC/MC-130J to counter the proliferating infrared (IR) man-portable air defense systems (MANPADS) missile threats. This system is fully automatic following power-up and consists of group A aircraft modification kits and group B equipment. The LAIRCM system [AN/AAQ-24(V)] consists of 5 ultra-violet (UV) missile warning sensors (MWS), 2 Guardian Laser Transmitter Assemblies (GLTA) colorless, eye-safe multiband lasers, control indicator unit (CIU), and a system processor to detect, track, and counter incoming IR missiles.

NOTES:

The HC/MC-130J LAIRCM production modification is funded via the HC/MC-130J P-1 line item through FY12. The HC/MC-130J LAIRCM production modification funding continues in FY13 until completion via the LAIRCM P-1 line item. The LAIRCM production modification number for HC/MC-130J starting with FY13 is 8629HCMC130. This change consolidates all Air Force LAIRCM production funding under a single P-1 line item and facilitates improved financial reporting and flexibility in meeting warfighter requirements.

FY08 procures 1 group A kit with Aircraft Production funds not documented on this P3A
 FY09 OCO procures 4 group A kits with Aircraft Production funds not documented on this P3A
 FY10 procures 3 group A kits with Aircraft Production funds not documented on this P3A
 FY11 procures 9 group A kits with Aircraft Production funds not documented on this P3A
 FY12 procures 9 group A and B kits with Aircraft Production funds not documented on this P3A
 FY13 procures 7 group A and B kits with Aircraft Production funds not documented on this P3A
 FY14 procures 7 group A and B kits with Aircraft Production funds not documented on this P3A
 FY15 procures 6 group A and B kits with Aircraft Production funds not documented on this P3A
 FY16 procures 7 group A and B kits with Aircraft Production funds not documented on this P3A
 FY17 procures 4 group A and B kits with Aircraft Production funds not documented on this P3A

HC/MC-130 P-1 Line:

FY12 OCO of \$34M procures 10 group A & B kits and installs for AFSOC MC-130Js.

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 1	P-1 Line Item Nomenclature: 35 - Large Aircraft Infrared Countermeasures Mods	Modification Nomenclature <i>(Modification Title, Modification Number):</i> LARGE AIRCRAFT INFRARED COUNTERMEASURES HC/MC-130 Recap - 5
Models of Systems Affected: MC-130J, HC-130J	Type Modification: Capability Improvement	Related RDT&E PEs: 0401134F
<p>LAIRCM P-1 Line: FY13 OCO of \$46.1M procures 12 group A & B kits and installs for ACC HC-130Js.</p> <p>Aircraft production funds procure 57 group A kits and 40 group B kits. These kits are not documented in the projected financial plan table on this P3A. Total procurement to include Aircraft Production and Aircraft Modification funding is 79 group A and 62 group B.</p> <p>This program has associated Research, Development, Test & Evaluation (RDT&E) funding in PE 0401134F.</p> <p>This aircraft breakdown includes 10 AFSOC MC-130Js and 12 ACC HC-130Js.</p>		

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Exhibit P-3A, Individual Modification: PB 2013 Air Force										Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 1				P-1 Line Item Nomenclature: 35 - Large Aircraft Infrared Countermeasures Mods						Modification Nomenclature (<i>Modification Title, Modification Number</i>): LARGE AIRCRAFT INFRARED COUNTERMEASURES HC/MC-130 Recap - 5			
Models of Systems Affected: MC-130J, HC-130J				Type Modification: Capability Improvement				Related RDT&E PEs: 0401134F					
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													
LARGE AIRCRAFT INFRARED COUNTERMEASURES HC/MC-130 Recap													
A Kits													
Recurring													
INSTALL KITS Group A (Active)													
		0	0.000	0	0.000	10	0.000	0	0.000	12	5.496	12	5.496
<i>Subtotal Recurring</i>			0.000		0.000		0.000		0.000		5.496		5.496
B Kits													
Recurring													
EQUIPMENT Group B (Active)													
		0	0.000	0	0.000	0	0.000	0	0.000	12	31.728	12	31.728
<i>Subtotal Recurring</i>			0.000		0.000		0.000		0.000		31.728		31.728
Secondary Distribution													
Air Force Active													
		0	0.000	0	0.000	0	0.000	0	0.000	12	42.860	12	42.860
<i>Total, LARGE AIRCRAFT INFRARED COUNTERMEASURES HC/MC-130 Recap</i>			0.000		0.000		0.000		0.000		37.224		37.224
<i>Total, All Modifications</i>			0.000		0.000		0.000		0.000		37.224		37.224
Support													
CHANGE ORDERS													
		0	0.000	0	0.000	0	0.000	0	0.000	0	1.650	0	1.650
ICS-Labor													
		0	0.000	0	0.000	0	0.000	0	0.000	0	3.986	0	3.986
<i>Total Support Cost</i>			0.000		0.000		0.000		0.000		5.636		5.636
<i>Procurement Cost (Procurement + Support)</i>			0.000		0.000		0.000		0.000		42.860		42.860
<i>Total Installation Cost</i>			0.000		0.000		0.000		0.000		3.240		3.240
Total Cost (Procurement + Support + Installation)			0.000		0.000		0.000		0.000		46.100		46.100
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 Air Force									Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 1			P-1 Line Item Nomenclature: 35 - Large Aircraft Infrared Countermeasures Mods						Modification Nomenclature (<i>Modification Title, Modification Number</i>): LARGE AIRCRAFT INFRARED COUNTERMEASURES HC/MC-130 Recap - 5			
Models of Systems Affected: MC-130J, HC-130J			Type Modification: Capability Improvement				Related RDT&E PEs: 0401134F					
Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
LARGE AIRCRAFT INFRARED COUNTERMEASURES HC/MC-130 Recap												
A Kits												
Recurring												
INSTALL KITS Group A (Active)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	22	5.496
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		5.496
B Kits												
Recurring												
EQUIPMENT Group B (Active)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	12	31.728
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		31.728
Secondary Distribution												
Air Force Active	0	0.000	0	0.000	0	0.000	0	0.000	-	-	-	-
<i>Total, LARGE AIRCRAFT INFRARED COUNTERMEASURES HC/ MC-130 Recap</i>	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	12	37.224
<i>Total, All Modifications</i>		0.000		0.000		0.000		0.000		0.000		37.224
Support												
CHANGE ORDERS	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	1.650
ICS-Labor	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	3.986
<i>Total Support Cost</i>		0.000		0.000		0.000		0.000		0.000		5.636
<i>Procurement Cost (Procurement + Support)</i>		0.000		0.000		0.000		0.000		0.000		42.860
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		3.240
Total Cost (Procurement + Support + Installation)		0.000		0.000		0.000		0.000		0.000		46.100
Remarks:												
Manufacturer Information: LARGE AIRCRAFT INFRARED COUNTERMEASURES HC/MC-130 Recap												
Manufacturer Name: Northrop Grumman						Manufacturer Location: Rolling Meadows, IL						
Administrative Leadtime (<i>in Months</i>): 3						Production Leadtime (<i>in Months</i>): 14						

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 1	P-1 Line Item Nomenclature: 35 - Large Aircraft Infrared Countermeasures Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): LARGE AIRCRAFT INFRARED COUNTERMEASURES HC/MC-130 Recap - 5

Models of Systems Affected: MC-130J, HC-130J	Type Modification: Capability Improvement	Related RDT&E PEs: 0401134F
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Manufacturer Information: LARGE AIRCRAFT INFRARED COUNTERMEASURES HC/MC-130 Recap

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

Installation: LARGE AIRCRAFT INFRARED COUNTERMEASURES HC/MC-130 Recap
Method of Implementation: Contractor Facility
Installation Name:

Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ 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	3.240	0	3.240
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	0	3.240	0	3.240
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	0	0.000	0	0.000
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	0	0.000	0	0.000
Total	-	-	-	-	-	-	-	-	0	3.240	0	3.240
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	0	3.240	0	3.240

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	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	0	0.000	0	3.240

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 1	P-1 Line Item Nomenclature: 35 - Large Aircraft Infrared Countermeasures Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): LARGE AIRCRAFT INFRARED COUNTERMEASURES HC/MC-130 Recap - 5

Models of Systems Affected: MC-130J, HC-130J	Type Modification: Capability Improvement	Related RDT&E PEs: 0401134F
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Installation: LARGE AIRCRAFT INFRARED COUNTERMEASURES HC/MC-130 Recap	Method of Implementation: Contractor Facility	Installation Name:
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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)
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	0	0.000	0	0.000
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	0	0.000	0	3.240
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-

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	0	0	0	0	0	0	0	0	1	3	3	3	0	2	3	3	3	1	0	0	0	0	0	0	0	0	0	0	0	0	22
Out	0	0	0	0	0	0	0	0	0	0	0	1	3	0	3	0	2	3	3	3	1	0	0	0	0	0	0	0	0	0	3	0	22

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

Appropriation / Budget Activity / Budget Sub Activity:
3010F : Aircraft Procurement, Air Force / BA 5 : Modification of Inservice Aircraft / BSA 2 : Tactical Aircraft

P-1 Line Item Nomenclature:
36 - A-10 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)	939.961	202.806	55.028	89.919	-	89.919	47.850	0.000	0.000	0.000	-	1,335.564
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	939.961	202.806	55.028	89.919	-	89.919	47.850	0.000	0.000	0.000	-	1,335.564
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	939.961	202.806	55.028	89.919	-	89.919	47.850	0.000	0.000	0.000	-	1,335.564

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

Description:

This line item funds modifications to the A-10 aircraft. The A-10 is a twin engine, single seat, close air support aircraft capable of delivering a full range of air-to-ground munitions as well as self defense air-to-air missiles. The primary modification budgeted in FY 13 is the A-10 Wing Replacement mod. The specific modifications budgeted and programmed are below.

Item Schedule		ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
A-10 (See enclosed P-40A)	P40A				504.788			51.599			49.860			7.426			0.000			7.426
A-10 Wing Replacement Program - 9804	P3A		-	-	435.173	-	-	151.207	-	-	5.168	-	-	82.493	-	-	-	-	-	82.493
Total Gross/Weapon System Cost					939.961			202.806			55.028			89.919			-			89.919
		ID CD	FY 2014			FY 2015			FY 2016			FY 2017			To Complete			Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
A-10 (See enclosed P-40A)	P40A				3.018			0.000			0.000			0.000			0.000			616.691
A-10 Wing Replacement Program - 9804	P3A		-	-	44.832	-	-	-	-	-	-	-	-	-	-	-	-	-	-	718.873
Total Gross/Weapon System Cost					47.850			0.000			0.000			0.000			-			1,335.564

*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-40, Budget Item Justification Sheet: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F : Aircraft Procurement, Air Force / BA 5 : Modification of Inservice Aircraft / BSA 2 : Tactical Aircraft		P-1 Line Item Nomenclature: 36 - A-10 Mods
ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:
Justification: With the exception of modifications listed in the P-40A, justification for individual modifications is provided in the P-3A exhibits.		

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 2 **P-1 Line Item Nomenclature:** 36 - A-10 Mods **Aggregated Item Name:** A-10

Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
(Uncategorized)																			
1 - DIGITAL DATA LINK		-	343	53.788	-	0	0.674	-	0	0.674	-	0	0.000	-	0	0.000	-	0	0.000
<i>Secondary Distribution</i>																			
Air Force Active			196	44.095		0	0.674		0	0.674		0	0.000		0	0.000		0	0.000
Air National Guard			92	6.205		0	0.000		0	0.000		0	0.000		0	0.000		0	0.000
Air Force Reserve			55	3.488		0	0.000		0	0.000		0	0.000		0	0.000		0	0.000
2 - TEMS/ADR		-	0	0.000	-	0	0.000	-	162	6.686	-	80	4.500	-	0	0.000	-	80	4.500
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		92	4.327		77	4.401		0	0.000		77	4.401
Air National Guard			0	0.000		0	0.000		48	1.618		1	0.033		0	0.000		1	0.033
Air Force Reserve			0	0.000		0	0.000		22	0.741		2	0.066		0	0.000		2	0.066
3 - MODE S/5		-	320	28.103	-	57	4.331	-	0	0.000	-	106	2.926	-	0	0.000	-	106	2.926
<i>Secondary Distribution</i>																			
Air Force Active			190	19.816		17	2.681		0	0.000		76	2.128		0	0.000		76	2.128
Air National Guard			92	5.883		26	1.147		0	0.000		20	0.532		0	0.000		20	0.532
Air Force Reserve			38	2.404		14	0.503		0	0.000		10	0.266		0	0.000		10	0.266
4 - Extended Duration Covert Infrared Countermeasures System		-	256	47.224	-	36	16.500	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000
<i>Secondary Distribution</i>																			
Air Force Active			155	35.502		36	16.500		0	0.000		0	0.000		0	0.000		0	0.000
Air National Guard			53	8.676		0	0.000		0	0.000		0	0.000		0	0.000		0	0.000
Air Force Reserve			48	3.046		0	0.000		0	0.000		0	0.000		0	0.000		0	0.000
5 - PRECISION ENGAGEMENT		-	339	374.290	-	0	1.097	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000
<i>Secondary Distribution</i>																			
Air Force Active			183	191.362		0	0.547		0	0.000		0	0.000		0	0.000		0	0.000
Air National Guard			108	137.285		0	0.000		0	0.000		0	0.000		0	0.000		0	0.000
Air Force Reserve			48	45.643		0	0.550		0	0.000		0	0.000		0	0.000		0	0.000

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force															Date: February 2012				
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 2					P-1 Line Item Nomenclature: 36 - A-10 Mods					Aggregated Item Name: A-10									
Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
6 - A-10 Helmet Mounted Cuing System		-	0	0.000	-	169	28.986	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		169	28.986		0	0.000		0	0.000		0	0.000		0	0.000
7 - Portable Aircraft Test Set		-	0	0.000	-	0	0.000	-	0	42.500	-	0	0.000	-	0	0.000	-	0	0.000
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	42.500		0	0.000		0	0.000		0	0.000
8 - LOW COST MODIFICATIONS		-	0	1.383	-	0	0.011	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000
<i>Secondary Distribution</i>																			
Air Force Active			0	1.383		0	0.011		0	0.000		0	0.000		0	0.000		0	0.000
<i>Uncategorized Subtotal</i>				504.788			51.599			49.860			7.426			0.000			7.426
Total				504.788			51.599			49.860			7.426			0.000			7.426

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force															Date: February 2012				
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 2							P-1 Line Item Nomenclature: 36 - A-10 Mods							Aggregated Item Name: A-10					
Items († indicates the presence of a P-5A)	ID CD	FY 2014			FY 2015			FY 2016			FY 2017			To Complete			Total		
		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
(Uncategorized)																			
1 - DIGITAL DATA LINK		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	343	55.136
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.000						
Air National Guard			0	0.000		0	0.000		0	0.000		0	0.000						
Air Force Reserve			0	0.000		0	0.000		0	0.000		0	0.000						
2 - TEMS/ADR		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	242	11.186
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.000						
Air National Guard			0	0.000		0	0.000		0	0.000		0	0.000						
Air Force Reserve			0	0.000		0	0.000		0	0.000		0	0.000						
3 - MODE S/5		-	106	3.018	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	589	38.378
<i>Secondary Distribution</i>																			
Air Force Active			76	2.195		0	0.000		0	0.000		0	0.000						
Air National Guard			20	0.549		0	0.000		0	0.000		0	0.000						
Air Force Reserve			10	0.274		0	0.000		0	0.000		0	0.000						
4 - Extended Duration Covert Infrared Countermeasures System		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	292	63.724
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.000						
Air National Guard			0	0.000		0	0.000		0	0.000		0	0.000						
Air Force Reserve			0	0.000		0	0.000		0	0.000		0	0.000						
5 - PRECISION ENGAGEMENT		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	339	375.387
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.000						
Air National Guard			0	0.000		0	0.000		0	0.000		0	0.000						
Air Force Reserve			0	0.000		0	0.000		0	0.000		0	0.000						

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 2 **P-1 Line Item Nomenclature:** 36 - A-10 Mods **Aggregated Item Name:** A-10

Items († indicates the presence of a P-5A)	ID CD	FY 2014			FY 2015			FY 2016			FY 2017			To Complete			Total		
		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
6 - A-10 Helmet Mounted Cuing System		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	169	28.986
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.000						
7 - Portable Aircraft Test Set		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	42.500
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.000						
8 - LOW COST MODIFICATIONS		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	1.394
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.000						
<i>Uncategorized Subtotal</i>				3.018			0.000			0.000			0.000			0.000			616.691
Total				3.018			0.000			0.000			0.000			0.000			616.691

Remarks:

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 2		P-1 Line Item Nomenclature: 36 - A-10 Mods
Modification Nomenclature (Modification Title, Modification Number): A-10 Wing Replacement Program - 9804		

Models of Systems Affected: A-10	Type Modification: Reliability & Maintainability	Related RDT&E PEs: 0207131F
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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)	435.173	151.207	5.168	82.493	-	82.493	44.832	-	-	-	-	718.873
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	435.173	151.207	5.168	82.493	-	82.493	44.832	-	-	-	-	718.873
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	435.173	151.207	5.168	82.493	-	82.493	44.832	-	-	-	-	718.873

(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 Millions)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The Wing Replacement program procures replacement wings for the A-10 because the cost of sustaining A-10 wings has exceeded economic limits. The Fleet Viability Board estimated a \$1.3 billion cost avoidance by replacing the thin-skin wings instead of repairing them. To increase the aircraft service life, A-10 wings must be replaced with enhanced wing assemblies. The replacement wings will be the major contribution to meet the A-10's operational service life requirement. The replacement wings will incorporate reliability and maintainability improvements to known fatigue critical locations. With these improvements, the replacement wings will not require major structural inspections for the first 10,000 hours of service life. The replacement wings will be installed as part of the O&M-funded Scheduled Structural Inspections (SSI) to the furthest extent possible.

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Exhibit P-3A, Individual Modification: PB 2013 Air Force									Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 2			P-1 Line Item Nomenclature: 36 - A-10 Mods						Modification Nomenclature (<i>Modification Title, Modification Number</i>): A-10 Wing Replacement Program - 9804			
Models of Systems Affected: A-10			Type Modification: Reliability & Maintainability				Related RDT&E PEs: 0207131F					
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
RDT&E PE #												
0207131F	0	5.695	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
Procurement												
A-10 Wing Replacement Program												
A Kits												
Recurring												
INSTALL KITS Group A (Active)	38	0.000	19	0.000	0	0.000	9	0.000	0	0.000	9	0.000
INSTALL KITS Group A (Guard)	23	0.000	13	0.000	0	0.000	6	0.000	0	0.000	6	0.000
INSTALL KITS Group A (Reserve)	16	0.000	8	0.000	0	0.000	4	0.000	0	0.000	4	0.000
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		0.000
B Kits												
Recurring												
EQUIPMENT Group B (Active)	38	194.609	19	67.107	0	0.000	9	37.700	0	0.000	9	37.700
EQUIPMENT Group B (Guard)	23	108.310	13	45.915	0	0.000	6	25.133	0	0.000	6	25.133
EQUIPMENT Group B (Reserve)	16	76.501	8	28.256	0	0.000	4	16.756	0	0.000	4	16.756
<i>Subtotal Recurring</i>		379.420		141.278		0.000		79.589		0.000		79.589
Secondary Distribution												
Air Force Active	38	250.362	19	77.036	0	5.168	9	40.604	0	0.000	9	40.604
Air National Guard	23	108.310	13	45.915	0	0.000	6	25.133	0	0.000	6	25.133
Air Force Reserve	16	76.501	8	28.256	0	0.000	4	16.756	0	0.000	4	16.756
<i>Total, A-10 Wing Replacement Program</i>	77	379.420	40	141.278	0	0.000	19	79.589	0	0.000	19	79.589
<i>Total, All Modifications</i>		379.420		141.278		0.000		79.589		0.000		79.589
Support												
CHANGE ORDERS	0	18.675	0	6.737	0	0.762	0	0.000	0	0.000	0	0.000
DATA	0	2.187	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
OTHER GOVT	0	34.891	0	3.192	0	4.406	0	2.349	0	0.000	0	2.349
PMA - Gov't Costs	0	0.000	0	0.000	0	0.000	0	0.115	0	0.000	0	0.115
PMA - Contractor Services	0	0.000	0	0.000	0	0.000	0	0.440	0	0.000	0	0.440
<i>Total Support Cost</i>		55.753		9.929		5.168		2.904		0.000		2.904

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Exhibit P-3A, Individual Modification: PB 2013 Air Force										Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 2					P-1 Line Item Nomenclature: 36 - A-10 Mods					Modification Nomenclature (<i>Modification Title, Modification Number</i>): A-10 Wing Replacement Program - 9804			
Models of Systems Affected: A-10				Type Modification: Reliability & Maintainability				Related RDT&E PEs: 0207131F					
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>Procurement Cost (Procurement + Support)</i>			435.173		151.207		5.168		82.493		0.000		82.493
<i>Total Installation Cost</i>			0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)			435.173		151.207		5.168		82.493		0.000		82.493
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>
RDT&E PE #													
0207131F		0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	5.695
Procurement													
A-10 Wing Replacement Program													
A Kits													
Recurring													
INSTALL KITS Group A (Active)		3	0.000	0	0.000	0	0.000	0	0.000	0	0.000	69	0.000
INSTALL KITS Group A (Guard)		5	0.000	0	0.000	0	0.000	0	0.000	0	0.000	47	0.000
INSTALL KITS Group A (Reserve)		1	0.000	0	0.000	0	0.000	0	0.000	0	0.000	29	0.000
<i>Subtotal Recurring</i>			0.000		0.000		0.000		0.000		0.000		0.000
B Kits													
Recurring													
EQUIPMENT Group B (Active)		3	13.704	0	0.000	0	0.000	0	0.000	0	0.000	69	313.120
EQUIPMENT Group B (Guard)		5	22.840	0	0.000	0	0.000	0	0.000	0	0.000	47	202.198
EQUIPMENT Group B (Reserve)		1	4.568	0	0.000	0	0.000	0	0.000	0	0.000	29	126.081
<i>Subtotal Recurring</i>			41.112		0.000		0.000		0.000		0.000		641.399
Secondary Distribution													
Air Force Active		3	17.424	0	0.000	0	0.000	0	0.000	-	-	-	-
Air National Guard		5	22.840	0	0.000	0	0.000	0	0.000	-	-	-	-
Air Force Reserve		1	4.568	0	0.000	0	0.000	0	0.000	-	-	-	-
<i>Total, A-10 Wing Replacement Program</i>		9	41.112	0	0.000	0	0.000	0	0.000	0	0.000	145	641.399
<i>Total, All Modifications</i>			41.112		0.000		0.000		0.000		0.000		641.399
Support													

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 2	P-1 Line Item Nomenclature: 36 - A-10 Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): A-10 Wing Replacement Program - 9804

Models of Systems Affected: A-10	Type Modification: Reliability & Maintainability	Related RDT&E PEs: 0207131F
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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)
CHANGE ORDERS	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	26.174
DATA	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	2.187
OTHER GOVT	0	3.255	0	0.000	0	0.000	0	0.000	0	0.000	0	48.093
PMA - Gov't Costs	0	0.025	0	0.000	0	0.000	0	0.000	0	0.000	0	0.140
PMA - Contractor Services	0	0.440	0	0.000	0	0.000	0	0.000	0	0.000	0	0.880
<i>Total Support Cost</i>		3.720		0.000		0.000		0.000		0.000		77.474
<i>Procurement Cost (Procurement + Support)</i>		44.832		0.000		0.000		0.000		0.000		718.873
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		44.832		0.000		0.000		0.000		0.000		718.873

Remarks:

Manufacturer Information: A-10 Wing Replacement Program

Manufacturer Name: Boeing	Manufacturer Location: Marietta, GA
Administrative Leadtime (in Months): 3	Production Leadtime (in Months): 24

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

Installation: A-10 Wing Replacement Program	Method of Implementation: Org/Intermediate	Installation Quantity: 0
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Exhibit P-40, Budget Item Justification Sheet: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity:
3010F : Aircraft Procurement, Air Force / BA 5 : Modification of Inservice Aircraft / BSA 2 : Tactical Aircraft

P-1 Line Item Nomenclature:
37 - F-15 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)	598.249	303.840	255.586	148.378	-	148.378	451.744	466.858	499.169	473.118	4,410.736	7,607.678
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	598.249	303.840	255.586	148.378	-	148.378	451.744	466.858	499.169	473.118	4,410.736	7,607.678
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	598.249	303.840	255.586	148.378	-	148.378	451.744	466.858	499.169	473.118	4,410.736	7,607.678

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

Description:

This line item funds modifications to the F-15 aircraft. The F-15C/D is a twin engine, single seat, supersonic, all-weather, day/night, air-superiority fighter. The F-15E is a twin engine, two seat, supersonic dual-role, day/night, all-weather, deep interdiction fighter with multi-role air-to-air capabilities. The overall goals of the budgeted modifications are to improve operational capability, reliability and maintainability, and flight safety. The specific modifications budgeted and programmed are below.

This program has associated Research Development Test and Evaluation (RDT&E) in PE 0207134F.

Item Schedule		ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
F-15 (See enclosed P-40A)	P40A				155.069			85.306			41.549			13.102			0.000			13.102
F-15E AESA Radar - 1202	P3A		-	-	-	-	-	85.266	-	-	99.299	-	-	100.000	-	-	-	-	-	100.000
F-15C/D APG-63(V)3 radar upgrade - 6158	P3A		-	-	443.180	-	-	133.268	-	-	92.991	-	-	15.956	-	-	-	-	-	15.956
F-15C/D BLOS - 8794	P3A		-	-	-	-	-	-	-	-	21.747	-	-	11.320	-	-	-	-	-	11.320
F-15C Passive Attack Sensor System - 8797	P3A		-	-	-	-	-	-	-	-	-	-	-	8.000	-	-	-	-	-	8.000
Total Gross/Weapon System Cost					598.249			303.840			255.586			148.378			-			148.378

UNCLASSIFIED

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

Appropriation / Budget Activity / Budget Sub Activity:
3010F : Aircraft Procurement, Air Force / BA 5 : Modification of Inservice Aircraft / BSA 2 : Tactical Aircraft

P-1 Line Item Nomenclature:
37 - F-15 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 (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
F-15 (See enclosed P-40A)	P40A				32.989			49.878			111.414			233.723			3,504.854			4,227.884
F-15E AESA Radar - 1202	P3A		-	-	225.474	-	-	227.235	-	-	221.925	-	-	225.529	-	-	899.340	-	-	2,084.068
F-15C/D APG-63(V)3 radar upgrade - 6158	P3A		-	-	176.855	-	-	175.780	-	-	161.046	-	-	9.082	-	-	6.542	-	-	1,214.700
F-15C/D BLOS - 8794	P3A		-	-	12.226	-	-	9.181	-	-	-	-	-	-	-	-	-	-	-	54.474
F-15C Passive Attack Sensor System - 8797	P3A		-	-	4.200	-	-	4.784	-	-	4.784	-	-	4.784	-	-	-	-	-	26.552
Total Gross/Weapon System Cost					451.744			466.858			499.169			473.118			4,410.736			7,607.678

*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:

With the exception of modifications listed in the P-40A, justification for individual modifications is provided in the P-3A exhibits.

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 2 **P-1 Line Item Nomenclature:** 37 - F-15 Mods **Aggregated Item Name:** F-15

Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
(Uncategorized)																			
1 - F-15C Avionics Replacement		-	0	7.797	-	118	21.550	-	58	8.736	-	0	0.000	-	0	0.000	-	0	0.000
<i>Secondary Distribution</i>																			
Air Force Active			0	7.797		98	18.450		0	2.002		0	0.000		0	0.000		0	0.000
Air National Guard			0	0.000		20	3.100		58	6.734		0	0.000		0	0.000		0	0.000
2 - Advanced Display Core Processor, ADCP II-E		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.000		0	0.000		0	0.000
Air National Guard			0	0.000		0	0.000		0	0.000		0	0.000		0	0.000		0	0.000
Air Force Reserve			0	0.000		0	0.000		0	0.000		0	0.000		0	0.000		0	0.000
3 - C/D Secondary Power System		-	0	0.089	-	0	0.000	-	17	0.448	-	108	2.846	-	0	0.000	-	108	2.846
<i>Secondary Distribution</i>																			
Air Force Active			0	0.089		0	0.000		8	0.211		54	1.423		0	0.000		54	1.423
Air National Guard			0	0.000		0	0.000		9	0.237		54	1.423		0	0.000		54	1.423
Air Force Reserve			0	0.000		0	0.000		0	0.000		0	0.000		0	0.000		0	0.000
4 - E Secondary Power System		-	88	2.120	-	97	2.813	-	36	2.323	-	0	0.000	-	0	0.000	-	0	0.000
<i>Secondary Distribution</i>																			
Air Force Active			88	2.120		97	2.813		36	2.323		0	0.000		0	0.000		0	0.000
Air National Guard			0	0.000		0	0.000		0	0.000		0	0.000		0	0.000		0	0.000
5 - Advanced Display Core Processor, ADCP II-C		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.000		0	0.000		0	0.000
Air National Guard			0	0.000		0	0.000		0	0.000		0	0.000		0	0.000		0	0.000
6 - IRST		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.000		0	0.000		0	0.000

UNCLASSIFIED

Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 2 **P-1 Line Item Nomenclature:** 37 - F-15 Mods **Aggregated Item Name:** F-15

Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Air National Guard			0	0.000		0	0.000		0	0.000		0	0.000		0	0.000		0	0.000
7 - F-15E M-Code GPS		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.000		0	0.000		0	0.000
8 - C/D Flight Data Recorder (FDR)		-	162	11.853	-	0	0.000	-	88	10.314	-	0	2.062	-	0	0.000	-	0	2.062
<i>Secondary Distribution</i>																			
Air Force Active			65	5.426		0	0.000		55	7.146		0	2.062		0	0.000		0	2.062
Air National Guard			97	6.427		0	0.000		33	3.168		0	0.000		0	0.000		0	0.000
9 - F-15E Flight Data Recorder (FDR)		-	100	10.210	-	0	0.012	-	121	10.883	-	0	1.811	-	0	0.000	-	0	1.811
<i>Secondary Distribution</i>																			
Air Force Active			100	10.210		0	0.012		121	10.883		0	1.811		0	0.000		0	1.811
10 - F-15E - JOINT HELMET-MOUNTED CUEING SYSTEM		-	169	65.686	-	0	0.000	-	0	0.000	-	24	4.164	-	0	0.000	-	24	4.164
<i>Secondary Distribution</i>																			
Air Force Active			169	65.686		0	0.000		0	0.000		24	4.164		0	0.000		24	4.164
11 - AETC MTD UPGRADES-FIELD TRAINING DETACHMENTS		-	0	2.780	-	0	0.987	-	0	0.751	-	0	0.673	-	0	0.000	-	0	0.673
<i>Secondary Distribution</i>																			
Air Force Active			0	2.780		0	0.987		0	0.751		0	0.673		0	0.000		0	0.673
12 - F-15 A/D DIGITAL VIDEO RECORDER		-	115	5.471	-	135	13.620	-	0	1.976	-	0	0.000	-	0	0.000	-	0	0.000
<i>Secondary Distribution</i>																			
Air Force Active			100	4.811		20	9.814		0	1.918		0	0.000		0	0.000		0	0.000
Air National Guard			15	0.660		115	3.806		0	0.058		0	0.000		0	0.000		0	0.000
Air Force Reserve			0	0.000		0	0.000		0	0.000		0	0.000		0	0.000		0	0.000
13 - F-15E DIGITAL VIDEO RECORDER		-	0	5.737	-	112	5.546	-	109	6.118	-	0	1.546	-	0	0.000	-	0	1.546
<i>Secondary Distribution</i>																			
Air Force Active			0	5.737		112	5.546		109	6.118		0	1.546		0	0.000		0	1.546

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 2 **P-1 Line Item Nomenclature:** 37 - F-15 Mods **Aggregated Item Name:** F-15

Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
14 - TEWS INTERMEDIATE SUPPORT SYSTEM (TISS) A-E		-	0	23.149	-	0	8.495	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000
<i>Secondary Distribution</i>																			
Air Force Active			0	23.149		0	8.495		0	0.000		0	0.000		0	0.000		0	0.000
15 - E IFF MODE 5		-	0	11.465	-	289	29.473	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000
<i>Secondary Distribution</i>																			
Air Force Active			0	11.465		289	29.473		0	0.000		0	0.000		0	0.000		0	0.000
16 - Link 16 Cryptographic Modernization (CMI)		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.000		0	0.000		0	0.000
Air National Guard			0	0.000		0	0.000		0	0.000		0	0.000		0	0.000		0	0.000
Air Force Reserve			0	0.000		0	0.000		0	0.000		0	0.000		0	0.000		0	0.000
17 - EPAWSS-E		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.000		0	0.000		0	0.000
18 - EPAWSS-C/D		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.000		0	0.000		0	0.000
Air National Guard			0	0.000		0	0.000		0	0.000		0	0.000		0	0.000		0	0.000
19 - LOW COST RETROFIT MODS		-	0	3.768	-	0	1.995	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000
<i>Secondary Distribution</i>																			
Air Force Active			0	3.768		0	1.995		0	0.000		0	0.000		0	0.000		0	0.000
20 - LOW COST MODIFICATIONS		-	0	4.944	-	0	0.815	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000
<i>Secondary Distribution</i>																			
Air Force Active			0	4.944		0	0.815		0	0.000		0	0.000		0	0.000		0	0.000
<i>Uncategorized Subtotal</i>				155.069			85.306			41.549			13.102			0.000			13.102
Total				155.069			85.306			41.549			13.102			0.000			13.102

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force															Date: February 2012				
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 2					P-1 Line Item Nomenclature: 37 - F-15 Mods					Aggregated Item Name: F-15									
Items († indicates the presence of a P-5A)	ID CD	FY 2014			FY 2015			FY 2016			FY 2017			To Complete			Total		
		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
(Uncategorized)																			
1 - F-15C Avionics Replacement		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	176	38.083
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.000						
Air National Guard			0	0.000		0	0.000		0	0.000		0	0.000						
2 - Advanced Display Core Processor, ADCP II-E		-	0	0.000	-	0	24.038	-	0	63.916	-	0	63.320	-	0	15.350	-	0	166.624
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	24.038		0	63.916		0	63.320						
Air National Guard			0	0.000		0	0.000		0	0.000		0	0.000						
Air Force Reserve			0	0.000		0	0.000		0	0.000		0	0.000						
3 - C/D Secondary Power System		-	108	2.857	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	233	6.240
<i>Secondary Distribution</i>																			
Air Force Active			54	1.428		0	0.000		0	0.000		0	0.000						
Air National Guard			54	1.429		0	0.000		0	0.000		0	0.000						
Air Force Reserve			0	0.000		0	0.000		0	0.000		0	0.000						
4 - E Secondary Power System		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	221	7.256
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.000						
Air National Guard			0	0.000		0	0.000		0	0.000		0	0.000						
5 - Advanced Display Core Processor, ADCP II-C		-	0	0.000	-	0	0.000	-	19	36.064	-	59	79.178	-	98	105.162	-	176	220.404
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		19	36.064		59	79.178						
Air National Guard			0	0.000		0	0.000		0	0.000		0	0.000						
6 - IRST		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	100	598.133	-	100	598.133
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.000						

UNCLASSIFIED

Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 2 **P-1 Line Item Nomenclature:** 37 - F-15 Mods **Aggregated Item Name:** F-15

Items († indicates the presence of a P-5A)	ID CD	FY 2014			FY 2015			FY 2016			FY 2017			To Complete			Total		
		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Air National Guard			0	0.000		0	0.000		0	0.000		0	0.000						
7 - F-15E M-Code GPS		-	0	0.000	-	60	3.009	-	72	4.381	-	76	4.536	-	13	1.450	-	221	13.376
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		60	3.009		72	4.381		76	4.536						
8 - C/D Flight Data Recorder (FDR)		-	0	2.056	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	250	26.285
<i>Secondary Distribution</i>																			
Air Force Active			0	2.056		0	0.000		0	0.000		0	0.000						
Air National Guard			0	0.000		0	0.000		0	0.000		0	0.000						
9 - F-15E Flight Data Recorder (FDR)		-	0	1.694	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	221	24.610
<i>Secondary Distribution</i>																			
Air Force Active			0	1.694		0	0.000		0	0.000		0	0.000						
10 - F-15E - JOINT HELMET-MOUNTED CUEING SYSTEM		-	21	21.170	-	0	15.929	-	0	0.000	-	0	0.000	-	0	0.000	-	214	106.949
<i>Secondary Distribution</i>																			
Air Force Active			21	21.170		0	15.929		0	0.000		0	0.000						
11 - AETC MTD UPGRADES-FIELD TRAINING DETACHMENTS		-	0	0.835	-	0	1.081	-	0	1.107	-	0	1.125	-	0	0.000	-	0	9.339
<i>Secondary Distribution</i>																			
Air Force Active			0	0.835		0	1.081		0	1.107		0	1.125						
12 - F-15 A/D DIGITAL VIDEO RECORDER		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	250	21.067
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.000						
Air National Guard			0	0.000		0	0.000		0	0.000		0	0.000						
Air Force Reserve			0	0.000		0	0.000		0	0.000		0	0.000						
13 - F-15E DIGITAL VIDEO RECORDER		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	221	18.947
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.000						

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 2 **P-1 Line Item Nomenclature:** 37 - F-15 Mods **Aggregated Item Name:** F-15

Items († indicates the presence of a P-5A)	ID CD	FY 2014			FY 2015			FY 2016			FY 2017			To Complete			Total		
		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
14 - TEWS INTERMEDIATE SUPPORT SYSTEM (TISS) A-E		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	31.644
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.000						
15 - E IFF MODE 5		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	289	40.938
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.000						
16 - Link 16 Cryptographic Modernization (CMI)		-	78	4.377	-	102	5.821	-	103	5.946	-	101	5.964	-	86	5.059	-	470	27.167
<i>Secondary Distribution</i>																			
Air Force Active			60	3.477		74	4.393		76	4.542		72	4.427						
Air National Guard			18	0.900		28	1.428		27	1.404		29	1.537						
Air Force Reserve			0	0.000		0	0.000		0	0.000		0	0.000						
17 - EPAWSS-E		-	0	0.000	-	0	0.000	-	0	0.000	-	5	39.800	-	216	1,613.700	-	221	1,653.500
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		5	39.800						
18 - EPAWSS-C/D		-	0	0.000	-	0	0.000	-	0	0.000	-	5	39.800	-	153	1,166.000	-	158	1,205.800
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		3	28.040						
Air National Guard			0	0.000		0	0.000		0	0.000		2	11.760						
19 - LOW COST RETROFIT MODS		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	5.763
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.000						
20 - LOW COST MODIFICATIONS		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	5.759
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.000						
<i>Uncategorized Subtotal</i>				32.989			49.878			111.414			233.723			0.000			4,227.884
Total				32.989			49.878			111.414			233.723			3,504.854			4,227.884

Remarks:

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 2	P-1 Line Item Nomenclature: 37 - F-15 Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): F-15E AESA Radar - 1202

Models of Systems Affected: F-15E	Type Modification: Reliability & Maintainability	Related RDT&E PEs: 0207134F
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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)	-	85.266	99.299	100.000	-	100.000	225.474	227.235	221.925	225.529	899.340	2,084.068
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	85.266	99.299	100.000	-	100.000	225.474	227.235	221.925	225.529	899.340	2,084.068
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	-	85.266	99.299	100.000	-	100.000	225.474	227.235	221.925	225.529	899.340	2,084.068

(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 Millions)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

F-15E Radar Modernization Program (RMP), designated the APG-82(V)1, replaces the legacy radar using existing technology from other DOD platforms. It solves parts obsolescence problems and provides improved reliability and performance (increased synthetic aperture radar (SAR) range and resolution), including air-to-air and air-to-ground modes. Also provides for future growth. Total aircraft requirement: 221.

This program has associated Research Development Test and Evaluation (RDT&E) funding in PE 0207134F.

Systems Engineering/Program Management (SE/PM) and Contractor Training Costs are rolled into the Group A Nonrecurring Kit Costs.

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Exhibit P-3A, Individual Modification: PB 2013 Air Force								Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 2				P-1 Line Item Nomenclature: 37 - F-15 Mods				Modification Nomenclature (<i>Modification Title, Modification Number</i>): F-15E AESA Radar - 1202					
Models of Systems Affected: F-15E			Type Modification: Reliability & Maintainability					Related RDT&E PEs: 0207134F					
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
RDT&E PE #													
0207134F	0	249.147	0	76.462	0	33.353	0	1.351	0	0.000	0	1.351	
Procurement													
F-15E AESA Radar													
A Kits													
Recurring													
INSTALL KITS Group A (Active)	0	0.000	6	8.134	10	12.974	12	17.345	0	0.000	12	17.345	
<i>Subtotal Recurring</i>		0.000		8.134		12.974		17.345		0.000		17.345	
NonRecurring													
KITS NONRECUR Group A (Active)	0	0.000	0	5.503	0	3.839	0	1.634	0	0.000	0	1.634	
<i>Subtotal NonRecurring</i>		0.000		5.503		3.839		1.634		0.000		1.634	
B Kits													
Recurring													
EQUIPMENT Group B (Active)	0	0.000	6	29.863	10	43.895	12	51.110	0	0.000	12	51.110	
<i>Subtotal Recurring</i>		0.000		29.863		43.895		51.110		0.000		51.110	
NonRecurring													
EQUIP NONREC Group B (Active)	0	0.000	0	29.054	0	18.021	0	13.501	0	0.000	0	13.501	
<i>Subtotal NonRecurring</i>		0.000		29.054		18.021		13.501		0.000		13.501	
Secondary Distribution													
Air Force Active	0	0.000	6	85.266	10	99.299	12	98.626	0	0.000	12	98.626	
<i>Total, F-15E AESA Radar</i>	0	0.000	6	72.554	10	78.729	12	83.590	0	0.000	12	83.590	
<i>Total, All Modifications</i>		0.000		72.554		78.729		83.590		0.000		83.590	
Support													
CHANGE ORDERS	0	0.000	0	7.822	0	13.217	0	7.690	0	0.000	0	7.690	
DATA	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	
SUPPORT- EQUIP	0	0.000	0	0.582	0	1.798	0	0.101	0	0.000	0	0.101	
ICS-Labor	0	0.000	0	4.308	0	0.913	0	2.019	0	0.000	0	2.019	
PMA	0	0.000	0	0.000	0	4.642	0	5.226	0	0.000	0	5.226	
<i>Total Support Cost</i>		0.000		12.712		20.570		15.036		0.000		15.036	

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Exhibit P-3A, Individual Modification: PB 2013 Air Force									Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 2				P-1 Line Item Nomenclature: 37 - F-15 Mods					Modification Nomenclature (<i>Modification Title, Modification Number</i>): F-15E AESA Radar - 1202			
Models of Systems Affected: F-15E			Type Modification: Reliability & Maintainability				Related RDT&E PEs: 0207134F					
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (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		85.266		99.299		98.626		0.000		98.626
<i>Total Installation Cost</i>		0.000		0.000		0.000		1.374		0.000		1.374
Total Cost (Procurement + Support + Installation)		0.000		85.266		99.299		100.000		0.000		100.000
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)
RDT&E PE #												
0207134F	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	360.313
Procurement												
F-15E AESA Radar												
A Kits												
Recurring												
INSTALL KITS Group A (Active)	27	43.820	29	47.965	25	41.920	26	44.940	86	160.004	221	377.102
<i>Subtotal Recurring</i>		43.820		47.965		41.920		44.940		160.004		377.102
NonRecurring												
KITS NONREC Group A (Active)	0	21.730	0	21.513	0	20.095	0	20.587	0	79.207	0	174.108
<i>Subtotal NonRecurring</i>		21.730		21.513		20.095		20.587		79.207		174.108
B Kits												
Recurring												
EQUIPMENT Group B (Active)	27	109.924	29	115.659	25	99.025	26	103.006	86	344.677	221	897.159
<i>Subtotal Recurring</i>		109.924		115.659		99.025		103.006		344.677		897.159
NonRecurring												
EQUIP NONREC Group B (Active)	0	6.744	0	0.000	0	7.868	0	0.000	0	19.108	0	94.296
<i>Subtotal NonRecurring</i>		6.744		0.000		7.868		0.000		19.108		94.296
Secondary Distribution												
Air Force Active	27	219.348	29	216.474	25	205.796	26	208.540	-	-	-	-
<i>Total, F-15E AESA Radar</i>	27	182.218	29	185.137	25	168.908	26	168.533	86	602.996	221	1,542.665
<i>Total, All Modifications</i>		182.218		185.137		168.908		168.533		602.996		1,542.665
Support												

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 2	P-1 Line Item Nomenclature: 37 - F-15 Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): F-15E AESA Radar - 1202

Models of Systems Affected: F-15E	Type Modification: Reliability & Maintainability	Related RDT&E PEs: 0207134F
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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)
CHANGE ORDERS	0	14.190	0	13.087	0	17.113	0	13.503	0	56.315	0	142.937
DATA	0	7.601	0	0.000	0	0.000	0	0.000	0	0.000	0	7.601
SUPPORT- EQUIP	0	2.291	0	2.330	0	1.185	0	3.615	0	7.521	0	19.423
ICS-Labor	0	1.088	0	3.798	0	6.996	0	10.887	0	86.924	0	116.933
PMA	0	11.960	0	12.122	0	11.594	0	12.002	0	47.647	0	105.193
<i>Total Support Cost</i>		37.130		31.337		36.888		40.007		198.407		392.087
<i>Procurement Cost (Procurement + Support)</i>		219.348		216.474		205.796		208.540		801.403		1,934.752
<i>Total Installation Cost</i>		6.126		10.761		16.129		16.989		97.937		149.316
Total Cost (Procurement + Support + Installation)		225.474		227.235		221.925		225.529		899.340		2,084.068

Remarks:

Manufacturer Information: F-15E AESA Radar

Manufacturer Name: Raytheon	Manufacturer Location: El Segundo CA/Forest MS
Administrative Leadtime (in Months): 3	Production Leadtime (in Months): 18

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates	Dec 2011	Feb 2012	May 2013	Jan 2014	Jan 2015	Jan 2016	Jan 2017
Delivery Dates	Jun 2013	Feb 2014	Nov 2014	Jul 2015	Jul 2016	Jul 2017	Jul 2018

Installation: F-15E AESA Radar **Method of Implementation:** Contract Field Team **Installation Name:**

Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ 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	-	-	-	-	-	-	3	1.374	-	-	3	1.374
Secondary Distribution - Air Force Active	-	-	-	-	-	-	3	1.374	-	-	3	1.374
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 2	P-1 Line Item Nomenclature: 37 - F-15 Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): F-15E AESA Radar - 1202

Models of Systems Affected: F-15E	Type Modification: Reliability & Maintainability	Related RDT&E PEs: 0207134F
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Installation: F-15E AESA Radar	Method of Implementation: Contract Field Team	Installation Name:
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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)
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	0	0.000	-	-	0	0.000
Secondary Distribution - Air Force Active	-	-	-	-	-	-	0	0.000	-	-	0	0.000
Total	-	-	-	-	-	-	3	1.374	-	-	3	1.374
Secondary Distribution - Air Force Active	-	-	-	-	-	-	3	1.374	-	-	3	1.374

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ 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	3	1.671	-	-	-	-	-	-	0	0.000	6	3.045
Secondary Distribution - Air Force Active	3	1.671	-	-	-	-	-	-	-	-	-	-
FY 2012	8	4.455	2	1.133	-	-	-	-	0	0.000	10	5.588
Secondary Distribution - Air Force Active	8	4.455	2	1.133	-	-	-	-	-	-	-	-
FY 2013	-	-	12	6.796	-	-	-	-	0	0.000	12	6.796
Secondary Distribution - Air Force Active	-	-	12	6.796	-	-	-	-	-	-	-	-
FY 2014	-	-	5	2.832	22	12.672	-	-	0	0.000	27	15.504
Secondary Distribution - Air Force Active	-	-	5	2.832	22	12.672	-	-	-	-	-	-
FY 2015	-	-	-	-	6	3.457	23	13.473	0	0.000	29	16.930
Secondary Distribution - Air Force Active	-	-	-	-	6	3.457	23	13.473	-	-	-	-
FY 2016	-	-	-	-	-	-	6	3.516	19	11.320	25	14.836
Secondary Distribution - Air Force Active	-	-	-	-	-	-	6	3.516	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	26	17.793	26	17.793
To Complete	0	0.000	0	0.000	0	0.000	0	0.000	86	68.824	86	68.824
Secondary Distribution - Air Force Active	0	0.000	0	0.000	0	0.000	0	0.000	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 2	P-1 Line Item Nomenclature: 37 - F-15 Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): F-15E AESA Radar - 1202
Models of Systems Affected: F-15E	Type Modification: Reliability & Maintainability	Related RDT&E PEs: 0207134F

Installation: F-15E AESA Radar	Method of Implementation: Contract Field Team	Installation Name:										
Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (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	11	6.126	19	10.761	28	16.129	29	16.989	131	97.937	221	149.316
Secondary Distribution - Air Force Active	11	6.126	19	10.761	28	16.129	29	16.989	-	-	-	-

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	0	0	0	0	0	0	0	0	0	0	0	1	2	1	4	3	3	4	3	3	9	6	7	9	6	6	8	9	6	131	221
Out	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	4	3	3	4	3	3	9	6	7	9	6	6	8	9	139	221

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 2	P-1 Line Item Nomenclature: 37 - F-15 Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): F-15C/D APG-63(V)3 radar upgrade - 6158

Models of Systems Affected: F-15C/D	Type Modification: Capability Improvement	Related RDT&E PEs: 0207130F
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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)	443.180	133.268	92.991	15.956	-	15.956	176.855	175.780	161.046	9.082	6.542	1,214.700
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	443.180	133.268	92.991	15.956	-	15.956	176.855	175.780	161.046	9.082	6.542	1,214.700
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	443.180	133.268	92.991	15.956	-	15.956	176.855	175.780	161.046	9.082	6.542	1,214.700

(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 Millions)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The APG-63(V)3 radar upgrade replaces the mechanically-scanned antenna on F-15C/D aircraft with an active electronically-scanned array (AESA) antenna that provides improved reliability and performance.

The baseline for the (V)3 program is the APG-63(V)1 configured aircraft. The modification requires replacement of the antenna, power supply and upgrading the environmental control system. Other avionics which support radar functionality may also be upgraded.

INSTALLATION OF HARDWARE: Only 90 kits of the 156 V3 kits reflect the cost to install the kit in the year of the install. The installation funds for 66 kits funded by either Congressional Adds or GWOT/OCO funding are funded in the year of the procurement and are included in the Group A/B kit cost.

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Exhibit P-3A, Individual Modification: PB 2013 Air Force								Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 2				P-1 Line Item Nomenclature: 37 - F-15 Mods				Modification Nomenclature (<i>Modification Title, Modification Number</i>): F-15C/D APG-63(V)3 radar upgrade - 6158					
Models of Systems Affected: F-15C/D			Type Modification: Capability Improvement					Related RDT&E PEs: 0207130F					
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
RDT&E PE #													
0207130F	0	65.272	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	
Procurement													
F-15C/D APG-63(V)3 radar upgrade													
A Kits													
Recurring													
INSTALL KITS Group A (Active)	36	0.000	6	1.197	7	4.208	2	1.215	0	0.000	2	1.215	
INSTALL KITS Group A (Guard)	24	0.000	9	5.384	7	4.208	0	0.000	0	0.000	0	0.000	
INSTALL KITS Group A (Reserve)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	
<i>Subtotal Recurring</i>		0.000		6.581		8.416		1.215		0.000		1.215	
NonRecurring													
KITS NONRECUR Group A (Active)	0	8.931	0	7.905	0	2.155	0	0.726	0	0.000	0	0.726	
KITS NONRECUR Group A (Guard)	0	7.670	0	0.250	0	2.156	0	0.000	0	0.000	0	0.000	
KITS NONRECUR Group A (Reserve)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	
<i>Subtotal NonRecurring</i>		16.601		8.155		4.311		0.726		0.000		0.726	
B Kits													
Recurring													
EQUIPMENT Group B (Active)	36	199.598	6	32.073	7	31.717	2	8.909	0	0.000	2	8.909	
EQUIPMENT Group B (Guard)	24	140.349	9	41.467	7	31.717	0	0.000	0	0.000	0	0.000	
<i>Subtotal Recurring</i>		339.947		73.540		63.434		8.909		0.000		8.909	
NonRecurring													
EQUIP NONREC Group B (Active)	0	23.857	0	19.756	0	0.000	0	0.000	0	0.000	0	0.000	
EQUIP NONREC Group B (Guard)	0	27.336	0	2.500	0	0.000	0	0.000	0	0.000	0	0.000	
<i>Subtotal NonRecurring</i>		51.193		22.256		0.000		0.000		0.000		0.000	
Secondary Distribution													
Air Force Active	36	267.825	6	83.667	7	54.910	2	13.979	0	0.000	2	13.979	
Air National Guard	24	175.355	9	49.601	7	38.081	0	0.000	0	0.000	0	0.000	
<i>Total, F-15C/D APG-63(V)3 radar upgrade</i>	60	407.741	15	110.532	14	76.161	2	10.850	0	0.000	2	10.850	

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Exhibit P-3A, Individual Modification: PB 2013 Air Force										Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 2					P-1 Line Item Nomenclature: 37 - F-15 Mods					Modification Nomenclature (<i>Modification Title, Modification Number</i>): F-15C/D APG-63(V)3 radar upgrade - 6158			
Models of Systems Affected: F-15C/D				Type Modification: Capability Improvement					Related RDT&E PEs: 0207130F				
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (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>		407.741		110.532		76.161		10.850		0.000		10.850	
Support													
CHANGE ORDERS	0	0.000	0	1.571	0	2.780	0	1.401	0	0.000	0	1.401	
DATA	0	5.655	0	1.500	0	0.000	0	0.000	0	0.000	0	0.000	
SUPPORT- EQUIP	0	0.273	0	0.446	0	0.000	0	0.000	0	0.000	0	0.000	
ICS-Labor	0	8.444	0	1.582	0	0.000	0	0.150	0	0.000	0	0.150	
PMA	0	0.033	0	0.000	0	2.285	0	0.389	0	0.000	0	0.389	
OTHER GOVT	0	5.549	0	1.197	0	2.285	0	0.389	0	0.000	0	0.389	
GFP	0	0.000	0	0.800	0	0.000	0	0.800	0	0.000	0	0.800	
Install Spares	7	15.485	0	15.640	1	9.480	0	0.000	0	0.000	0	0.000	
<i>Total Support Cost</i>		35.439		22.736		16.830		3.129		0.000		3.129	
<i>Procurement Cost (Procurement + Support)</i>		443.180		133.268		92.991		13.979		0.000		13.979	
<i>Total Installation Cost</i>		0.000		0.000		0.000		1.977		0.000		1.977	
Total Cost (Procurement + Support + Installation)		443.180		133.268		92.991		15.956		0.000		15.956	
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)	
RDT&E PE #													
0207130F	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	65.272	
Procurement													
F-15C/D APG-63(V)3 radar upgrade													
A Kits													
Recurring													
INSTALL KITS Group A (Active)	11	6.726	13	7.954	3	1.849	0	0.000	0	0.000	78	23.149	
INSTALL KITS Group A (Guard)	16	9.776	13	7.954	9	5.546	0	0.000	0	0.000	78	32.868	
INSTALL KITS Group A (Reserve)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	
<i>Subtotal Recurring</i>		16.502		15.908		7.395		0.000		0.000		56.017	
NonRecurring													

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Exhibit P-3A, Individual Modification: PB 2013 Air Force									Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 2			P-1 Line Item Nomenclature: 37 - F-15 Mods						Modification Nomenclature (Modification Title, Modification Number): F-15C/D APG-63(V)3 radar upgrade - 6158			
Models of Systems Affected: F-15C/D			Type Modification: Capability Improvement						Related RDT&E PEs: 0207130F			
Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
KITS NONRECUR Group A (Active)	0	3.880	0	4.229	0	1.058	0	0.232	0	0.118	0	29.234
KITS NONRECUR Group A (Guard)	0	5.061	0	4.230	0	3.172	0	0.232	0	0.216	0	22.987
KITS NONRECUR Group A (Reserve)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
<i>Subtotal NonRecurring</i>		8.941		8.459		4.230		0.464		0.334		52.221
B Kits												
Recurring												
EQUIPMENT Group B (Active)	11	49.795	13	59.775	3	14.018	0	0.000	0	0.000	78	395.885
EQUIPMENT Group B (Guard)	16	72.429	13	59.775	9	42.055	0	0.000	0	0.000	78	387.792
<i>Subtotal Recurring</i>		122.224		119.550		56.073		0.000		0.000		783.677
NonRecurring												
EQUIP NONREC Group B (Active)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	43.613
EQUIP NONREC Group B (Guard)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	29.836
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		73.449
Secondary Distribution												
Air Force Active	11	85.969	13	97.978	3	103.240	0	1.112	-	-	-	-
Air National Guard	16	87.266	13	71.959	9	50.773	0	0.232	-	-	-	-
<i>Total, F-15C/D APG-63(V)3 radar upgrade</i>	27	147.667	26	143.917	12	67.698	0	0.464	0	0.334	156	965.364
<i>Total, All Modifications</i>		147.667		143.917		67.698		0.464		0.334		965.364
Support												
CHANGE ORDERS	0	11.675	0	12.232	0	81.031	0	0.388	0	0.279	0	111.357
DATA	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	7.155
SUPPORT- EQUIP	0	0.289	0	0.294	0	0.000	0	0.000	0	0.000	0	1.302
ICS-Labor	0	3.500	0	3.500	0	0.000	0	0.000	0	0.000	0	17.176
PMA	0	4.652	0	4.597	0	2.242	0	0.246	0	0.177	0	14.621
OTHER GOVT	0	4.652	0	4.597	0	2.242	0	0.246	0	0.177	0	21.334
GFP	0	0.800	0	0.800	0	0.800	0	0.000	0	0.000	0	4.000
Install Spares	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	8	40.605
<i>Total Support Cost</i>		25.568		26.020		86.315		0.880		0.633		217.550

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 2	P-1 Line Item Nomenclature: 37 - F-15 Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): F-15C/D APG-63(V)3 radar upgrade - 6158

Models of Systems Affected: F-15C/D	Type Modification: Capability Improvement	Related RDT&E PEs: 0207130F
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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>		173.235		169.937		154.013		1.344		0.967		1,182.914
<i>Total Installation Cost</i>		3.620		5.843		7.033		7.738		5.575		31.786
Total Cost (Procurement + Support + Installation)		176.855		175.780		161.046		9.082		6.542		1,214.700

Remarks:

Manufacturer Information: F-15C/D APG-63(V)3 radar upgrade

Manufacturer Name: Raytheon	Manufacturer Location: El Segundo CA/Forest MS
Administrative Leadtime (in Months): 3	Production Leadtime (in Months): 18

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates	Feb 2011	Aug 2012	Dec 2012	Jan 2014	Jan 2015	Jan 2016	
Delivery Dates	Aug 2012	Feb 2014	Jun 2014	Jul 2015	Jul 2016	Jul 2017	

Installation: F-15C/D APG-63(V)3 radar upgrade

Method of Implementation: Contract Field Team

Installation Name:

Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ 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	0.000	10	0.000	12	0.000	18	1.977	-	-	18	1.977
Secondary Distribution - Air Force Active	9	0.000	1	0.000	9	0.000	12	1.977	-	-	12	1.977
Secondary Distribution - Air National Guard	6	0.000	9	0.000	3	0.000	6	0.000	-	-	6	0.000
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air National Guard	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air National Guard	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air National Guard	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 2	P-1 Line Item Nomenclature: 37 - F-15 Mods	Modification Nomenclature (Modification Title, Modification Number): F-15C/D APG-63(V)3 radar upgrade - 6158

Models of Systems Affected: F-15C/D	Type Modification: Capability Improvement	Related RDT&E PEs: 0207130F
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Installation: F-15C/D APG-63(V)3 radar upgrade	Method of Implementation: Contract Field Team	Installation Name:
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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	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air National Guard	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	0	0.000	0	0.000	0	0.000	0	0.000	-	-	0	0.000
Secondary Distribution - Air Force Active	0	0.000	0	0.000	0	0.000	0	0.000	-	-	0	0.000
Secondary Distribution - Air National Guard	0	0.000	0	0.000	0	0.000	0	0.000	-	-	0	0.000
Total	15	0.000	10	0.000	12	0.000	18	1.977	-	-	18	1.977
Secondary Distribution - Air Force Active	9	0.000	1	0.000	9	0.000	12	1.977	-	-	12	1.977
Secondary Distribution - Air National Guard	6	0.000	9	0.000	3	0.000	6	0.000	-	-	6	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	2.011	-	-	-	-	-	-	0	0.000	60	3.988
Secondary Distribution - Air Force Active	5	2.011	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air National Guard	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	13	1.609	2	0.818	-	-	-	-	0	0.000	15	2.427
Secondary Distribution - Air Force Active	4	1.609	2	0.818	-	-	-	-	-	-	-	-
Secondary Distribution - Air National Guard	9	0.000	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	14	2.863	-	-	-	-	0	0.000	14	2.863
Secondary Distribution - Air Force Active	-	-	7	2.863	-	-	-	-	-	-	-	-
Secondary Distribution - Air National Guard	-	-	7	0.000	-	-	-	-	-	-	-	-
FY 2013	-	-	2	0.818	-	-	-	-	0	0.000	2	0.818
Secondary Distribution - Air Force Active	-	-	2	0.818	-	-	-	-	-	-	-	-
FY 2014	-	-	4	1.344	20	7.033	3	0.966	0	0.000	27	9.343
Secondary Distribution - Air Force Active	-	-	1	0.409	8	3.229	2	0.644	-	-	-	-
Secondary Distribution - Air National Guard	-	-	3	0.935	12	3.804	1	0.322	-	-	-	-
FY 2015	-	-	-	-	-	-	21	6.772	5	1.640	26	8.412

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 2	P-1 Line Item Nomenclature: 37 - F-15 Mods	Modification Nomenclature (Modification Title, Modification Number): F-15C/D APG-63(V)3 radar upgrade - 6158

Models of Systems Affected: F-15C/D	Type Modification: Capability Improvement	Related RDT&E PEs: 0207130F
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Installation: F-15C/D APG-63(V)3 radar upgrade	Method of Implementation: Contract Field Team	Installation Name:
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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)
Secondary Distribution - Air Force Active	-	-	-	-	-	-	10	3.224	-	-	-	-
Secondary Distribution - Air National Guard	-	-	-	-	-	-	11	3.548	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	12	3.935	12	3.935
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
Secondary Distribution - Air Force Active	0	0.000	0	0.000	0	0.000	0	0.000	-	-	-	-
Secondary Distribution - Air National Guard	0	0.000	0	0.000	0	0.000	0	0.000	-	-	-	-
Total	18	3.620	22	5.843	20	7.033	24	7.738	17	5.575	156	31.786
Secondary Distribution - Air Force Active	9	3.620	12	4.908	8	3.229	12	3.868	-	-	-	-
Secondary Distribution - Air National Guard	9	0.000	10	0.935	12	3.804	12	3.870	-	-	-	-

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	5	2	2	1	0	2	6	4	6	6	3	3	3	6	6	3	4	6	6	6	6	6	4	4	6	6	6	6	17	156
Out	15	3	3	2	2	0	0	6	5	5	6	4	3	3	5	6	4	3	6	6	6	6	6	5	3	6	6	6	6	19	156

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 2	P-1 Line Item Nomenclature: 37 - F-15 Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): F-15C/D BLOS - 8794

Models of Systems Affected: F-15C	Type Modification: Capability Improvement	Related RDT&E PEs: 0207130F
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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)	-	-	21.747	11.320	-	11.320	12.226	9.181	-	-	-	54.474
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	-	21.747	11.320	-	11.320	12.226	9.181	-	-	-	54.474
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	-	-	21.747	11.320	-	11.320	12.226	9.181	-	-	-	54.474

(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 Millions)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The Air Force has a Beyond Line of Sight (BLOS) capability requirement for combat and Homeland Defense (HD) missions. This requirement is supported by NORAD-USNORTHCOM Joint Urgent Operational Need (JUON) dated 5 October 2007 for BLOS clear and secure voice for Operation Noble Eagle Air Sovereignty Alert fighters. The requirement is for BLOS communications on all long-term F-15C/D aircraft. The priority will be given to the Air Sovereignty Alert aircraft. Ultra High Frequency (UHF) Satellite Communications (SATCOM) is the near term threshold requirement and the longer term threshold requirement is for broad band Mobile User Objective System (MUOS) SATCOM. Identified solutions for the near term requirement include an upgrade path to MUOS with the option for integrated waveform (IW) as an interim upgrade. For cost savings, contract field team installation costs for OCO adds are funded with procurement year funds.

This program has associated Research Development Test and Evaluation (RDT&E) in PE 0207134F.

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Exhibit P-3A, Individual Modification: PB 2013 Air Force									Date: February 2012				
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 2				P-1 Line Item Nomenclature: 37 - F-15 Mods					Modification Nomenclature (<i>Modification Title, Modification Number</i>): F-15C/D BLOS - 8794				
Models of Systems Affected: F-15C			Type Modification: Capability Improvement				Related RDT&E PEs: 0207130F						
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
RDT&E PE #													
0207130F	0	0.000	0	0.000	0	6.550	0	0.000	0	0.000	0	0.000	
Procurement													
F-15C/D BLOS													
A Kits													
Recurring													
INSTALL KITS Group A (Active)	0	0.000	0	0.000	35	0.280	42	0.370	0	0.000	42	0.370	
INSTALL KITS Group A (Guard)	0	0.000	0	0.000	25	0.200	0	0.000	0	0.000	0	0.000	
<i>Subtotal Recurring</i>		0.000		0.000		0.480		0.370		0.000		0.370	
B Kits													
Recurring													
EQUIPMENT Group B (Active)	0	0.000	0	0.000	35	6.930	42	6.000	0	0.000	42	6.000	
EQUIPMENT Group B (Guard)	0	0.000	0	0.000	25	9.610	0	0.000	0	0.000	0	0.000	
<i>Subtotal Recurring</i>		0.000		0.000		16.540		6.000		0.000		6.000	
Secondary Distribution													
Air Force Active	0	0.000	0	0.000	35	11.937	42	8.090	0	0.000	42	8.090	
Air National Guard	0	0.000	0	0.000	25	9.810	0	0.000	0	0.000	0	0.000	
<i>Total, F-15C/D BLOS</i>	0	0.000	0	0.000	60	17.020	42	6.370	0	0.000	42	6.370	
<i>Total, All Modifications</i>		0.000		0.000		17.020		6.370		0.000		6.370	
Support													
CHANGE ORDERS	0	0.000	0	0.000	0	0.601	0	0.000	0	0.000	0	0.000	
DATA	0	0.000	0	0.000	0	2.000	0	0.000	0	0.000	0	0.000	
SIM/TRAINER	0	0.000	0	0.000	0	0.310	0	0.934	0	0.000	0	0.934	
SUPPORT- EQUIP	0	0.000	0	0.000	0	0.270	0	0.000	0	0.000	0	0.000	
PMA	0	0.000	0	0.000	0	0.010	0	0.010	0	0.000	0	0.010	
PMA - Contractor Services	0	0.000	0	0.000	0	0.715	0	0.358	0	0.000	0	0.358	
OTHER GOVT	0	0.000	0	0.000	0	0.821	0	0.418	0	0.000	0	0.418	
<i>Total Support Cost</i>		0.000		0.000		4.727		1.720		0.000		1.720	
<i>Procurement Cost (Procurement + Support)</i>		0.000		0.000		21.747		8.090		0.000		8.090	

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Exhibit P-3A, Individual Modification: PB 2013 Air Force										Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 2					P-1 Line Item Nomenclature: 37 - F-15 Mods					Modification Nomenclature (<i>Modification Title, Modification Number</i>): F-15C/D BLOS - 8794			
Models of Systems Affected: F-15C				Type Modification: Capability Improvement				Related RDT&E PEs: 0207130F					
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		3.230		0.000		3.230
Total Cost (Procurement + Support + Installation)			0.000		0.000		21.747		11.320		0.000		11.320
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>
RDT&E PE #													
0207130F		0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	6.550
Procurement													
F-15C/D BLOS													
A Kits													
Recurring													
INSTALL KITS Group A (Active)		30	0.290	13	0.704	0	0.000	0	0.000	0	0.000	120	1.644
INSTALL KITS Group A (Guard)		0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	25	0.200
<i>Subtotal Recurring</i>			<i>0.290</i>		<i>0.704</i>		<i>0.000</i>		<i>0.000</i>		<i>0.000</i>		<i>1.844</i>
B Kits													
Recurring													
EQUIPMENT Group B (Active)		30	7.860	13	4.000	0	0.000	0	0.000	0	0.000	120	24.790
EQUIPMENT Group B (Guard)		50	1.560	55	1.200	0	0.000	0	0.000	0	0.000	130	12.370
<i>Subtotal Recurring</i>			<i>9.420</i>		<i>5.200</i>		<i>0.000</i>		<i>0.000</i>		<i>0.000</i>		<i>37.160</i>
Secondary Distribution													
Air Force Active		30	8.464	13	5.702	0	0.000	0	0.000	-	-	-	-
Air National Guard		50	1.560	55	1.200	0	0.000	0	0.000	-	-	-	-
<i>Total, F-15C/D BLOS</i>		<i>80</i>	<i>9.710</i>	<i>68</i>	<i>5.904</i>	<i>0</i>	<i>0.000</i>	<i>0</i>	<i>0.000</i>	<i>0</i>	<i>0.000</i>	<i>250</i>	<i>39.004</i>
<i>Total, All Modifications</i>			<i>9.710</i>		<i>5.904</i>		<i>0.000</i>		<i>0.000</i>		<i>0.000</i>		<i>39.004</i>
Support													
CHANGE ORDERS		0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.601
DATA		0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	2.000
SIM/TRAINER		0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	1.244
SUPPORT- EQUIP		0	0.000	0	0.691	0	0.000	0	0.000	0	0.000	0	0.961

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 2	P-1 Line Item Nomenclature: 37 - F-15 Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): F-15C/D BLOS - 8794

Models of Systems Affected: F-15C	Type Modification: Capability Improvement	Related RDT&E PEs: 0207130F
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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)
PMA	0	0.010	0	0.010	0	0.000	0	0.000	0	0.000	0	0.040
PMA - Contractor Services	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	1.073
OTHER GOVT	0	0.304	0	0.297	0	0.000	0	0.000	0	0.000	0	1.840
<i>Total Support Cost</i>		<i>0.314</i>		<i>0.998</i>		<i>0.000</i>		<i>0.000</i>		<i>0.000</i>		<i>7.759</i>
<i>Procurement Cost (Procurement + Support)</i>		<i>10.024</i>		<i>6.902</i>		<i>0.000</i>		<i>0.000</i>		<i>0.000</i>		<i>46.763</i>
<i>Total Installation Cost</i>		<i>2.202</i>		<i>2.279</i>		<i>0.000</i>		<i>0.000</i>		<i>0.000</i>		<i>7.711</i>
Total Cost (Procurement + Support + Installation)		12.226		9.181		0.000		0.000		0.000		54.474

Remarks:

Manufacturer Information: F-15C/D BLOS

Manufacturer Name: Rockwell Collins	Manufacturer Location: Cedar Rapids, IA
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		Jun 2012	Feb 2013	Feb 2014	Feb 2015		
Delivery Dates		Jun 2013	Feb 2014	Feb 2015	Feb 2016		

Installation: F-15C/D BLOS

Method of Implementation: Combination	Installation Name:
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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	-	-	-	-	-	-	60	3.230	-	-	60	3.230
Secondary Distribution - Air Force Active	-	-	-	-	-	-	35	1.905	-	-	35	1.905
Secondary Distribution - Air National Guard	-	-	-	-	-	-	25	1.325	-	-	25	1.325
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 2	P-1 Line Item Nomenclature: 37 - F-15 Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): F-15C/D BLOS - 8794
Models of Systems Affected: F-15C	Type Modification: Capability Improvement	Related RDT&E PEs: 0207130F

Installation: F-15C/D BLOS	Method of Implementation: Combination	Installation Name:
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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)
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	0	0.000	-	-	0	0.000
Secondary Distribution - Air Force Active	-	-	-	-	-	-	0	0.000	-	-	0	0.000
Secondary Distribution - Air National Guard	-	-	-	-	-	-	0	0.000	-	-	0	0.000
Total	-	-	-	-	-	-	60	3.230	-	-	60	3.230
Secondary Distribution - Air Force Active	-	-	-	-	-	-	35	1.905	-	-	35	1.905
Secondary Distribution - Air National Guard	-	-	-	-	-	-	25	1.325	-	-	25	1.325

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ 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	60	3.230
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air National Guard	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	42	2.202	-	-	-	-	-	-	0	0.000	42	2.202
Secondary Distribution - Air Force Active	42	2.202	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	30	1.590	-	-	-	-	0	0.000	30	1.590
Secondary Distribution - Air Force Active	-	-	30	1.590	-	-	-	-	-	-	-	-
FY 2015	-	-	13	0.689	-	-	-	-	0	0.000	13	0.689
Secondary Distribution - Air Force Active	-	-	13	0.689	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	0	0.000	0	0.000	-	-	-	-	0	0.000	0	0.000
Secondary Distribution - Air Force Active	0	0.000	0	0.000	-	-	-	-	-	-	-	-
Secondary Distribution - Air National Guard	-	-	-	-	-	-	-	-	-	-	-	-
Total	42	2.202	43	2.279	-	-	-	-	0	0.000	145	7.711

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 2		P-1 Line Item Nomenclature: 37 - F-15 Mods
		Modification Nomenclature (<i>Modification Title, Modification Number</i>): F-15C/D BLOS - 8794

Models of Systems Affected: F-15C	Type Modification: Capability Improvement	Related RDT&E PEs: 0207130F
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Installation: F-15C/D BLOS	Method of Implementation: Combination	Installation Name:
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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)
Secondary Distribution - Air Force Active	42	2.202	43	2.279	-	-	-	-	-	-	-	-
Secondary Distribution - Air National Guard	-	-	-	-	-	-	-	-	-	-	-	-

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	0	0	0	0	0	0	0	0	0	20	20	20	15	15	12	20	20	25	25	25	30	28	0	0	0	0	0	0	0	250
Out	0	0	0	0	0	0	0	0	0	0	0	20	20	20	15	15	12	20	20	25	25	25	30	28	0	0	0	0	0	0	0	250

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 2	P-1 Line Item Nomenclature: 37 - F-15 Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): F-15C Passive Attack Sensor System - 8797

Models of Systems Affected: F-15 C/D	Type Modification: Capability Improvement	Related RDT&E PEs: 0207130F
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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)	-	-	-	8.000	-	8.000	4.200	4.784	4.784	4.784	-	26.552
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	-	-	8.000	-	8.000	4.200	4.784	4.784	4.784	-	26.552
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	-	-	-	8.000	-	8.000	4.200	4.784	4.784	4.784	-	26.552

(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 Millions)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

F-15C/D Air Sovereignty Alert (ASA) mission requires pilots to visually identify (VID) targets in both day and night scenarios. Night VID intercepts require pilots to operate against low altitude, slow speed targets while using only night vision goggles. Night visual intercepts are extremely dangerous and the conditions often limit, or prevent, the pilot from acquiring the real-time data needed to assess the target. The F-15C/D requires an advanced targeting pod (ATP) capability to better accomplish these intercepts and to aid in asymmetric and maritime threat tracking. The line of sight for the pod must be capable of manual slewing to a geo-location, being slaved to the Joint Helmet Mounted Cueing System, and being slaved to the aircraft primary designated track. Once slewed, the pod must be able to track the target and display the information in the cockpit.

This modification, in addition to integrating the ATP, replaces the current F-15C analog engine monitors with the F-15E digital enhanced engine monitor display (EEMD); replaces the current Tactical electronic warfare system (TEWS) cockpit display with the Passive Attack Display (PAD), which will display TEWS data as well as imagery from the Advanced Targeting Pod; integrates the PAD through an interface card added to the Digital Video Recorder; adds necessary electrical harnesses and brackets; and modifies the centerline pylon to carry the Advanced Targeting Pod.

Specific requirements for ATP air-to-air operation will be in accordance with the ATP-Sensor Enhancement (ATP-SE) Capability Production Document (CPD). Active duty requirements are similar to Air National Guard needs for the F-15C/D Air Sovereignty Alert (ASA) mission and are expanded to meet requirements found in the Initial Capability Document (ICD) for Counter Air/Counter Air Defensive.

Failure to acquire an advanced targeting pod capability will prevent ASA aircraft from properly and safely identifying and tracking targets of interest. These targets include low-slow, asymmetric, and maritime targets as tasked by NORAD/NORTHCOM in support of real-world homeland defense missions.

This is an FY 2013 new start.

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Exhibit P-3A, Individual Modification: PB 2013 Air Force								Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 2				P-1 Line Item Nomenclature: 37 - F-15 Mods				Modification Nomenclature (Modification Title, Modification Number): F-15C Passive Attack Sensor System - 8797					
Models of Systems Affected: F-15 C/D				Type Modification: Capability Improvement				Related RDT&E PEs: 0207130F					
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	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-15C Passive Attack Sensor System													
A Kits													
Recurring													
INSTALL KITS Group A (Active)	0	0.000	0	0.000	0	0.000	24	0.336	0	0.000	24	0.336	
INSTALL KITS Group A (Guard)	0	0.000	0	0.000	0	0.000	20	0.280	0	0.000	20	0.280	
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.616		0.000		0.616	
NonRecurring													
KITS NONRECUR Group A (Active)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	
KITS NONRECUR Group A (Guard)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		0.000	
B Kits													
Recurring													
EQUIPMENT Group B (Active)	0	0.000	0	0.000	0	0.000	24	2.040	0	0.000	24	2.040	
EQUIPMENT Group B (Guard)	0	0.000	0	0.000	0	0.000	20	1.700	0	0.000	20	1.700	
<i>Subtotal Recurring</i>		0.000		0.000		0.000		3.740		0.000		3.740	
NonRecurring													
EQUIP NONREC Group B (Active)	0	0.000	0	0.000	0	0.000	24	0.120	0	0.000	24	0.120	
EQUIP NONREC Group B (Guard)	0	0.000	0	0.000	0	0.000	20	0.100	0	0.000	20	0.100	
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.220		0.000		0.220	
Secondary Distribution													
Air Force Active	0	0.000	0	0.000	0	0.000	24	5.920	0	0.000	24	5.920	
Air National Guard	0	0.000	0	0.000	0	0.000	20	2.080	0	0.000	20	2.080	
<i>Total, F-15C Passive Attack Sensor System</i>	0	0.000	0	0.000	0	0.000	44	4.576	0	0.000	44	4.576	
<i>Total, All Modifications</i>		0.000		0.000		0.000		4.576		0.000		4.576	
Support													
CHANGE ORDERS	0	0.000	0	0.000	0	0.000	0	1.724	0	0.000	0	1.724	
DATA	0	0.000	0	0.000	0	0.000	0	0.300	0	0.000	0	0.300	

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 2	P-1 Line Item Nomenclature: 37 - F-15 Mods	Modification Nomenclature <i>(Modification Title, Modification Number):</i> F-15C Passive Attack Sensor System - 8797

Models of Systems Affected: F-15 C/D	Type Modification: Capability Improvement	Related RDT&E PEs: 0207130F
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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)
SIM/TRAINER	0	0.000	0	0.000	0	0.000	0	1.000	0	0.000	0	1.000
SUPPORT- EQUIP	0	0.000	0	0.000	0	0.000	0	0.200	0	0.000	0	0.200
ICS-Labor	0	0.000	0	0.000	0	0.000	0	0.100	0	0.000	0	0.100
ICS-Material	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
OTHER GOVT	0	0.000	0	0.000	0	0.000	0	0.010	0	0.000	0	0.010
PMA	0	0.000	0	0.000	0	0.000	0	0.090	0	0.000	0	0.090
<i>Total Support Cost</i>		<i>0.000</i>		<i>0.000</i>		<i>0.000</i>		<i>3.424</i>		<i>0.000</i>		<i>3.424</i>
<i>Procurement Cost (Procurement + Support)</i>		<i>0.000</i>		<i>0.000</i>		<i>0.000</i>		<i>8.000</i>		<i>0.000</i>		<i>8.000</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>0.000</i>
Total Cost (Procurement + Support + Installation)		0.000		0.000		0.000		8.000		0.000		8.000

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												
F-15C Passive Attack Sensor System												
A Kits												
Recurring												
INSTALL KITS Group A (Active)	24	0.336	44	0.616	27	0.378	0	0.000	0	0.000	119	1.666
INSTALL KITS Group A (Guard)	5	0.070	0	0.000	0	0.000	0	0.000	0	0.000	25	0.350
<i>Subtotal Recurring</i>		<i>0.406</i>		<i>0.616</i>		<i>0.378</i>		<i>0.000</i>		<i>0.000</i>		<i>2.016</i>
NonRecurring												
KITS NONRECUR Group A (Active)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
KITS NONRECUR Group A (Guard)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
<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>0.000</i>
B Kits												
Recurring												
EQUIPMENT Group B (Active)	24	2.040	44	3.740	27	2.295	0	0.000	0	0.000	119	10.115
EQUIPMENT Group B (Guard)	5	0.425	0	0.000	0	0.000	0	0.000	0	0.000	25	2.125

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Exhibit P-3A, Individual Modification: PB 2013 Air Force									Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 2				P-1 Line Item Nomenclature: 37 - F-15 Mods					Modification Nomenclature (Modification Title, Modification Number): F-15C Passive Attack Sensor System - 8797			
Models of Systems Affected: F-15 C/D			Type Modification: Capability Improvement				Related RDT&E PEs: 0207130F					
Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (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>		2.465		3.740		2.295		0.000		0.000		12.240
NonRecurring												
EQUIP NONREC Group B (Active)	24	0.120	44	0.078	27	0.154	0	0.000	0	0.000	119	0.472
EQUIP NONREC Group B (Guard)	5	0.025	0	0.000	0	0.000	0	0.000	0	0.000	25	0.125
<i>Subtotal NonRecurring</i>		0.145		0.078		0.154		0.000		0.000		0.597
Secondary Distribution												
Air Force Active	24	3.293	44	4.529	27	4.397	0	4.546	-	-	-	-
Air National Guard	5	0.520	0	0.000	0	0.000	0	0.000	-	-	-	-
<i>Total, F-15C Passive Attack Sensor System</i>	29	3.016	44	4.434	27	2.827	0	0.000	0	0.000	144	14.853
<i>Total, All Modifications</i>		3.016		4.434		2.827		0.000		0.000		14.853
Support												
CHANGE ORDERS	0	0.000	0	0.000	0	0.100	0	0.467	0	0.000	0	2.291
DATA	0	0.000	0	0.000	0	0.250	0	1.584	0	0.000	0	2.134
SIM/TRAINER	0	0.400	0	0.000	0	0.484	0	0.700	0	0.000	0	2.584
SUPPORT- EQUIP	0	0.102	0	0.000	0	0.240	0	1.100	0	0.000	0	1.642
ICS-Labor	0	0.050	0	0.000	0	0.050	0	0.250	0	0.000	0	0.450
ICS-Material	0	0.150	0	0.000	0	0.150	0	0.350	0	0.000	0	0.650
OTHER GOVT	0	0.020	0	0.020	0	0.221	0	0.020	0	0.000	0	0.291
PMA	0	0.075	0	0.075	0	0.075	0	0.075	0	0.000	0	0.390
<i>Total Support Cost</i>		0.797		0.095		1.570		4.546		0.000		10.432
<i>Procurement Cost (Procurement + Support)</i>		3.813		4.529		4.397		4.546		0.000		25.285
<i>Total Installation Cost</i>		0.387		0.255		0.387		0.238		0.000		1.267
Total Cost (Procurement + Support + Installation)		4.200		4.784		4.784		4.784		0.000		26.552
Remarks:												
Manufacturer Information: F-15C Passive Attack Sensor System												
Manufacturer Name: LM						Manufacturer Location: Warner Robins						
Administrative Leadtime (in Months): 3						Production Leadtime (in Months): 9						

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 2	P-1 Line Item Nomenclature: 37 - F-15 Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): F-15C Passive Attack Sensor System - 8797

Models of Systems Affected: F-15 C/D	Type Modification: Capability Improvement	Related RDT&E PEs: 0207130F
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Manufacturer Information: F-15C Passive Attack Sensor System

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

Installation: F-15C Passive Attack Sensor System **Method of Implementation:** Contract Field Team **Installation Name:**

Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ 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	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air National Guard	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air National Guard	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air National Guard	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air National Guard	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 2	P-1 Line Item Nomenclature: 37 - F-15 Mods	Modification Nomenclature <i>(Modification Title, Modification Number):</i> F-15C Passive Attack Sensor System - 8797

Models of Systems Affected: F-15 C/D	Type Modification: Capability Improvement	Related RDT&E PEs: 0207130F
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Installation: F-15C Passive Attack Sensor System	Method of Implementation: Contract Field Team	Installation Name:
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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	44	0.387	-	-	-	-	-	-	0	0.000	44	0.387
Secondary Distribution - Air Force Active	24	0.211	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air National Guard	20	0.176	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	29	0.255	-	-	-	-	0	0.000	29	0.255
Secondary Distribution - Air Force Active	-	-	24	0.211	-	-	-	-	-	-	-	-
Secondary Distribution - Air National Guard	-	-	5	0.044	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	44	0.387	-	-	0	0.000	44	0.387
Secondary Distribution - Air Force Active	-	-	-	-	44	0.387	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	27	0.238	0	0.000	27	0.238
Secondary Distribution - Air Force Active	-	-	-	-	-	-	27	0.238	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
Secondary Distribution - Air Force Active	0	0.000	0	0.000	0	0.000	0	0.000	-	-	-	-
Secondary Distribution - Air National Guard	0	0.000	0	0.000	-	-	-	-	-	-	-	-
Total	44	0.387	29	0.255	44	0.387	27	0.238	0	0.000	144	1.267
Secondary Distribution - Air Force Active	24	0.211	24	0.211	44	0.387	27	0.238	-	-	-	-
Secondary Distribution - Air National Guard	20	0.176	5	0.044	-	-	-	-	-	-	-	-

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	0	0	0	0	0	0	0	0	0	0	0	11	11	11	11	11	6	6	6	11	11	11	11	9	9	9	0	0	144
Out	0	0	0	0	0	0	0	0	0	0	0	0	0	11	11	11	11	11	6	6	6	11	11	11	11	9	9	9	0	0	144

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

Appropriation / Budget Activity / Budget Sub Activity: 3010F : Aircraft Procurement, Air Force / BA 5 : Modification of Inservice Aircraft / BSA 2 : Tactical Aircraft	P-1 Line Item Nomenclature: 38 - F-16 Mods
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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)	1,511.294	166.265	56.746	6.896	-	6.896	21.515	19.020	33.664	301.924	1,837.040	3,954.364
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	1,511.294	166.265	56.746	6.896	-	6.896	21.515	19.020	33.664	301.924	1,837.040	3,954.364
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	1,511.294	166.265	56.746	6.896	-	6.896	21.515	19.020	33.664	301.924	1,837.040	3,954.364

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

Description:

The F-16 is a multi-role fighter capable of employing a wide variety of nuclear and conventional weapons and missiles in both the air-to-surface and air-to-air mission areas. The specific modifications budgeted and programmed are below.

Item Schedule		ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
F-16 (See enclosed P-40A)	P40A				1,511.294			166.265			56.746			6.896			0.000			6.896
Total Gross/Weapon System Cost					1,511.294			166.265			56.746			6.896			-			6.896

*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:

With the exception of modifications listed in the P-40A, justification for individual modifications is provided in the P-3A exhibits.

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 2 **P-1 Line Item Nomenclature:** 38 - F-16 Mods **Aggregated Item Name:** F-16

Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
(Uncategorized)																			
1 - MMC Upgrade 7000A		-	528	117.500	-	97	17.078	-	0	0.521	-	0	0.000	-	0	0.000	-	0	0.000
<i>Secondary Distribution</i>																			
Air Force Active			411	108.726		73	15.007		0	0.521		0	0.000		0	0.000		0	0.000
Air National Guard			117	8.774		24	2.071		0	0.000		0	0.000		0	0.000		0	0.000
2 - FALCON STAR		-	999	367.069	-	41	30.398	-	30	22.869	-	0	2.694	-	0	0.000	-	0	2.694
<i>Secondary Distribution</i>																			
Air Force Active			603	229.001		25	18.765		18	15.506		0	1.674		0	0.000		0	1.674
Air National Guard			338	117.789		14	10.050		10	6.551		0	0.340		0	0.000		0	0.340
Air Force Reserve			58	20.279		2	1.583		2	0.812		0	0.680		0	0.000		0	0.680
3 - F-16 LEGACY STRUCTURAL SLEP		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.000		0	0.000		0	0.000
4 - EMBEDDED GPS/INS (EGI)		-	528	42.717	-	97	17.717	-	0	9.105	-	0	0.000	-	0	0.000	-	0	0.000
<i>Secondary Distribution</i>																			
Air Force Active			411	35.420		73	11.709		0	8.059		0	0.000		0	0.000		0	0.000
Air National Guard			117	7.297		24	6.008		0	1.046		0	0.000		0	0.000		0	0.000
5 - Mode 5 Identification		-	0	0.000	-	246	45.600	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		218	40.547		0	0.000		0	0.000		0	0.000		0	0.000
Air National Guard			0	0.000		28	5.053		0	0.000		0	0.000		0	0.000		0	0.000
6 - MODE S IDENTIFICATION		-	392	35.336	-	0	5.955	-	0	3.560	-	0	0.000	-	0	0.000	-	0	0.000
<i>Secondary Distribution</i>																			
Air Force Active			300	28.512		0	3.652		0	2.734		0	0.000		0	0.000		0	0.000
Air National Guard			92	6.824		0	2.303		0	0.826		0	0.000		0	0.000		0	0.000
7 - BLK 40/50 SECURE LINE OF SIGHT RADIO		-	539	78.100	-	0	1.151	-	0	0.843	-	0	0.301	-	0	0.000	-	0	0.301
<i>Secondary Distribution</i>																			

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 2 **P-1 Line Item Nomenclature:** 38 - F-16 Mods **Aggregated Item Name:** F-16

Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Air Force Active			412	58.254		0	1.151		0	0.445		0	0.301		0	0.000		0	0.301
Air National Guard			127	19.846		0	0.000		0	0.398		0	0.000		0	0.000		0	0.000
8 - BLK 40/50 BEYOND LINE OF SIGHT RADIO		-	453	67.692	-	85	9.782	-	0	6.513	-	0	0.000	-	0	0.000	-	0	0.000
<i>Secondary Distribution</i>																			
Air Force Active			348	53.654		63	6.459		0	5.222		0	0.000		0	0.000		0	0.000
Air National Guard			105	14.038		22	3.323		0	1.291		0	0.000		0	0.000		0	0.000
Air Force Reserve			0	0.000		0	0.000		0	0.000		0	0.000		0	0.000		0	0.000
9 - BLK 30 SECURE LINE OF SIGHT RADIO		-	251	23.613	-	0	0.526	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000
<i>Secondary Distribution</i>																			
Air Force Active			0	3.081		0	0.333		0	0.000		0	0.000		0	0.000		0	0.000
Air National Guard			235	19.310		0	0.193		0	0.000		0	0.000		0	0.000		0	0.000
Air Force Reserve			16	1.222		0	0.000		0	0.000		0	0.000		0	0.000		0	0.000
10 - BLK 30 BEYOND LINE OF SIGHT RADIO		-	181	25.120	-	27	6.997	-	0	1.900	-	0	0.000	-	0	0.000	-	0	0.000
<i>Secondary Distribution</i>																			
Air Force Active			0	4.369		0	0.620		0	0.327		0	0.000		0	0.000		0	0.000
Air National Guard			148	17.752		27	5.510		0	1.573		0	0.000		0	0.000		0	0.000
Air Force Reserve			33	2.999		0	0.867		0	0.000		0	0.000		0	0.000		0	0.000
11 - DIGITAL FLIGHT CONTROL COMPUTER		-	1,226	3.465	-	408	1.251	-	652	2.027	-	302	0.969	-	0	0.000	-	302	0.969
<i>Secondary Distribution</i>																			
Air Force Active			957	3.091		318	0.977		509	1.582		236	0.756		0	0.000		236	0.756
Air National Guard			269	0.374		90	0.274		143	0.445		66	0.213		0	0.000		66	0.213
12 - ADVANCED DATA TRANSFER EQUIPMENT		-	206	16.255	-	434	16.044	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000
<i>Secondary Distribution</i>																			
Air Force Active			206	16.255		293	10.605		0	0.000		0	0.000		0	0.000		0	0.000

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 2 **P-1 Line Item Nomenclature:** 38 - F-16 Mods **Aggregated Item Name:** F-16

Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Air National Guard			0	0.000		141	5.439		0	0.000		0	0.000		0	0.000		0	0.000
13 - ON BOARD OXYGEN GENERATION SYSTEM (OBOGS)		-	224	39.101	-	0	3.541	-	0	4.696	-	0	1.435	-	0	0.000	-	0	1.435
<i>Secondary Distribution</i>																			
Air Force Active			176	33.176		0	3.541		0	4.696		0	1.435		0	0.000		0	1.435
Air National Guard			48	5.925		0	0.000		0	0.000		0	0.000		0	0.000		0	0.000
14 - JOINT HELMET MOUNTED CUEING SYS - CCIP		-	643	265.857	-	0	1.014	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000
<i>Secondary Distribution</i>																			
Air Force Active			552	233.685		0	1.014		0	0.000		0	0.000		0	0.000		0	0.000
Air National Guard			91	32.172		0	0.000		0	0.000		0	0.000		0	0.000		0	0.000
15 - Situational Awareness Data Link (SADL)		-	18	0.585	-	0	1.755	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000
<i>Secondary Distribution</i>																			
Air Force Active			18	0.585		0	1.755		0	0.000		0	0.000		0	0.000		0	0.000
16 - Link 16 Crypto		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.000		0	0.000		0	0.000
Air National Guard			0	0.000		0	0.000		0	0.000		0	0.000		0	0.000		0	0.000
17 - COMBAT AVIONICS PROGRAM EXTENSION SUITE		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.000		0	0.000		0	0.000
Air National Guard			0	0.000		0	0.000		0	0.000		0	0.000		0	0.000		0	0.000
18 - AETC MTD UPGRADES-FIELD TRAINING DETACHMENTS		-	0	78.264	-	0	2.676	-	0	3.561	-	0	0.686	-	0	0.000	-	0	0.686
<i>Secondary Distribution</i>																			

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 2 **P-1 Line Item Nomenclature:** 38 - F-16 Mods **Aggregated Item Name:** F-16

Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Air Force Active			0	78.264		0	2.676		0	3.561		0	0.686		0	0.000		0	0.686
19 - MISC ENGINE UPDATE MODS		-	0	13.510	-	0	2.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000
<i>Secondary Distribution</i>																			
Air Force Active			0	13.510		0	2.000		0	0.000		0	0.000		0	0.000		0	0.000
20 - LOW COST MODIFICATIONS		-	0	13.555	-	0	2.000	-	0	0.006	-	0	0.060	-	0	0.000	-	0	0.060
<i>Secondary Distribution</i>																			
Air Force Active			0	13.555		0	2.000		0	0.006		0	0.060		0	0.000		0	0.060
21 - F110 ENGINE SERVICE LIFE EXTENSION PROGRAM (SLEP)		-	845	323.555	-	2	0.780	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000
<i>Secondary Distribution</i>																			
Air Force Active			498	201.195		1	0.390		0	0.000		0	0.000		0	0.000		0	0.000
Air National Guard			279	98.385		1	0.390		0	0.000		0	0.000		0	0.000		0	0.000
Air Force Reserve			68	23.975		0	0.000		0	0.000		0	0.000		0	0.000		0	0.000
22 - F-110 Engine Fire Seal Mod		-	0	0.000	-	0	0.000	-	256	1.145	-	256	0.751	-	0	0.000	-	256	0.751
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		153	0.944		153	0.550		0	0.000		153	0.550
Air National Guard			0	0.000		0	0.000		83	0.162		83	0.162		0	0.000		83	0.162
Air Force Reserve			0	0.000		0	0.000		20	0.039		20	0.039		0	0.000		20	0.039
<i>Uncategorized Subtotal</i>				1,511.294			166.265			56.746			6.896			0.000			6.896
Total				1,511.294			166.265			56.746			6.896			0.000			6.896

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force															Date: February 2012				
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 2					P-1 Line Item Nomenclature: 38 - F-16 Mods					Aggregated Item Name: F-16									
Items († indicates the presence of a P-5A)	ID CD	FY 2014			FY 2015			FY 2016			FY 2017			To Complete			Total		
		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
(Uncategorized)																			
1 - MMC Upgrade 7000A		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	625	135.099
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.000						
Air National Guard			0	0.000		0	0.000		0	0.000		0	0.000						
2 - FALCON STAR		-	0	6.541	-	0	4.360	-	0	0.000	-	0	0.000	-	0	0.000	-	1,070	433.931
<i>Secondary Distribution</i>																			
Air Force Active			0	2.801		0	4.360		0	0.000		0	0.000						
Air National Guard			0	3.400		0	0.000		0	0.000		0	0.000						
Air Force Reserve			0	0.340		0	0.000		0	0.000		0	0.000						
3 - F-16 LEGACY STRUCTURAL SLEP		-	0	0.000	-	0	0.000	-	30	19.800	-	48	93.800	-	218	531.440	-	296	645.040
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		30	19.800		48	93.800						
4 - EMBEDDED GPS/INS (EGI)		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	625	69.539
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.000						
Air National Guard			0	0.000		0	0.000		0	0.000		0	0.000						
5 - Mode 5 Identification		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	246	45.600
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.000						
Air National Guard			0	0.000		0	0.000		0	0.000		0	0.000						
6 - MODE S IDENTIFICATION		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	392	44.851
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.000						
Air National Guard			0	0.000		0	0.000		0	0.000		0	0.000						
7 - BLK 40/50 SECURE LINE OF SIGHT RADIO		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	539	80.395
<i>Secondary Distribution</i>																			

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 2 **P-1 Line Item Nomenclature:** 38 - F-16 Mods **Aggregated Item Name:** F-16

Items († indicates the presence of a P-5A)	ID CD	FY 2014			FY 2015			FY 2016			FY 2017			To Complete			Total		
		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.000						
Air National Guard			0	0.000		0	0.000		0	0.000		0	0.000						
8 - BLK 40/50 BEYOND LINE OF SIGHT RADIO		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	538	83.987
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.000						
Air National Guard			0	0.000		0	0.000		0	0.000		0	0.000						
Air Force Reserve			0	0.000		0	0.000		0	0.000		0	0.000						
9 - BLK 30 SECURE LINE OF SIGHT RADIO		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	251	24.139
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.000						
Air National Guard			0	0.000		0	0.000		0	0.000		0	0.000						
Air Force Reserve			0	0.000		0	0.000		0	0.000		0	0.000						
10 - BLK 30 BEYOND LINE OF SIGHT RADIO		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	208	34.017
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.000						
Air National Guard			0	0.000		0	0.000		0	0.000		0	0.000						
Air Force Reserve			0	0.000		0	0.000		0	0.000		0	0.000						
11 - DIGITAL FLIGHT CONTROL COMPUTER		-	298	0.954	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	2,886	8.666
<i>Secondary Distribution</i>																			
Air Force Active			233	0.745		0	0.000		0	0.000		0	0.000						
Air National Guard			65	0.209		0	0.000		0	0.000		0	0.000						
12 - ADVANCED DATA TRANSFER EQUIPMENT		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	640	32.299
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.000						

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 2 **P-1 Line Item Nomenclature:** 38 - F-16 Mods **Aggregated Item Name:** F-16

Items († indicates the presence of a P-5A)	ID CD	FY 2014			FY 2015			FY 2016			FY 2017			To Complete			Total		
		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Air National Guard			0	0.000		0	0.000		0	0.000		0	0.000						
13 - ON BOARD OXYGEN GENERATION SYSTEM (OBOGS)		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	224	48.773
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.000						
Air National Guard			0	0.000		0	0.000		0	0.000		0	0.000						
14 - JOINT HELMET MOUNTED CUEING SYS - CCIP		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	643	266.871
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.000						
Air National Guard			0	0.000		0	0.000		0	0.000		0	0.000						
15 - Situational Awareness Data Link (SADL)		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	18	2.340
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.000						
16 - Link 16 Crypto		-	162	7.681	-	162	7.779	-	156	7.515	-	158	7.648	-	0	0.000	-	638	30.623
<i>Secondary Distribution</i>																			
Air Force Active			125	5.927		125	6.002		125	6.041		125	6.031						
Air National Guard			37	1.754		37	1.777		31	1.474		33	1.617						
17 - COMBAT AVIONICS PROGRAM EXTENSION SUITE		-	0	0.000	-	0	0.000	-	0	0.000	-	30	194.500	-	263	1,305.600	-	293	1,500.100
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		21	154.120						
Air National Guard			0	0.000		0	0.000		0	0.000		9	40.380						
18 - AETC MTD UPGRADES-FIELD TRAINING DETACHMENTS		-	0	5.450	-	0	6.111	-	0	5.234	-	0	5.319	-	0	0.000	-	0	107.301
<i>Secondary Distribution</i>																			

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 2 **P-1 Line Item Nomenclature:** 38 - F-16 Mods **Aggregated Item Name:** F-16

Items († indicates the presence of a P-5A)	ID CD	FY 2014			FY 2015			FY 2016			FY 2017			To Complete			Total		
		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Air Force Active			0	5.450		0	6.111		0	5.234		0	5.319						
19 - MISC ENGINE UPDATE MODS		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	15.510
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.000						
20 - LOW COST MODIFICATIONS		-	0	0.218	-	0	0.720	-	0	1.115	-	0	0.657	-	0	0.000	-	0	18.331
<i>Secondary Distribution</i>																			
Air Force Active			0	0.218		0	0.720		0	1.115		0	0.657						
21 - F110 ENGINE SERVICE LIFE EXTENSION PROGRAM (SLEP)		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	847	324.335
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.000						
Air National Guard			0	0.000		0	0.000		0	0.000		0	0.000						
Air Force Reserve			0	0.000		0	0.000		0	0.000		0	0.000						
22 - F-110 Engine Fire Seal Mod		-	163	0.671	-	0	0.050	-	0	0.000	-	0	0.000	-	0	0.000	-	675	2.617
<i>Secondary Distribution</i>																			
Air Force Active			97	0.540		0	0.050		0	0.000		0	0.000						
Air National Guard			54	0.107		0	0.000		0	0.000		0	0.000						
Air Force Reserve			12	0.024		0	0.000		0	0.000		0	0.000						
<i>Uncategorized Subtotal</i>				21.515			19.020			33.664			301.924			0.000			3,954.364
Total				21.515			19.020			33.664			301.924			1,837.040			3,954.364

Remarks:

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

Appropriation / Budget Activity / Budget Sub Activity:
3010F : Aircraft Procurement, Air Force / BA 5 : Modification of Inservice Aircraft / BSA 2 : Tactical Aircraft

P-1 Line Item Nomenclature:
39 - F-22 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)	1,043.409	435.321	232.032	283.871	-	283.871	291.741	248.001	282.249	329.775	340.384	3,486.783
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	1,043.409	435.321	232.032	283.871	-	283.871	291.741	248.001	282.249	329.775	340.384	3,486.783
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	1,043.409	435.321	232.032	283.871	-	283.871	291.741	248.001	282.249	329.775	340.384	3,486.783

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

Description:

The F/A-22 program is the next generation multi-mission air superiority fighter to counter emerging worldwide threats. The F/A-22 is designed to penetrate enemy airspace and achieve a first-look, first-kill capability against multiple targets. The primary modification budgeted in FY13 is the Reliability and Maintainability Maturation Program. The specific modifications budgeted and programmed are below.

Item Schedule		ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
F-22 (See enclosed P-40A)	P40A				12.137			1.876			2.627			2.836			0.000			2.836
COMMON CONFIGURATION - 1	P3A		-	-	438.502	-	-	224.030	-	-	6.125	-	-	11.600	-	-	-	-	-	11.600
INCREMENT3.1 - 2	P3A		-	-	114.002	-	-	33.637	-	-	58.700	-	-	33.858	-	-	-	-	-	33.858
Reliability and Maintainability Maturation Program - 3	P3A		-	-	445.616	-	-	93.577	-	-	97.104	-	-	114.465	-	-	-	-	-	114.465
F119 Engine Modifications - 4	P3A		-	-	8.664	-	-	18.370	-	-	12.976	-	-	33.066	-	-	-	-	-	33.066
Arresting Gear System - 5	P3A		-	-	-	-	-	-	-	-	-	-	-	2.604	-	-	-	-	-	2.604
Structures Retrofit Plan - 6	P3A		-	-	16.559	-	-	60.098	-	-	54.500	-	-	60.361	-	-	-	-	-	60.361
Trainers Modernization - 7	P3A		-	-	7.929	-	-	3.733	-	-	-	-	-	25.081	-	-	-	-	-	25.081
Total Gross/Weapon System Cost					1,043.409			435.321			232.032			283.871			-			283.871

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

Appropriation / Budget Activity / Budget Sub Activity:
3010F : Aircraft Procurement, Air Force / BA 5 : Modification of Inservice Aircraft / BSA 2 : Tactical Aircraft

P-1 Line Item Nomenclature:
39 - F-22 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 (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
F-22 (See enclosed P-40A)	P40A				1.241			3.485			106.889			109.670			311.530			552.291
COMMON CONFIGURATION - 1	P3A		-	-	3.511	-	-	8.442	-	-	16.100	-	-	-	-	-	-	-	-	708.310
INCREMENT3.1 - 2	P3A		-	-	14.702	-	-	16.044	-	-	13.597	-	-	1.580	-	-	-	-	-	286.120
Reliability and Maintainability Maturation Program - 3	P3A		-	-	116.288	-	-	107.231	-	-	66.555	-	-	142.097	-	-	-	-	-	1,182.933
F119 Engine Modifications - 4	P3A		-	-	67.111	-	-	68.225	-	-	65.408	-	-	70.962	-	-	27.604	-	-	372.386
Arresting Gear System - 5	P3A		-	-	5.432	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.036
Structures Retrofit Plan - 6	P3A		-	-	60.457	-	-	34.750	-	-	10.896	-	-	3.113	-	-	1.250	-	-	301.984
Trainers Modernization - 7	P3A		-	-	22.999	-	-	9.824	-	-	2.804	-	-	2.353	-	-	-	-	-	74.723
Total Gross/Weapon System Cost					291.741			248.001			282.249			329.775			340.384			3,486.783

*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:
With the exception of modifications listed in the P-40A, justification for individual modifications is provided in the P-3A exhibits.

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 2 **P-1 Line Item Nomenclature:** 39 - F-22 Mods **Aggregated Item Name:** F-22

Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
(Uncategorized)																			
1 - Low Cost Mod Weapon System		-	0	11.572	-	0	1.876	-	0	1.217	-	0	0.000	-	0	0.000	-	0	0.000
<i>Secondary Distribution</i>																			
Air Force Active			0	11.572		0	1.876		0	1.217		0	0.000		0	0.000		0	0.000
2 - INCREMENT 3.2B		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.000		0	0.000		0	0.000
Air National Guard			0	0.000		0	0.000		0	0.000		0	0.000		0	0.000		0	0.000
3 - Crypto Modernization		-	65	0.565	-	0	0.000	-	0	1.410	-	755	2.836	-	0	0.000	-	755	2.836
<i>Secondary Distribution</i>																			
Air Force Active			65	0.565		0	0.000		0	1.410		655	2.438		0	0.000		655	2.438
Air National Guard			0	0.000		0	0.000		0	0.000		100	0.398		0	0.000		100	0.398
<i>Uncategorized Subtotal</i>																			
				12.137			1.876			2.627			2.836			0.000			2.836
Total				12.137			1.876			2.627			2.836			0.000			2.836

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 2 **P-1 Line Item Nomenclature:** 39 - F-22 Mods **Aggregated Item Name:** F-22

Items († indicates the presence of a P-5A)	ID CD	FY 2014			FY 2015			FY 2016			FY 2017			To Complete			Total		
		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
<i>(Uncategorized)</i>																			
1 - Low Cost Mod Weapon System		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	14.665
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.000						
2 - INCREMENT 3.2B		-	0	0.000	-	0	0.000	-	35	103.648	-	36	108.259	-	72	311.530	-	143	523.437
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		35	103.648		36	108.259						
Air National Guard			0	0.000		0	0.000		0	0.000		0	0.000						
3 - Crypto Modernization		-	0	1.241	-	555	3.485	-	565	3.241	-	0	1.411	-	0	0.000	-	1,940	14.189
<i>Secondary Distribution</i>																			
Air Force Active			0	1.241		555	3.485		565	3.241		0	1.411						
Air National Guard			0	0.000		0	0.000		0	0.000		0	0.000						
<i>Uncategorized Subtotal</i>				1.241			3.485			106.889			109.670			0.000			552.291
Total				1.241			3.485			106.889			109.670			311.530			552.291

Remarks:

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Exhibit P-3A, Individual Modification: PB 2013 Air Force							Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 2				P-1 Line Item Nomenclature: 39 - F-22 Mods				Modification Nomenclature (<i>Modification Title, Modification Number</i>): COMMON CONFIGURATION - 1				

Models of Systems Affected: F-22A			Type Modification: Capability Improvement					Related RDT&E PEs: 0207138F				
--	--	--	--	--	--	--	--	--	--	--	--	--

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)	438.502	224.030	6.125	11.600	-	11.600	3.511	8.442	16.100	-	-	708.310
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	438.502	224.030	6.125	11.600	-	11.600	3.511	8.442	16.100	-	-	708.310
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	438.502	224.030	6.125	11.600	-	11.600	3.511	8.442	16.100	-	-	708.310

(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 Millions)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The F-22 Common Configuration Program is the cornerstone of the F-22 Fleet Modernization Program. The purpose of Common Configuration is to enable each individual F-22 aircraft to provide the greatest combat capability possible given its production configuration. Additionally, Common Configuration upgrades increase the F-22 fleet combat capability, increase operational availability, and improve supportability. Common Configuration also includes Mission Support Requirements.

The quantity of common configuration installs planned in a given year is the product of the depot flow plan, which is scheduled in order to create synergies between mods and to reduce the number and time aircraft are down.

Kit installations are done either at the depot or organization level depending on the complexity of the effort.

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Exhibit P-3A, Individual Modification: PB 2013 Air Force										Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 2					P-1 Line Item Nomenclature: 39 - F-22 Mods					Modification Nomenclature (<i>Modification Title, Modification Number</i>): COMMON CONFIGURATION - 1			
Models of Systems Affected: F-22A				Type Modification: Capability Improvement				Related RDT&E PEs: 0207138F					
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
RDT&E PE #													
0207138F	0	40.852	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	
Procurement													
COMMON CONFIGURATION													
B Kits													
Recurring													
EQUIPMENT Group B (Active)	61	322.518	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	
EQUIPMENT Group B (Guard)	2	27.400	18	222.300	0	0.000	0	0.000	0	0.000	0	0.000	
EQUIPMENT Group B (Reserve)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	
<i>Subtotal Recurring</i>		349.918		222.300		0.000		0.000		0.000		0.000	
NonRecurring													
EQUIP NONREC Group B (Active)	0	83.364	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	
<i>Subtotal NonRecurring</i>		83.364		0.000		0.000		0.000		0.000		0.000	
Secondary Distribution													
Air Force Active	61	405.882	0	0.000	0	0.000	0	0.290	0	0.000	0	0.290	
Air National Guard	2	27.400	18	222.300	0	0.000	0	0.000	0	0.000	0	0.000	
Air Force Reserve	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	
<i>Total, COMMON CONFIGURATION</i>	63	433.282	18	222.300	0	0.000	0	0.000	0	0.000	0	0.000	
<i>Total, All Modifications</i>		433.282		222.300		0.000		0.000		0.000		0.000	
Support													
PMA	0	0.000	0	0.000	0	0.000	0	0.290	0	0.000	0	0.290	
<i>Total Support Cost</i>		0.000		0.000		0.000		0.290		0.000		0.290	
<i>Procurement Cost (Procurement + Support)</i>		433.282		222.300		0.000		0.290		0.000		0.290	
<i>Total Installation Cost</i>		5.220		1.730		6.125		11.310		0.000		11.310	
Total Cost (Procurement + Support + Installation)		438.502		224.030		6.125		11.600		0.000		11.600	
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)	
RDT&E PE #													

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Exhibit P-3A, Individual Modification: PB 2013 Air Force									Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 2				P-1 Line Item Nomenclature: 39 - F-22 Mods					Modification Nomenclature (<i>Modification Title, Modification Number</i>): COMMON CONFIGURATION - 1			
Models of Systems Affected: F-22A			Type Modification: Capability Improvement				Related RDT&E PEs: 0207138F					
Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
0207138F	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	40.852
Procurement												
COMMON CONFIGURATION												
B Kits												
Recurring												
EQUIPMENT Group B (Active)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	61	322.518
EQUIPMENT Group B (Guard)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	20	249.700
EQUIPMENT Group B (Reserve)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
<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>572.218</i>
NonRecurring												
EQUIP NONREC Group B (Active)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	83.364
<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>83.364</i>
Secondary Distribution												
Air Force Active	0	0.761	0	0.522	0	0.000	0	0.000	-	-	-	-
Air National Guard	0	0.000	0	0.000	0	0.000	0	0.000	-	-	-	-
Air Force Reserve	0	0.000	0	0.000	0	0.000	0	0.000	-	-	-	-
<i>Total, COMMON CONFIGURATION</i>	<i>0</i>	<i>0.000</i>	<i>0</i>	<i>0.000</i>	<i>0</i>	<i>0.000</i>	<i>0</i>	<i>0.000</i>	<i>0</i>	<i>0.000</i>	<i>81</i>	<i>655.582</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>655.582</i>
Support												
PMA	0	0.761	0	0.522	0	0.000	0	0.000	0	0.000	0	1.573
<i>Total Support Cost</i>		<i>0.761</i>		<i>0.522</i>		<i>0.000</i>		<i>0.000</i>		<i>0.000</i>		<i>1.573</i>
<i>Procurement Cost (Procurement + Support)</i>		<i>0.761</i>		<i>0.522</i>		<i>0.000</i>		<i>0.000</i>		<i>0.000</i>		<i>657.155</i>
<i>Total Installation Cost</i>		<i>2.750</i>		<i>7.920</i>		<i>16.100</i>		<i>0.000</i>		<i>0.000</i>		<i>51.155</i>
Total Cost (Procurement + Support + Installation)		3.511		8.442		16.100		0.000		0.000		708.310
Remarks:												
Manufacturer Information: COMMON CONFIGURATION												
Manufacturer Name: Lockheed Martin						Manufacturer Location: Palmdale/Hill AFB						
Administrative Leadtime (in Months): 3						Production Leadtime (in Months): 31						

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Exhibit P-3A, Individual Modification: PB 2013 Air Force								Date: February 2012				
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 2				P-1 Line Item Nomenclature: 39 - F-22 Mods				Modification Nomenclature (<i>Modification Title, Modification Number</i>): COMMON CONFIGURATION - 1				
Models of Systems Affected: F-22A			Type Modification: Capability Improvement				Related RDT&E PEs: 0207138F					
Manufacturer Information: COMMON CONFIGURATION												
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017					
Contract Dates	Aug 2011											
Delivery Dates	Mar 2014											
Installation: COMMON CONFIGURATION												
Method of Implementation: Combination						Installation Name:						
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	18	5.220	12	1.730	10	6.125	21	11.310	-	-	21	11.310
Secondary Distribution - Air Force Active	18	5.220	12	1.730	10	6.125	21	11.310	-	-	21	11.310
Secondary Distribution - Air National Guard	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air National Guard	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	0	0.000	0	0.000	0	0.000	0	0.000	-	-	0	0.000
Secondary Distribution - Air Force Active	0	0.000	0	0.000	0	0.000	0	0.000	-	-	0	0.000
Secondary Distribution - Air National Guard	-	-	-	-	-	-	-	-	-	-	-	-
Total	18	5.220	12	1.730	10	6.125	21	11.310	-	-	21	11.310
Secondary Distribution - Air Force Active	18	5.220	12	1.730	10	6.125	21	11.310	-	-	21	11.310
Secondary Distribution - Air National Guard	-	-	-	-	-	-	-	-	-	-	-	-
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	2	2.750	-	-	-	-	-	-	0	0.000	63	27.135
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air National Guard	2	2.750	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	6	7.920	12	16.100	-	-	0	0.000	18	24.020

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 2		P-1 Line Item Nomenclature: 39 - F-22 Mods
Models of Systems Affected: F-22A		Modification Nomenclature (Modification Title, Modification Number): COMMON CONFIGURATION - 1
Type Modification: Capability Improvement		Related RDT&E PEs: 0207138F

Installation: COMMON CONFIGURATION	Method of Implementation: Combination	Installation Name:
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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)
Secondary Distribution - Air National Guard	-	-	6	7.920	12	16.100	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	0	0.000	0	0.000	0	0.000	-	-	0	0.000	0	0.000
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air National Guard	0	0.000	0	0.000	0	0.000	-	-	-	-	-	-
Total	2	2.750	6	7.920	12	16.100	-	-	0	0.000	81	51.155
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air National Guard	2	2.750	6	7.920	12	16.100	-	-	-	-	-	-

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	18	2	2	2	2	4	3	3	4	1	7	8	5	0	1	1	0	0	0	2	4	3	5	2	2	0	0	0	0	0	81
Out	18	2	2	2	2	4	3	3	3	1	4	7	8	1	1	1	1	0	0	0	4	4	3	3	2	0	2	0	0	0	81

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 2	P-1 Line Item Nomenclature: 39 - F-22 Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): INCREMENT3.1 - 2

Models of Systems Affected: F-22	Type Modification: Capability Improvement	Related RDT&E PEs: 0207138F
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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)	114.002	33.637	58.700	33.858	-	33.858	14.702	16.044	13.597	1.580	-	286.120
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	114.002	33.637	58.700	33.858	-	33.858	14.702	16.044	13.597	1.580	-	286.120
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	114.002	33.637	58.700	33.858	-	33.858	14.702	16.044	13.597	1.580	-	286.120

(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 Millions)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

Increment 3.1 hardware modifications enable the F-22 to host Increment 3.1 capabilities including retargeting Joint Direct Attack Munitions (JDAM), carriage and delivery of the Small Diameter Bomb (SDB) on preplanned missions using the Joint Mission Planning System (JMPS), using Synthetic Aperture Radar (SAR) Air-to-Ground radar mode to permit attack of emerging targets, and saving SAR imagery onto the Tactical Data Transfer System (TDTS) for post-mission analysis.

Increment 3.1 modernizes F-22 aircraft with Enhanced Central Integrated Processor (ECIP) cards, a new Map Inter-Face (MIF) board for the 4th generation APG-77VI radar, a modification to the GPS Inertial Navigation System (GINS), and a TDTS.

Installation of these kits is done either at the depot or organization level depending on the complexity of the effort.

Increment 3.1 also includes Mission Support Requirements.

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Exhibit P-3A, Individual Modification: PB 2013 Air Force									Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 2			P-1 Line Item Nomenclature: 39 - F-22 Mods						Modification Nomenclature (<i>Modification Title, Modification Number</i>): INCREMENT3.1 - 2			
Models of Systems Affected: F-22			Type Modification: Capability Improvement				Related RDT&E PEs: 0207138F					
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
RDT&E PE #												
0207138F	0	629.918	0	10.067	0	0.000	0	0.000	0	0.000	0	0.000
Procurement												
INCREMENT3.1												
A Kits												
Recurring												
INSTALL KITS Group A (Active)	0	1.430	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
<i>Subtotal Recurring</i>		1.430		0.000		0.000		0.000		0.000		0.000
NonRecurring												
KITS NONRECUR Group A (Guard)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		0.000
B Kits												
Recurring												
EQUIPMENT Group B (Active)	68	104.155	32	31.728	23	34.008	0	0.000	0	0.000	0	0.000
EQUIPMENT Group B (Guard)	0	0.000	0	0.000	9	13.307	11	16.400	0	0.000	11	16.400
<i>Subtotal Recurring</i>		104.155		31.728		47.315		16.400		0.000		16.400
NonRecurring												
EQUIP NONREC Group B (Active)	0	5.778	0	0.000	0	3.659	0	0.000	0	0.000	0	0.000
EQUIP NONREC Group B (Guard)	0	0.000	0	0.000	0	0.000	0	0.400	0	0.000	0	0.400
<i>Subtotal NonRecurring</i>		5.778		0.000		3.659		0.400		0.000		0.400
Secondary Distribution												
Air Force Active	68	114.002	32	31.772	23	37.667	0	8.158	0	0.000	0	8.158
Air National Guard	0	0.000	0	0.000	9	13.307	11	16.800	0	0.000	11	16.800
<i>Total, INCREMENT3.1</i>	68	111.363	32	31.728	32	50.974	11	16.800	0	0.000	11	16.800
<i>Total, All Modifications</i>		111.363		31.728		50.974		16.800		0.000		16.800
Support												
CHANGE ORDERS	0	0.000	0	0.000	0	0.000	0	1.300	0	0.000	0	1.300
DATA	0	0.000	0	0.000	0	0.000	0	0.900	0	0.000	0	0.900
SIM/TRAINER	10	2.639	3	0.044	0	0.000	7	1.800	0	0.000	7	1.800

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 2	P-1 Line Item Nomenclature: 39 - F-22 Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): INCREMENT3.1 - 2

Models of Systems Affected: F-22	Type Modification: Capability Improvement	Related RDT&E PEs: 0207138F										
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (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- EQUIP	0	0.000	0	0.000	0	0.000	0	3.400	0	0.000	0	3.400
PMA	0	0.000	0	0.000	0	0.000	0	0.758	0	0.000	0	0.758
<i>Total Support Cost</i>		2.639		0.044		0.000		8.158		0.000		8.158
<i>Procurement Cost (Procurement + Support)</i>		114.002		31.772		50.974		24.958		0.000		24.958
<i>Total Installation Cost</i>		0.000		1.865		7.726		8.900		0.000		8.900
Total Cost (Procurement + Support + Installation)		114.002		33.637		58.700		33.858		0.000		33.858

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)
RDT&E PE #												
0207138F	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	639.985
Procurement												
INCREMENT3.1												
A Kits												
Recurring												
INSTALL KITS Group A (Active)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	1.430
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		1.430
NonRecurring												
KITS NONRECUR Group A (Guard)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		0.000
B Kits												
Recurring												
EQUIPMENT Group B (Active)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	123	169.891
EQUIPMENT Group B (Guard)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	20	29.707
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		199.598
NonRecurring												
EQUIP NONREC Group B (Active)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	9.437
EQUIP NONREC Group B (Guard)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.400
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		9.837

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 2	P-1 Line Item Nomenclature: 39 - F-22 Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): INCREMENT3.1 - 2

Models of Systems Affected: F-22	Type Modification: Capability Improvement	Related RDT&E PEs: 0207138F
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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)
Secondary Distribution												
Air Force Active	0	3.302	0	3.744	0	3.097	0	0.380	-	-	-	-
Air National Guard	0	0.000	0	0.000	0	0.000	0	0.000	-	-	-	-
<i>Total, INCREMENT3.1</i>	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	143	210.865
<i>Total, All Modifications</i>		0.000		0.000		0.000		0.000		0.000		210.865
Support												
CHANGE ORDERS	0	0.600	0	0.700	0	0.600	0	0.100	0	0.000	0	3.300
DATA	0	0.400	0	0.400	0	0.400	0	0.000	0	0.000	0	2.100
SIM/TRAINER	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	20	4.483
SUPPORT- EQUIP	0	1.600	0	1.800	0	1.500	0	0.200	0	0.000	0	8.500
PMA	0	0.702	0	0.844	0	0.597	0	0.080	0	0.000	0	2.981
<i>Total Support Cost</i>		3.302		3.744		3.097		0.380		0.000		21.364
<i>Procurement Cost (Procurement + Support)</i>		3.302		3.744		3.097		0.380		0.000		232.229
<i>Total Installation Cost</i>		11.400		12.300		10.500		1.200		0.000		53.891
Total Cost (Procurement + Support + Installation)		14.702		16.044		13.597		1.580		0.000		286.120

Remarks:

Manufacturer Information: INCREMENT3.1	
Manufacturer Name: Lockheed Martin	Manufacturer Location: Palmdale/Hill AFB
Administrative Leadtime (in Months): 3	Production Leadtime (in Months): 30

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates	Mar 2011	Jan 2012	Apr 2013				
Delivery Dates	Sep 2013	Jul 2014	Oct 2015				

Installation: INCREMENT3.1		Method of Implementation: Combination				Installation Name:						
Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ 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	1.865	24	7.726	23	8.900	-	-	23	8.900

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 2	P-1 Line Item Nomenclature: 39 - F-22 Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): INCREMENT3.1 - 2
Models of Systems Affected: F-22	Type Modification: Capability Improvement	Related RDT&E PEs: 0207138F

Installation: INCREMENT3.1	Method of Implementation: Combination	Installation Name:
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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)
Secondary Distribution - Air Force Active	-	-	7	1.865	24	7.726	23	8.900	-	-	23	8.900
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air National Guard	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air National Guard	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	0	0.000	0	0.000	0	0.000	-	-	0	0.000
Secondary Distribution - Air Force Active	-	-	0	0.000	0	0.000	0	0.000	-	-	0	0.000
Secondary Distribution - Air National Guard	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	7	1.865	24	7.726	23	8.900	-	-	23	8.900
Secondary Distribution - Air Force Active	-	-	7	1.865	24	7.726	23	8.900	-	-	23	8.900
Secondary Distribution - Air National Guard	-	-	-	-	-	-	-	-	-	-	-	-

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ 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	5.502	-	-	-	-	-	-	0	0.000	68	23.993
Secondary Distribution - Air Force Active	14	5.502	-	-	-	-	-	-	-	-	-	-
FY 2011	15	5.898	17	6.749	-	-	-	-	0	0.000	32	12.647
Secondary Distribution - Air Force Active	15	5.898	17	6.749	-	-	-	-	-	-	-	-
FY 2012	-	-	14	5.551	18	7.270	-	-	0	0.000	32	12.821
Secondary Distribution - Air Force Active	-	-	14	5.551	9	3.634	-	-	-	-	-	-
Secondary Distribution - Air National Guard	-	-	-	-	9	3.636	-	-	-	-	-	-
FY 2013	-	-	-	-	8	3.230	3	1.200	0	0.000	11	4.430

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 2		P-1 Line Item Nomenclature: 39 - F-22 Mods
Modification Nomenclature (Modification Title, Modification Number): INCREMENT3.1 - 2		

Models of Systems Affected: F-22	Type Modification: Capability Improvement	Related RDT&E PEs: 0207138F
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Installation: INCREMENT3.1	Method of Implementation: Combination	Installation Name:
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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)
Secondary Distribution - Air National Guard	-	-	-	-	8	3.230	3	1.200	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
Secondary Distribution - Air Force Active	0	0.000	0	0.000	0	0.000	-	-	-	-	-	-
Secondary Distribution - Air National Guard	-	-	-	-	0	0.000	0	0.000	-	-	-	-
Total	29	11.400	31	12.300	26	10.500	3	1.200	0	0.000	143	53.891
Secondary Distribution - Air Force Active	29	11.400	31	12.300	9	3.634	-	-	-	-	-	-
Secondary Distribution - Air National Guard	-	-	-	-	17	6.866	3	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	0	0	0	1	7	9	6	8	5	6	8	4	7	7	8	7	5	6	9	11	6	8	7	5	3	0	0	0	0	0	0	143
Out	0	0	0	0	0	3	9	7	8	7	3	7	7	5	9	8	7	6	6	6	9	7	10	7	6	4	1	1	0	0	0	0	143

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 2	P-1 Line Item Nomenclature: 39 - F-22 Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Reliability and Maintainability Maturation Program - 3

Models of Systems Affected: F-22	Type Modification: Reliability & Maintainability	Related RDT&E PEs: 0207138F
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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)	445.616	93.577	97.104	114.465	-	114.465	116.288	107.231	66.555	142.097	-	1,182.933
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	445.616	93.577	97.104	114.465	-	114.465	116.288	107.231	66.555	142.097	-	1,182.933
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	445.616	93.577	97.104	114.465	-	114.465	116.288	107.231	66.555	142.097	-	1,182.933

(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 Millions)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The Reliability, Availability, and Maintainability Maturation Program (RAMMP) provides for the development and integration of upgrades to reach mature reliability, availability and maintainability (RAM). The associated RAMMP RDT&E effort develops candidate RAMMP initiatives which are down-selected for implementation based on their development maturity and impact on F-22 life cycle costs. RAMMP also includes the retrofit for the On Board Oxygen Generating System (OBOGS) and projects for diminishing manufacturing sources. RAMMP also includes Mission Support Requirements.

RAMMP retrofit kit purchases currently include 40+ individual RAMMP projects, totaling over 2,100 kits. In FY2014 and FY2015 RAMMP kit purchases and installs will include Configurable Rail Launchers (CRL) AIM-9X extension kits required to modify the existing CRLs to carry AIM-9X missiles.

From FY16 to FY17, RAMMP costs increase significantly due to the plan to begin reversion of the LO coatings on the jet in FY17. The current plan will require the LO coatings to be stripped and the aircraft recoated creating the need for additional funding for kit buys and installs beginning in the FY17 timeframe.

Kit installation are done either at the depot or organization level depending on the complexity of the effort.

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Exhibit P-3A, Individual Modification: PB 2013 Air Force								Date: February 2012				
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 2				P-1 Line Item Nomenclature: 39 - F-22 Mods				Modification Nomenclature (<i>Modification Title, Modification Number</i>): Reliability and Maintainability Maturation Program - 3				
Models of Systems Affected: F-22			Type Modification: Reliability & Maintainability				Related RDT&E PEs: 0207138F					
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
RDT&E PE #												
0207138F	0	100.071	0	10.000	0	14.000	0	10.754	0	0.000	0	10.754
Procurement												
Reliability and Maintainability Maturation Program												
A Kits												
Recurring												
INSTALL KITS Group A (Active)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		0.000
B Kits												
Recurring												
EQUIPMENT Group B (Active)	158	352.709	797	23.037	619	19.485	216	26.947	0	0.000	216	26.947
EQUIPMENT Group B (Guard)	20	11.892	99	2.862	77	2.424	27	3.369	0	0.000	27	3.369
EQUIPMENT Group B (Reserve)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
<i>Subtotal Recurring</i>		364.601		25.899		21.909		30.316		0.000		30.316
NonRecurring												
EQUIP NONREC Group B (Active)	0	0.000	0	0.000	0	0.293	0	24.668	0	0.000	0	24.668
EQUIP NONREC Group B (Guard)	0	0.000	0	0.000	0	0.037	0	3.083	0	0.000	0	3.083
<i>Subtotal NonRecurring</i>		0.000		0.000		0.330		27.751		0.000		27.751
Secondary Distribution												
Air Force Active	158	352.709	797	23.037	619	19.778	216	54.512	0	0.000	216	54.512
Air National Guard	20	11.892	99	2.862	77	2.461	27	6.452	0	0.000	27	6.452
Air Force Reserve	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
<i>Total, Reliability and Maintainability Maturation Program</i>	178	364.601	896	25.899	696	22.239	243	58.067	0	0.000	243	58.067
<i>Total, All Modifications</i>		364.601		25.899		22.239		58.067		0.000		58.067
Support												
CHANGE ORDERS	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
DATA	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
SUPPORT- EQUIP	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 2	P-1 Line Item Nomenclature: 39 - F-22 Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Reliability and Maintainability Maturation Program - 3

Models of Systems Affected: F-22	Type Modification: Reliability & Maintainability	Related RDT&E PEs: 0207138F
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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)
PMA	0	0.000	0	0.000	0	0.000	0	2.897	0	0.000	0	2.897
<i>Total Support Cost</i>		0.000		0.000		0.000		2.897		0.000		2.897
<i>Procurement Cost (Procurement + Support)</i>		364.601		25.899		22.239		60.964		0.000		60.964
<i>Total Installation Cost</i>		81.015		67.678		74.865		53.501		0.000		53.501
Total Cost (Procurement + Support + Installation)		445.616		93.577		97.104		114.465		0.000		114.465

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
RDT&E PE #												
0207138F	0	10.669	0	10.277	0	10.903	0	22.547	0	0.000	0	189.221
Procurement												
Reliability and Maintainability Maturation Program												
A Kits												
Recurring												
INSTALL KITS Group A (Active)	0	2.032	0	2.093	0	0.000	0	0.000	0	0.000	0	4.125
<i>Subtotal Recurring</i>		2.032		2.093		0.000		0.000		0.000		4.125
B Kits												
Recurring												
EQUIPMENT Group B (Active)	274	21.782	336	21.819	203	17.795	158	21.848	0	0.000	2,761	505.422
EQUIPMENT Group B (Guard)	34	2.703	42	2.727	25	2.219	20	2.735	0	0.000	344	30.931
EQUIPMENT Group B (Reserve)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
<i>Subtotal Recurring</i>		24.485		24.546		20.014		24.583		0.000		536.353
NonRecurring												
EQUIP NONREC Group B (Active)	0	31.773	0	24.940	0	16.484	0	55.793	0	0.000	0	153.951
EQUIP NONREC Group B (Guard)	0	3.943	0	3.117	0	2.030	0	7.062	0	0.000	0	19.272
<i>Subtotal NonRecurring</i>		35.716		28.057		18.514		62.855		0.000		173.223
Secondary Distribution												
Air Force Active	274	60.542	336	54.264	203	37.455	158	80.776	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 2	P-1 Line Item Nomenclature: 39 - F-22 Mods	Modification Nomenclature (Modification Title, Modification Number): Reliability and Maintainability Maturation Program - 3

Models of Systems Affected: F-22	Type Modification: Reliability & Maintainability	Related RDT&E PEs: 0207138F
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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)
Air National Guard	34	6.646	42	5.844	25	4.249	20	9.797	-	-	-	-
Air Force Reserve	0	0.000	0	0.000	0	0.000	0	0.000	-	-	-	-
<i>Total, Reliability and Maintainability Maturation Program</i>	308	62.233	378	54.696	228	38.528	178	87.438	0	0.000	3,105	713.701
<i>Total, All Modifications</i>		62.233		54.696		38.528		87.438		0.000		713.701
Support												
CHANGE ORDERS	0	0.080	0	0.083	0	0.000	0	0.000	0	0.000	0	0.163
DATA	0	0.106	0	0.109	0	0.000	0	0.000	0	0.000	0	0.215
SUPPORT- EQUIP	0	0.751	0	0.774	0	0.000	0	0.000	0	0.000	0	1.525
PMA	0	4.018	0	4.446	0	3.176	0	3.135	0	0.000	0	17.672
<i>Total Support Cost</i>		4.955		5.412		3.176		3.135		0.000		19.575
<i>Procurement Cost (Procurement + Support)</i>		67.188		60.108		41.704		90.573		0.000		733.276
<i>Total Installation Cost</i>		49.100		47.123		24.851		51.524		0.000		449.657
Total Cost (Procurement + Support + Installation)		116.288		107.231		66.555		142.097		0.000		1,182.933

Remarks:

Manufacturer Information: Reliability and Maintainability Maturation Program

Manufacturer Name: Lockheed Martin				Manufacturer Location: Palmdale/Hill AFB			
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	Jan 2011	Jan 2012	Jan 2013	Jan 2014	Jan 2015	Jan 2016	Jan 2017
Delivery Dates	Jan 2012	Jan 2013	Jan 2014	Jan 2015	Jan 2016	Jan 2017	Jan 2018

Installation: Reliability and Maintainability Maturation Program **Method of Implementation:** Combination **Installation Name:**

Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	178	81.015	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	158	71.912	-	-	-	-	-	-	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 2	P-1 Line Item Nomenclature: 39 - F-22 Mods	Modification Nomenclature <i>(Modification Title, Modification Number):</i> Reliability and Maintainability Maturation Program - 3

Models of Systems Affected: F-22	Type Modification: Reliability & Maintainability	Related RDT&E PEs: 0207138F
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Installation: Reliability and Maintainability Maturation Program	Method of Implementation: Combination	Installation Name:
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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)
Secondary Distribution - Air National Guard	20	9.103	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	896	67.678	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	797	58.727	-	-	-	-	-	-	-	-
Secondary Distribution - Air National Guard	-	-	99	8.951	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	696	74.865	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	619	65.724	-	-	-	-	-	-
Secondary Distribution - Air National Guard	-	-	-	-	77	9.141	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	243	53.501	-	-	243	53.501
Secondary Distribution - Air Force Active	-	-	-	-	-	-	216	47.557	-	-	216	47.557
Secondary Distribution - Air National Guard	-	-	-	-	-	-	27	5.944	-	-	27	5.944
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air National Guard	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air National Guard	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air National Guard	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air National Guard	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	0	0.000	0	0.000	0	0.000	0	0.000	-	-	0	0.000
Secondary Distribution - Air Force Active	0	0.000	0	0.000	0	0.000	0	0.000	-	-	0	0.000
Secondary Distribution - Air National Guard	0	0.000	0	0.000	0	0.000	0	0.000	-	-	0	0.000
Total	178	81.015	896	67.678	696	74.865	243	53.501	-	-	243	53.501
Secondary Distribution - Air Force Active	158	71.912	797	58.727	619	65.724	216	47.557	-	-	216	47.557
Secondary Distribution - Air National Guard	20	9.103	99	8.951	77	9.141	27	5.944	-	-	27	5.944

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Exhibit P-3A, Individual Modification: PB 2013 Air Force										Date: February 2012		
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 2				P-1 Line Item Nomenclature: 39 - F-22 Mods				Modification Nomenclature (<i>Modification Title, Modification Number</i>): Reliability and Maintainability Maturation Program - 3				
Models of Systems Affected: F-22				Type Modification: Reliability & Maintainability				Related RDT&E PEs: 0207138F				
Installation: Reliability and Maintainability Maturation Program				Method of Implementation: Combination				Installation Name:				
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	0.000	178	81.015
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air National Guard	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	0	0.000	896	67.678
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air National Guard	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	0	0.000	696	74.865
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air National Guard	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	0	0.000	243	53.501
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air National Guard	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	308	49.100	-	-	-	-	-	-	0	0.000	308	49.100
Secondary Distribution - Air Force Active	274	43.680	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air National Guard	34	5.420	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	378	47.123	-	-	-	-	0	0.000	378	47.123
Secondary Distribution - Air Force Active	-	-	336	41.887	-	-	-	-	-	-	-	-
Secondary Distribution - Air National Guard	-	-	42	5.236	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	228	24.851	-	-	0	0.000	228	24.851
Secondary Distribution - Air Force Active	-	-	-	-	203	22.126	-	-	-	-	-	-
Secondary Distribution - Air National Guard	-	-	-	-	25	2.725	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	178	51.524	0	0.000	178	51.524
Secondary Distribution - Air Force Active	-	-	-	-	-	-	158	45.735	-	-	-	-
Secondary Distribution - Air National Guard	-	-	-	-	-	-	20	5.789	-	-	-	-
To Complete	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
Secondary Distribution - Air Force Active	0	0.000	0	0.000	0	0.000	0	0.000	-	-	-	-
Secondary Distribution - Air National Guard	0	0.000	0	0.000	0	0.000	0	0.000	-	-	-	-
Total	308	49.100	378	47.123	228	24.851	178	51.524	0	0.000	3,105	449.657
Secondary Distribution - Air Force Active	274	43.680	336	41.887	203	22.126	158	45.735	-	-	-	-
Secondary Distribution - Air National Guard	34	5.420	42	5.236	25	2.725	20	5.789	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 2	P-1 Line Item Nomenclature: 39 - F-22 Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Reliability and Maintainability Maturation Program - 3

Models of Systems Affected: F-22	Type Modification: Reliability & Maintainability	Related RDT&E PEs: 0207138F
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Installation: Reliability and Maintainability Maturation Program	Method of Implementation: Combination	Installation Name:
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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	178	224	224	224	224	214	223	130	129	60	61	61	61	77	77	77	77	94	95	94	95	57	57	57	57	45	45	44	44	0	3,105
Out	178	224	224	224	224	214	223	130	129	60	61	61	61	77	77	77	77	94	95	94	95	57	57	57	57	45	45	44	44	0	3,105

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 2	P-1 Line Item Nomenclature: 39 - F-22 Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): F119 Engine Modifications - 4

Models of Systems Affected: F-22A	Type Modification: Other	Related RDT&E PEs: 0207138F
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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)	8.664	18.370	12.976	33.066	-	33.066	67.111	68.225	65.408	70.962	27.604	372.386
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	8.664	18.370	12.976	33.066	-	33.066	67.111	68.225	65.408	70.962	27.604	372.386
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	8.664	18.370	12.976	33.066	-	33.066	67.111	68.225	65.408	70.962	27.604	372.386

(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 Millions)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

This program includes both the F119 Engine modifications and the Item Unique Identification Description marking initiative (IUID), which includes procurement of support equipment (SE) fixtures and tooling to support marking of engine components, depot and SE tooling for F119 Engine Parts. This program funds modifications for engines in 186 aircraft and approximately 104 whole engine spares. There are currently 6,354 kits associated with F119 engine modifications. Quantities reflect individual kit procurement and installation.

Engine modifications are necessary to improve the safety, reliability, maintainability, sustainability, and mission performance of the F119 engine, which reduces Mean Time Between Maintenance and lowers engine Life Cycle Costs. The goal is to ensure the engines can successfully achieve full life status of 8,650 Total Accumulated Cycles (TAC). Engine depot inductions, or inspections, are funded through this program. It also includes depot tooling and SE tooling for F119 Engine Parts. Aircraft enter into depot induction, get inspected and when issues are discovered, repairs are implemented.

Induction inspections are based on TAC counts. The 2,150 TAC inductions began in FY11 and carry through FY13. The next phase of inductions will occur at 4,325 TACs, also known as half-life inspections. These inspections are likely to begin in the second half of FY13 and to generate the most expensive maintenance and repair issues. For this reason, there is a major cost increase in FY13 and a larger cost increase in FY14 as these inspections become more prevalent. Another factor contributing to the increase in the out years is tied to the greater expense of these retrofits. As the engine matures, retrofits will continue to become more expensive as lower cost retrofits have already been accomplished. Funding is needed as close to inspection as possible due to lead times ranging from 6 weeks to 21 months. Retrofits shown here are performed at the depot depending on the specific modification. Installation costs are shown for modifications performed at the depot level only.

F-119 Engine Modifications also includes Mission Support Requirements.

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Exhibit P-3A, Individual Modification: PB 2013 Air Force										Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 2					P-1 Line Item Nomenclature: 39 - F-22 Mods					Modification Nomenclature (<i>Modification Title, Modification Number</i>): F119 Engine Modifications - 4			
Models of Systems Affected: F-22A				Type Modification: Other				Related RDT&E PEs: 0207138F					
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
F119 Engine Modifications													
B Kits													
Recurring													
EQUIPMENT Group B (Active)													
	476	8.664	870	16.375	1,037	10.974	1,313	23.780	0	0.000	1,313	23.780	
EQUIPMENT Group B (Guard)													
	0	0.000	76	1.405	90	1.312	114	2.068	0	0.000	114	2.068	
<i>Subtotal Recurring</i>													
		8.664		17.780		12.286		25.848		0.000		25.848	
Secondary Distribution													
Air Force Active													
	476	8.664	870	16.375	1,037	10.974	1,313	30.350	0	0.000	1,313	30.350	
Air National Guard													
	0	0.000	76	1.405	90	1.312	114	2.068	0	0.000	114	2.068	
<i>Total, F119 Engine Modifications</i>													
	476	8.664	946	17.780	1,127	12.286	1,427	25.848	0	0.000	1,427	25.848	
<i>Total, All Modifications</i>													
		8.664		17.780		12.286		25.848		0.000		25.848	
Support													
CHANGE ORDERS													
	0	0.000	0	0.000	0	0.000	0	1.225	0	0.000	0	1.225	
DATA													
	0	0.000	0	0.000	0	0.000	0	0.735	0	0.000	0	0.735	
SUPPORT- EQUIP													
	0	0.000	0	0.000	0	0.000	0	3.822	0	0.000	0	3.822	
PMA													
	0	0.000	0	0.000	0	0.000	0	0.788	0	0.000	0	0.788	
<i>Total Support Cost</i>													
		0.000		0.000		0.000		6.570		0.000		6.570	
<i>Procurement Cost (Procurement + Support)</i>													
		8.664		17.780		12.286		32.418		0.000		32.418	
<i>Total Installation Cost</i>													
		0.000		0.590		0.690		0.648		0.000		0.648	
Total Cost (Procurement + Support + Installation)													
		8.664		18.370		12.976		33.066		0.000		33.066	
Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
F119 Engine Modifications													
B Kits													
Recurring													
EQUIPMENT Group B (Active)													
	1,237	47.972	991	47.272	815	44.198	686	50.169	0	0.000	7,425	249.404	

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Exhibit P-3A, Individual Modification: PB 2013 Air Force								Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 2				P-1 Line Item Nomenclature: 39 - F-22 Mods				Modification Nomenclature (<i>Modification Title, Modification Number</i>): F119 Engine Modifications - 4			
Models of Systems Affected: F-22A			Type Modification: Other				Related RDT&E PEs: 0207138F				

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
EQUIPMENT Group B (Guard)	108	4.171	86	4.111	71	3.843	60	4.354	0	0.000	605	21.264
<i>Subtotal Recurring</i>		52.143		51.383		48.041		54.523		0.000		270.668
Secondary Distribution												
Air Force Active	1,237	62.194	991	63.151	815	60.302	686	65.297	-	-	-	-
Air National Guard	108	4.171	86	4.111	71	3.843	60	4.354	-	-	-	-
<i>Total, F119 Engine Modifications</i>	1,345	52.143	1,077	51.383	886	48.041	746	54.523	0	0.000	8,030	270.668
<i>Total, All Modifications</i>		52.143		51.383		48.041		54.523		0.000		270.668
Support												
CHANGE ORDERS	0	2.395	0	2.619	0	2.757	0	2.513	0	5.562	0	17.071
DATA	0	1.437	0	1.571	0	1.654	0	1.508	0	3.338	0	10.243
SUPPORT- EQUIP	0	7.472	0	8.170	0	8.602	0	7.840	0	17.354	0	53.260
PMA	0	2.918	0	3.519	0	3.091	0	3.267	0	0.000	0	13.583
<i>Total Support Cost</i>		14.222		15.879		16.104		15.128		26.254		94.157
<i>Procurement Cost (Procurement + Support)</i>		66.365		67.262		64.145		69.651		26.254		364.825
<i>Total Installation Cost</i>		0.746		0.963		1.263		1.311		1.350		7.561
Total Cost (Procurement + Support + Installation)		67.111		68.225		65.408		70.962		27.604		372.386

Remarks:

Manufacturer Information: F119 Engine Modifications	
Manufacturer Name: Pratt & Whitney	Manufacturer Location: East Hartford/Tinker AFB
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	Jan 2011	Jan 2012	Jan 2013	Jan 2014	Jan 2015	Jan 2016	Jan 2017
Delivery Dates	Jan 2012	Jan 2013	Jan 2014	Jan 2015	Jan 2016	Jan 2017	Jan 2018

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 2	P-1 Line Item Nomenclature: 39 - F-22 Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): F119 Engine Modifications - 4
Models of Systems Affected: F-22A	Type Modification: Other	Related RDT&E PEs: 0207138F

Installation: F119 Engine Modifications	Method of Implementation: Combination	Installation Name:
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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	-	-	476	0.590	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	476	0.590	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	946	0.690	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	870	0.635	-	-	-	-	-	-
Secondary Distribution - Air National Guard	-	-	-	-	76	0.055	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	1,127	0.648	-	-	1,127	0.648
Secondary Distribution - Air Force Active	-	-	-	-	-	-	1,037	0.596	-	-	1,037	0.596
Secondary Distribution - Air National Guard	-	-	-	-	-	-	90	0.052	-	-	90	0.052
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air National Guard	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air National Guard	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air National Guard	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air National Guard	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	0	0.000	0	0.000	0	0.000	-	-	0	0.000
Secondary Distribution - Air Force Active	-	-	0	0.000	0	0.000	0	0.000	-	-	0	0.000
Secondary Distribution - Air National Guard	-	-	-	-	0	0.000	0	0.000	-	-	0	0.000
Total	-	-	476	0.590	946	0.690	1,127	0.648	-	-	1,127	0.648
Secondary Distribution - Air Force Active	-	-	476	0.590	870	0.635	1,037	0.596	-	-	1,037	0.596
Secondary Distribution - Air National Guard	-	-	-	-	76	0.055	90	0.052	-	-	90	0.052

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Exhibit P-3A, Individual Modification: PB 2013 Air Force									Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 2				P-1 Line Item Nomenclature: 39 - F-22 Mods					Modification Nomenclature (<i>Modification Title, Modification Number</i>): F119 Engine Modifications - 4			
Models of Systems Affected: F-22A			Type Modification: Other					Related RDT&E PEs: 0207138F				
Installation: F119 Engine Modifications			Method of Implementation: Combination					Installation Name:				
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	0.000	476	0.590
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	0	0.000	946	0.690
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air National Guard	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	0	0.000	1,127	0.648
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air National Guard	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	1,427	0.746	-	-	-	-	-	-	0	0.000	1,427	0.746
Secondary Distribution - Air Force Active	1,313	0.686	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air National Guard	114	0.060	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	1,345	0.963	-	-	-	-	0	0.000	1,345	0.963
Secondary Distribution - Air Force Active	-	-	1,237	0.886	-	-	-	-	-	-	-	-
Secondary Distribution - Air National Guard	-	-	108	0.077	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	1,077	1.263	-	-	0	0.000	1,077	1.263
Secondary Distribution - Air Force Active	-	-	-	-	991	1.162	-	-	-	-	-	-
Secondary Distribution - Air National Guard	-	-	-	-	86	0.101	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	886	1.311	0	0.000	886	1.311
Secondary Distribution - Air Force Active	-	-	-	-	-	-	815	1.206	-	-	-	-
Secondary Distribution - Air National Guard	-	-	-	-	-	-	71	0.105	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	746	1.350	746	1.350
To Complete	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
Secondary Distribution - Air Force Active	0	0.000	0	0.000	0	0.000	0	0.000	-	-	-	-
Secondary Distribution - Air National Guard	0	0.000	0	0.000	0	0.000	0	0.000	-	-	-	-
Total	1,427	0.746	1,345	0.963	1,077	1.263	886	1.311	746	1.350	8,030	7.561
Secondary Distribution - Air Force Active	1,313	0.686	1,237	0.886	991	1.162	815	1.206	-	-	-	-
Secondary Distribution - Air National Guard	114	0.060	108	0.077	86	0.101	71	0.105	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 2		P-1 Line Item Nomenclature: 39 - F-22 Mods
Models of Systems Affected: F-22A		Type Modification: Other
Related RDT&E PEs: 0207138F		

Installation: F119 Engine Modifications	Method of Implementation: Combination	Installation Name:
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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	119	119	119	119	236	236	236	238	282	282	282	281	357	357	357	356	336	336	336	337	269	269	269	270	222	222	222	220	746	8,030
Out	0	119	119	119	119	236	236	236	238	282	282	282	281	357	357	357	356	336	336	336	337	269	269	269	270	222	222	222	220	746	8,030

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Exhibit P-3A, Individual Modification: PB 2013 Air Force							Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 2				P-1 Line Item Nomenclature: 39 - F-22 Mods				Modification Nomenclature (<i>Modification Title, Modification Number</i>): Arresting Gear System - 5				
Models of Systems Affected: F-22			Type Modification: Capability Improvement				Related RDT&E PEs: 0207138F					

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)	-	-	-	2.604	-	2.604	5.432	-	-	-	-	8.036
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	-	-	2.604	-	2.604	5.432	-	-	-	-	8.036
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	-	-	-	2.604	-	2.604	5.432	-	-	-	-	8.036

(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 Millions)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

This effort will increase the speed at which the F-22 can use the emergency arresting cable.

Kit installation quantities are reflective of the number of aircraft receiving modification.

Arresting Gear System also includes Mission Support Requirements.

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Exhibit P-3A, Individual Modification: PB 2013 Air Force									Date: February 2012				
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 2				P-1 Line Item Nomenclature: 39 - F-22 Mods					Modification Nomenclature (<i>Modification Title, Modification Number</i>): Arresting Gear System - 5				
Models of Systems Affected: F-22			Type Modification: Capability Improvement					Related RDT&E PEs: 0207138F					
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
RDT&E PE #													
0207138F	0	2.094	0	0.599	0	0.000	0	0.000	0	0.000	0	0.000	
Procurement													
Arresting Gear System													
B Kits													
Recurring													
EQUIPMENT Group B (Active)	0	0.000	0	0.000	0	0.000	58	2.539	0	0.000	58	2.539	
EQUIPMENT Group B (Guard)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	
<i>Subtotal Recurring</i>		<i>0.000</i>		<i>0.000</i>		<i>0.000</i>		<i>2.539</i>		<i>0.000</i>		<i>2.539</i>	
Secondary Distribution													
Air Force Active	0	0.000	0	0.000	0	0.000	58	2.604	0	0.000	58	2.604	
Air National Guard	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	
<i>Total, Arresting Gear System</i>	<i>0</i>	<i>0.000</i>	<i>0</i>	<i>0.000</i>	<i>0</i>	<i>0.000</i>	<i>58</i>	<i>2.539</i>	<i>0</i>	<i>0.000</i>	<i>58</i>	<i>2.539</i>	
<i>Total, All Modifications</i>		<i>0.000</i>		<i>0.000</i>		<i>0.000</i>		<i>2.539</i>		<i>0.000</i>		<i>2.539</i>	
Support													
PMA	0	0.000	0	0.000	0	0.000	0	0.065	0	0.000	0	0.065	
<i>Total Support Cost</i>		<i>0.000</i>		<i>0.000</i>		<i>0.000</i>		<i>0.065</i>		<i>0.000</i>		<i>0.065</i>	
<i>Procurement Cost (Procurement + Support)</i>		<i>0.000</i>		<i>0.000</i>		<i>0.000</i>		<i>2.604</i>		<i>0.000</i>		<i>2.604</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>0.000</i>	
Total Cost (Procurement + Support + Installation)		0.000		0.000		0.000		2.604		0.000		2.604	
Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
RDT&E PE #													
0207138F	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	2.693	
Procurement													
Arresting Gear System													
B Kits													
Recurring													

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 2	P-1 Line Item Nomenclature: 39 - F-22 Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Arresting Gear System - 5

Models of Systems Affected: F-22	Type Modification: Capability Improvement	Related RDT&E PEs: 0207138F
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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)
EQUIPMENT Group B (Active)	100	4.302	0	0.000	0	0.000	0	0.000	0	0.000	158	6.841
EQUIPMENT Group B (Guard)	20	0.878	0	0.000	0	0.000	0	0.000	0	0.000	20	0.878
<i>Subtotal Recurring</i>		5.180		0.000		0.000		0.000		0.000		7.719
Secondary Distribution												
Air Force Active	100	4.554	0	0.000	0	0.000	0	0.000	-	-	-	-
Air National Guard	20	0.878	0	0.000	0	0.000	0	0.000	-	-	-	-
<i>Total, Arresting Gear System</i>	120	5.180	0	0.000	0	0.000	0	0.000	0	0.000	178	7.719
<i>Total, All Modifications</i>		5.180		0.000		0.000		0.000		0.000		7.719
Support												
PMA	0	0.252	0	0.000	0	0.000	0	0.000	0	0.000	0	0.317
<i>Total Support Cost</i>		0.252		0.000		0.000		0.000		0.000		0.317
<i>Procurement Cost (Procurement + Support)</i>		5.432		0.000		0.000		0.000		0.000		8.036
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		5.432		0.000		0.000		0.000		0.000		8.036

Remarks:

Manufacturer Information: Arresting Gear System

Manufacturer Name: Lockheed Martin					Manufacturer Location: Palmdale/Hill AFB		
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			Jan 2013	Jan 2014			
Delivery Dates			Jul 2013	Jul 2014			

Installation: Arresting Gear System	Method of Implementation: Org/Intermediate	Installation Quantity: 0
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Exhibit P-3A, Individual Modification: PB 2013 Air Force							Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 2			P-1 Line Item Nomenclature: 39 - F-22 Mods				Modification Nomenclature (<i>Modification Title, Modification Number</i>): Structures Retrofit Plan - 6					
Models of Systems Affected: F-22			Type Modification: Service Life Extension				Related RDT&E PEs: 0207138F					

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)	16.559	60.098	54.500	60.361	-	60.361	60.457	34.750	10.896	3.113	1.250	301.984
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	16.559	60.098	54.500	60.361	-	60.361	60.457	34.750	10.896	3.113	1.250	301.984
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	16.559	60.098	54.500	60.361	-	60.361	60.457	34.750	10.896	3.113	1.250	301.984

(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 Millions)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The Structures Retrofit Plan (SRP) is a program designed to retrofit F-22 aircraft with the structural improvements identified after each individual aircraft was produced. A number of F-22 structural improvements were identified during F-22 production to date. Aircraft that were (or will be) produced after identification of particular structural improvements incorporate those improvements. The number of aircraft on this document is not reflective of the total fleet because some of the aircraft had the kits installed while in production. Installation costs are shown for modifications performed at the depot level only.

Structures Retrofit Program also includes Mission Support Requirements.

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Exhibit P-3A, Individual Modification: PB 2013 Air Force								Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 2				P-1 Line Item Nomenclature: 39 - F-22 Mods				Modification Nomenclature (<i>Modification Title, Modification Number</i>): Structures Retrofit Plan - 6					
Models of Systems Affected: F-22			Type Modification: Service Life Extension				Related RDT&E PEs: 0207138F						
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
RDT&E PE #													
0207138F	0	0.057	0	0.070	0	0.000	0	1.500	0	0.000	0	1.500	
Procurement													
Structures Retrofit Plan													
A Kits													
Recurring													
INSTALL KITS Group A (Active)	24	16.559	29	11.598	33	6.748	30	7.500	0	0.000	30	7.500	
INSTALL KITS Group A (Guard)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	
<i>Subtotal Recurring</i>		16.559		11.598		6.748		7.500		0.000		7.500	
B Kits													
Recurring													
EQUIPMENT Group B (Active)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		0.000	
NonRecurring													
EQUIP NONREC Group B (Guard)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		0.000	
Secondary Distribution													
Air Force Active	24	16.559	29	11.598	33	6.748	30	9.186	0	0.000	30	9.186	
Air National Guard	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	
<i>Total, Structures Retrofit Plan</i>	24	16.559	29	11.598	33	6.748	30	7.500	0	0.000	30	7.500	
<i>Total, All Modifications</i>		16.559		11.598		6.748		7.500		0.000		7.500	
Support													
PMA	0	0.000	0	0.000	0	0.000	0	1.686	0	0.000	0	1.686	
<i>Total Support Cost</i>		0.000		0.000		0.000		1.686		0.000		1.686	
<i>Procurement Cost (Procurement + Support)</i>		16.559		11.598		6.748		9.186		0.000		9.186	
<i>Total Installation Cost</i>		0.000		48.500		47.752		51.175		0.000		51.175	
Total Cost (Procurement + Support + Installation)		16.559		60.098		54.500		60.361		0.000		60.361	

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Exhibit P-3A, Individual Modification: PB 2013 Air Force									Date: February 2012				
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 2				P-1 Line Item Nomenclature: 39 - F-22 Mods					Modification Nomenclature (<i>Modification Title, Modification Number</i>): Structures Retrofit Plan - 6				
Models of Systems Affected: F-22			Type Modification: Service Life Extension				Related RDT&E PEs: 0207138F						
Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
RDT&E PE #													
0207138F	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	1.627	
Procurement													
Structures Retrofit Plan													
A Kits													
Recurring													
INSTALL KITS Group A (Active)	23	6.500	15	3.750	4	1.500	4	1.250	0	0.000	162	55.405	
INSTALL KITS Group A (Guard)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	
<i>Subtotal Recurring</i>		6.500		3.750		1.500		1.250		0.000		55.405	
B Kits													
Recurring													
EQUIPMENT Group B (Active)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		0.000	
NonRecurring													
EQUIP NONREC Group B (Guard)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		0.000	
Secondary Distribution													
Air Force Active	23	9.582	15	6.250	4	2.148	4	1.335	-	-	-	-	
Air National Guard	0	0.000	0	0.000	0	0.000	0	0.000	-	-	-	-	
<i>Total, Structures Retrofit Plan</i>	23	6.500	15	3.750	4	1.500	4	1.250	0	0.000	162	55.405	
<i>Total, All Modifications</i>		6.500		3.750		1.500		1.250		0.000		55.405	
Support													
PMA	0	3.082	0	2.500	0	0.648	0	0.085	0	0.000	0	8.001	
<i>Total Support Cost</i>		3.082		2.500		0.648		0.085		0.000		8.001	
<i>Procurement Cost (Procurement + Support)</i>		9.582		6.250		2.148		1.335		0.000		63.406	
<i>Total Installation Cost</i>		50.875		28.500		8.748		1.778		1.250		238.578	
Total Cost (Procurement + Support + Installation)		60.457		34.750		10.896		3.113		1.250		301.984	
Remarks:													

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 2	P-1 Line Item Nomenclature: 39 - F-22 Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Structures Retrofit Plan - 6
Models of Systems Affected: F-22	Type Modification: Service Life Extension	Related RDT&E PEs: 0207138F

Manufacturer Information: Structures Retrofit Plan							
Manufacturer Name: Lockheed Martin				Manufacturer Location: Palmdale/Hill AFB			
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 2011	Jan 2012	Jan 2013	Jan 2014	Jan 2015	Jan 2016	Jan 2017
Delivery Dates	Jan 2012	Jan 2013	Jan 2014	Jan 2015	Jan 2016	Jan 2017	Jan 2018

Installation: Structures Retrofit Plan	Method of Implementation: Combination	Installation Name:
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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	48.500	7	12.938	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	17	48.500	7	12.938	-	-	-	-	-	-
FY 2011	-	-	-	-	18	34.814	11	16.084	-	-	11	16.084
Secondary Distribution - Air Force Active	-	-	-	-	18	34.814	11	16.084	-	-	11	16.084
FY 2012	-	-	-	-	-	-	24	35.091	-	-	24	35.091
Secondary Distribution - Air Force Active	-	-	-	-	-	-	24	35.091	-	-	24	35.091
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	0	0.000	0	0.000	0	0.000	-	-	0	0.000
Secondary Distribution - Air Force Active	-	-	0	0.000	0	0.000	0	0.000	-	-	0	0.000
Total	-	-	17	48.500	25	47.752	35	51.175	-	-	35	51.175
Secondary Distribution - Air Force Active	-	-	17	48.500	25	47.752	35	51.175	-	-	35	51.175

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 2		P-1 Line Item Nomenclature: 39 - F-22 Mods
Models of Systems Affected: F-22		Type Modification: Service Life Extension
Related RDT&E PEs: 0207138F		

Installation: Structures Retrofit Plan	Method of Implementation: Combination	Installation Name:
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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	24	61.438
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	0	0.000	29	50.898
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	9	11.740	-	-	-	-	-	-	0	0.000	33	46.831
Secondary Distribution - Air Force Active	9	11.740	-	-	-	-	-	-	-	-	-	-
FY 2013	30	39.135	-	-	-	-	-	-	0	0.000	30	39.135
Secondary Distribution - Air Force Active	30	39.135	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	23	28.500	-	-	-	-	0	0.000	23	28.500
Secondary Distribution - Air Force Active	-	-	23	28.500	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	15	8.748	-	-	0	0.000	15	8.748
Secondary Distribution - Air Force Active	-	-	-	-	15	8.748	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	4	1.778	0	0.000	4	1.778
Secondary Distribution - Air Force Active	-	-	-	-	-	-	4	1.778	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	4	1.250	4	1.250
To Complete	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
Secondary Distribution - Air Force Active	0	0.000	0	0.000	0	0.000	0	0.000	-	-	-	-
Total	39	50.875	23	28.500	15	8.748	4	1.778	4	1.250	162	238.578
Secondary Distribution - Air Force Active	39	50.875	23	28.500	15	8.748	4	1.778	-	-	-	-

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	10	4	3	8	6	6	5	8	9	9	9	11	10	9	9	6	6	6	5	4	4	4	3	1	1	1	1	4	162
Out	0	0	0	10	4	3	8	6	6	5	8	9	9	9	11	10	9	9	6	6	6	5	4	4	4	4	3	1	1	5	162

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 2	P-1 Line Item Nomenclature: 39 - F-22 Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Trainers Modernization - 7

Models of Systems Affected: F-22	Type Modification: Safety	Related RDT&E PEs: 0207138F
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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)	7.929	3.733	-	25.081	-	25.081	22.999	9.824	2.804	2.353	-	74.723
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	7.929	3.733	-	25.081	-	25.081	22.999	9.824	2.804	2.353	-	74.723
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	7.929	3.733	-	25.081	-	25.081	22.999	9.824	2.804	2.353	-	74.723

(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 Millions)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

This effort modifies training devices to simulate existing and future F-22 operational capabilities. The following data provides a funding profile and installation schedule for major upgrades to the Pilot and Maintenance Training Devices (MTD). These modifications will enable the 4-ship Mission Training Centers (MTC) and Weapons and Tactics Trainer (WTT) systems to provide realistic training in 3 major areas: (1) Visual System Display, (2) Night Vision Goggle (NVG) training, and (3) Dynamic-Synthetic Aperture Radar (D-SAR). Additionally, these modifications will allow the MTDs to be more concurrent with the aircraft.

Quantities included are reflective of the number of trainers being modified, not the number of kits being purchased for the modifications. Upgrades for Pilot Trainers are significantly more expensive than Maintenance Trainers due to the technology involved, and this is reflected in both the purchase and install costs throughout the FYDP.

Trainers Modernization also includes Mission Support Requirements.

The "Aircraft Breakdown" section below is reflective of the actual number of trainers. There are 28 Pilot Training Devices and 26 Maintenance Training Devices for a total of 54.

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Exhibit P-3A, Individual Modification: PB 2013 Air Force									Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 2				P-1 Line Item Nomenclature: 39 - F-22 Mods					Modification Nomenclature (<i>Modification Title, Modification Number</i>): Trainers Modernization - 7			
Models of Systems Affected: F-22			Type Modification: Safety					Related RDT&E PEs: 0207138F				
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
RDT&E PE #												
0207138F	0	23.064	0	10.700	0	12.000	0	13.000	0	0.000	0	13.000
Procurement												
Trainers Modernization												
A Kits												
Recurring												
INSTALL KITS Group A (Active)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		0.000
B Kits												
Recurring												
EQUIPMENT Group B (Active)	18	4.600	14	2.183	0	0.000	30	23.344	0	0.000	30	23.344
<i>Subtotal Recurring</i>		4.600		2.183		0.000		23.344		0.000		23.344
NonRecurring												
EQUIP NONREC Group B (Active)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
EQUIP NONREC Group B (Guard)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		0.000
Secondary Distribution												
Air Force Active	18	4.600	14	2.183	0	0.000	30	23.967	0	0.000	30	23.967
<i>Total, Trainers Modernization</i>	18	4.600	14	2.183	0	0.000	30	23.344	0	0.000	30	23.344
<i>Total, All Modifications</i>		4.600		2.183		0.000		23.344		0.000		23.344
Support												
PMA	0	0.000	0	0.000	0	0.000	0	0.623	0	0.000	0	0.623
<i>Total Support Cost</i>		0.000		0.000		0.000		0.623		0.000		0.623
<i>Procurement Cost (Procurement + Support)</i>		4.600		2.183		0.000		23.967		0.000		23.967
<i>Total Installation Cost</i>		3.329		1.550		0.000		1.114		0.000		1.114
Total Cost (Procurement + Support + Installation)		7.929		3.733		0.000		25.081		0.000		25.081

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Exhibit P-3A, Individual Modification: PB 2013 Air Force									Date: February 2012				
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 2				P-1 Line Item Nomenclature: 39 - F-22 Mods					Modification Nomenclature (<i>Modification Title, Modification Number</i>): Trainers Modernization - 7				
Models of Systems Affected: F-22				Type Modification: Safety					Related RDT&E PEs: 0207138F				
Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
RDT&E PE #													
0207138F	0	11.221	0	11.446	0	13.674	0	14.076	0	0.000	0	109.181	
Procurement													
Trainers Modernization													
A Kits													
Recurring													
INSTALL KITS Group A (Active)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		0.000	
B Kits													
Recurring													
EQUIPMENT Group B (Active)	25	17.817	14	6.106	14	0.883	14	0.089	0	0.000	129	55.022	
<i>Subtotal Recurring</i>		17.817		6.106		0.883		0.089		0.000		55.022	
NonRecurring													
EQUIP NONREC Group B (Active)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	
EQUIP NONREC Group B (Guard)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		0.000	
Secondary Distribution													
Air Force Active	25	18.735	14	6.600	14	1.001	14	0.203	-	-	-	-	
<i>Total, Trainers Modernization</i>	25	17.817	14	6.106	14	0.883	14	0.089	0	0.000	129	55.022	
<i>Total, All Modifications</i>		17.817		6.106		0.883		0.089		0.000		55.022	
Support													
PMA	0	0.918	0	0.494	0	0.118	0	0.114	0	0.000	0	2.267	
<i>Total Support Cost</i>		0.918		0.494		0.118		0.114		0.000		2.267	
<i>Procurement Cost (Procurement + Support)</i>		18.735		6.600		1.001		0.203		0.000		57.289	
<i>Total Installation Cost</i>		4.264		3.224		1.803		2.150		0.000		17.434	
Total Cost (Procurement + Support + Installation)		22.999		9.824		2.804		2.353		0.000		74.723	
Remarks:													

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 2	P-1 Line Item Nomenclature: 39 - F-22 Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Trainers Modernization - 7
Models of Systems Affected: F-22	Type Modification: Safety	Related RDT&E PEs: 0207138F

Manufacturer Information: Trainers Modernization							
Manufacturer Name: Lockheed Martin				Manufacturer Location: Palmdale/Hill AFB			
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	Jul 2011		Jan 2013	Jan 2014	Jan 2015	Jan 2016	Jan 2017
Delivery Dates	Apr 2012		Jun 2013	Jun 2014	Jun 2015	Jun 2016	Jun 2017

Installation: Trainers Modernization	Method of Implementation: Contract Field Team	Installation Name:
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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	18	3.329	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	18	3.329	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	14	1.550	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	14	1.550	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	10	1.114	-	-	10	1.114
Secondary Distribution - Air Force Active	-	-	-	-	-	-	10	1.114	-	-	10	1.114
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	0	0.000	0	0.000	-	-	0	0.000	-	-	0	0.000
Secondary Distribution - Air Force Active	0	0.000	0	0.000	-	-	0	0.000	-	-	0	0.000
Total	18	3.329	14	1.550	-	-	10	1.114	-	-	10	1.114
Secondary Distribution - Air Force Active	18	3.329	14	1.550	-	-	10	1.114	-	-	10	1.114

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 2		P-1 Line Item Nomenclature: 39 - F-22 Mods
Models of Systems Affected: F-22		Type Modification: Safety
Related RDT&E PEs: 0207138F		

Installation: Trainers Modernization	Method of Implementation: Contract Field Team	Installation Name:
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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	18	3.329
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	0	0.000	14	1.550
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	20	1.895	-	-	-	-	-	-	0	0.000	30	3.009
Secondary Distribution - Air Force Active	20	1.895	-	-	-	-	-	-	-	-	-	-
FY 2014	25	2.369	-	-	-	-	-	-	0	0.000	25	2.369
Secondary Distribution - Air Force Active	25	2.369	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	14	3.224	-	-	-	-	0	0.000	14	3.224
Secondary Distribution - Air Force Active	-	-	14	3.224	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	14	1.803	-	-	0	0.000	14	1.803
Secondary Distribution - Air Force Active	-	-	-	-	14	1.803	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	14	2.150	0	0.000	14	2.150
Secondary Distribution - Air Force Active	-	-	-	-	-	-	14	2.150	-	-	-	-
To Complete	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
Secondary Distribution - Air Force Active	0	0.000	0	0.000	0	0.000	0	0.000	-	-	-	-
Total	45	4.264	14	3.224	14	1.803	14	2.150	0	0.000	129	17.434
Secondary Distribution - Air Force Active	45	4.264	14	3.224	14	1.803	14	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	18	0	0	0	0	0	0	11	3	0	0	0	10	15	19	6	5	0	0	11	3	0	0	11	3	0	0	11	3	0	0
Out	18	0	0	0	0	0	0	0	14	0	0	0	10	0	31	6	6	2	0	0	14	0	0	0	14	0	0	0	14	0	0

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

Appropriation / Budget Activity / Budget Sub Activity:
3010F : Aircraft Procurement, Air Force / BA 5 : Modification of Inservice Aircraft / BSA 2 : Tactical Aircraft

P-1 Line Item Nomenclature:
40 - F-35 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)	-	4.610	0.000	147.995	-	147.995	157.777	245.462	223.683	252.141	-	1,031.668
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	4.610	0.000	147.995	-	147.995	157.777	245.462	223.683	252.141	-	1,031.668
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	-	4.610	0.000	147.995	-	147.995	157.777	245.462	223.683	252.141	-	1,031.668

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

Description:

The Joint Strike Fighter (JSF) (F-35) program will develop and deploy a family of highly common, affordable next generation, stealthy, multi-role strike fighter aircraft that meets the needs of multiple services and countries.

Item Schedule		ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
JSF F35 Mod - 1	P3A		-	-	-	-	-	4.610	-	-	-	-	-	147.995	-	-	-	-	-	147.995
Total Gross/Weapon System Cost								4.610						147.995			-			147.995
		ID CD	FY 2014			FY 2015			FY 2016			FY 2017			To Complete			Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
JSF F35 Mod - 1	P3A		-	-	157.777	-	-	245.462	-	-	223.683	-	-	252.141	-	-	-	-	-	1,031.668
Total Gross/Weapon System Cost					157.777			245.462			223.683			252.141			-			1,031.668

*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:

With the exception of modifications listed in the P-40A, justification for individual modifications is provided in the P-3A exhibits.

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Exhibit P-3A, Individual Modification: PB 2013 Air Force							Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 2			P-1 Line Item Nomenclature: 40 - F-35 Mods				Modification Nomenclature (<i>Modification Title, Modification Number</i>): JSF F35 Mod - 1					
Models of Systems Affected: F-35 CTOL			Type Modification: Capability Improvement				Related RDT&E PEs: 0207142F					

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)	-	4.610	-	147.995	-	147.995	157.777	245.462	223.683	252.141	-	1,031.668
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	4.610	-	147.995	-	147.995	157.777	245.462	223.683	252.141	-	1,031.668
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	-	4.610	-	147.995	-	147.995	157.777	245.462	223.683	252.141	-	1,031.668

(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 Millions)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

Retrofits Air Force Conventional Take Off and Landing (CTOL) aircraft procured under the Low Rate Initial Production (LRIP) buys to a final Block 3 configuration. Some aircraft will require multiple modifications to reach the final Block 3 configuration. The retrofits to enable the final Block 3 configuration are comprised of hardware and software. The hardware per aircraft include new radar modules, new Integrated Core Processor (ICP) modules and rack, and new electronic warfare (EW) modules. Also provides additional modifications required to extend aircraft service life currently limited by low life parts, and relieve capability limitations driven by the concurrency of production with development. Aircraft need to be updated to a final Block 3 configuration to avoid costs associated with maintaining multiple configurations of aircraft at Air Force training sites (Eglin AFB-Integrated Training Center, Luke AFB-Preferred Pilot Training Center).

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Exhibit P-3A, Individual Modification: PB 2013 Air Force										Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 2					P-1 Line Item Nomenclature: 40 - F-35 Mods					Modification Nomenclature (<i>Modification Title, Modification Number</i>): JSF F35 Mod - 1			
Models of Systems Affected: F-35 CTOL				Type Modification: Capability Improvement				Related RDT&E PEs: 0207142F					
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
JSF F35 Mod													
A Kits													
Recurring													
INSTALL KITS Group A (Active)													
	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	
<i>Subtotal Recurring</i>													
		0.000		0.000		0.000		0.000		0.000		0.000	
B Kits													
Recurring													
EQUIPMENT Group B (Active)													
	0	0.000	0	0.000	0	0.000	0	147.995	0	0.000	0	147.995	
<i>Subtotal Recurring</i>													
		0.000		0.000		0.000		147.995		0.000		147.995	
NonRecurring													
EQUIP NONREC Group B (Active)													
	0	0.000	0	4.610	0	0.000	0	0.000	0	0.000	0	0.000	
<i>Subtotal NonRecurring</i>													
		0.000		4.610		0.000		0.000		0.000		0.000	
Secondary Distribution													
Air Force Active													
	0	0.000	0	4.610	0	0.000	0	147.995	0	0.000	0	147.995	
<i>Total, JSF F35 Mod</i>													
	0	0.000	0	4.610	0	0.000	0	147.995	0	0.000	0	147.995	
<i>Total, All Modifications</i>													
		0.000		4.610		0.000		147.995		0.000		147.995	
<i>Procurement Cost (Procurement + Support)</i>													
		0.000		4.610		0.000		147.995		0.000		147.995	
<i>Total Installation Cost</i>													
		0.000		0.000		0.000		0.000		0.000		0.000	
Total Cost (Procurement + Support + Installation)													
		0.000		4.610		0.000		147.995		0.000		147.995	
Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
JSF F35 Mod													
A Kits													
Recurring													
INSTALL KITS Group A (Active)													
	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	
<i>Subtotal Recurring</i>													
		0.000		0.000		0.000		0.000		0.000		0.000	

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 2	P-1 Line Item Nomenclature: 40 - F-35 Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): JSF F35 Mod - 1

Models of Systems Affected: F-35 CTOL	Type Modification: Capability Improvement	Related RDT&E PEs: 0207142F
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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												
EQUIPMENT Group B (Active)	0	157.777	0	245.462	0	223.683	0	252.141	0	0.000	0	1,027.058
<i>Subtotal Recurring</i>		157.777		245.462		223.683		252.141		0.000		1,027.058
NonRecurring												
EQUIP NONREC Group B (Active)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	4.610
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		4.610
Secondary Distribution												
Air Force Active	0	157.777	0	245.462	0	223.683	0	252.141	-	-	-	-
<i>Total, JSF F35 Mod</i>	0	157.777	0	245.462	0	223.683	0	252.141	0	0.000	0	1,031.668
<i>Total, All Modifications</i>		157.777		245.462		223.683		252.141		0.000		1,031.668
<i>Procurement Cost (Procurement + Support)</i>		157.777		245.462		223.683		252.141		0.000		1,031.668
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		157.777		245.462		223.683		252.141		0.000		1,031.668

Remarks:

Manufacturer Information: JSF F35 Mod

Manufacturer Name: Lockheed Martin Manufacturer Location: Fort Worth

Administrative Leadtime (in Months): 3 Production Leadtime (in Months): 23

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates	Mar 2012		Mar 2013	Dec 2013	Oct 2014	Oct 2015	Oct 2016
Delivery Dates	Feb 2014		Feb 2015	Nov 2015	Nov 2016	Nov 2017	Nov 2018

Installation: JSF F35 Mod	Method of Implementation: Org/Intermediate	Installation Quantity: 0
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Exhibit P-40, Budget Item Justification Sheet: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity:
3010F : Aircraft Procurement, Air Force / BA 5 : Modification of Inservice Aircraft / BSA 3 : Airlift Aircraft

P-1 Line Item Nomenclature:
41 - C-5 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)	925.710	110.446	71.040	6.967	-	6.967	21.856	39.384	47.637	48.288	20.975	1,292.303
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	925.710	110.446	71.040	6.967	-	6.967	21.856	39.384	47.637	48.288	20.975	1,292.303
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	925.710	110.446	71.040	6.967	-	6.967	21.856	39.384	47.637	48.288	20.975	1,292.303

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

Description:

This line item funds modifications to the C-5 aircraft. The four-engine C-5 carries outsized and heavy cargo (tanks, helicopters, etc.) between main operating bases. Additionally, the aircraft is capable of carrying 73 troops and 36 standard 463-L pallets. Modifications enhance operational capability while improving flight safety, reliability, and maintainability. Modifications budgeted and programmed are below. Primary production modification for FY13 is the block upgrade program. Projected allocations for reserve component requirements (modification kits and installation costs) are subject to total force mission priorities and aircraft availability. There are 102 C-5 aircraft in the Air Force fleet as of January 2012. The C-5 fleet was delivered to the Air Force from 1969 to 1989. Initial service life for the aircraft was 30,000 flight hours. The service life is expected to extend to 45,000 flight hours (2040 or beyond) for those aircraft receiving the reliability enhancement and re-engining program modification.

The Air Force plans to retire 59 C-5A aircraft, which will leave a total of 52 C-5B/C/M aircraft. Nine aircraft were retired in CY 2011.

Item Schedule		ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
C-5 (See enclosed P-40A)	P40A				925.710			110.446			63.440			0.605			0.000			0.605
C-5 Fleet Blk Upgrade 01 - 8965	P3A				-			-			7.600			6.362			-			6.362
Total Gross/Weapon System Cost					925.710			110.446			71.040			6.967			-			6.967
		ID CD	FY 2014			FY 2015			FY 2016			FY 2017			To Complete			Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
C-5 (See enclosed P-40A)	P40A				21.856			39.384			47.637			48.288			20.975			1,278.341

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

Appropriation / Budget Activity / Budget Sub Activity: 3010F : Aircraft Procurement, Air Force / BA 5 : Modification of Inservice Aircraft / BSA 3 : Airlift Aircraft	P-1 Line Item Nomenclature: 41 - C-5 Mods
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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 (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
C-5 Fleet Blk Upgrade 01 - 8965	P3A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13.962
Total Gross/Weapon System Cost					21.856			39.384			47.637			48.288			20.975			1,292.303

*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:
 With the exception of modifications listed in the P-40A, justification for individual modifications is provided in the P-3A exhibits.

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force															Date: February 2012				
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 3					P-1 Line Item Nomenclature: 41 - C-5 Mods					Aggregated Item Name: C-5									
Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
(Uncategorized)																			
1 - COMPARTMENT FLOOR CORROSION PREVENTION		-	0	2.187	-	0	0.000	-	0	0.566	-	0	0.156	-	0	0.000	-	0	0.156
<i>Secondary Distribution</i>																			
Air Force Active			0	0.315		0	0.000		0	0.000		0	0.000		0	0.000		0	0.000
Air National Guard			0	1.326		0	0.000		0	0.410		0	0.156		0	0.000		0	0.156
Air Force Reserve			0	0.546		0	0.000		0	0.156		0	0.000		0	0.000		0	0.000
2 - AVIONICS MODERNIZATION PROGRAM		-	90	688.490	-	0	31.445	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000
<i>Secondary Distribution</i>																			
Air Force Active			35	485.135		0	28.979		0	0.000		0	0.000		0	0.000		0	0.000
Air National Guard			18	68.657		0	2.466		0	0.000		0	0.000		0	0.000		0	0.000
Air Force Reserve			37	134.698		0	0.000		0	0.000		0	0.000		0	0.000		0	0.000
3 - LARGE AIRCRAFT INFRARED COUNTERMEASURES (LAIRC)		-	30	230.241	-	9	78.495	-	9	62.489	-	0	0.000	-	0	0.000	-	0	0.000
<i>Secondary Distribution</i>																			
Air Force Active			30	230.241		3	34.982		0	5.068		0	0.000		0	0.000		0	0.000
Air National Guard			0	0.000		0	0.000		0	0.000		0	0.000		0	0.000		0	0.000
Air Force Reserve			0	0.000		6	43.513		9	57.421		0	0.000		0	0.000		0	0.000
4 - C-5 Mission Systems Equipment-Lavatory		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.000		0	0.000		0	0.000
Air Force Reserve			0	0.000		0	0.000		0	0.000		0	0.000		0	0.000		0	0.000
5 - Mission Computer and Weather Radar		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000
<i>Secondary Distribution</i>																			

UNCLASSIFIED

Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 3 **P-1 Line Item Nomenclature:** 41 - C-5 Mods **Aggregated Item Name:** C-5

Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.000		0	0.000		0	0.000
Air Force Reserve			0	0.000		0	0.000		0	0.000		0	0.000		0	0.000		0	0.000
6 - LOW COST MODIFICATIONS		-	0	4.792	-	0	0.506	-	0	0.385	-	0	0.449	-	0	0.000	-	0	0.449
<i>Secondary Distribution</i>																			
Air Force Active			0	4.792		0	0.506		0	0.385		0	0.449		0	0.000		0	0.449
<i>Uncategorized Subtotal</i>				925.710			110.446			63.440			0.605			0.000			0.605
Total				925.710			110.446			63.440			0.605			0.000			0.605

UNCLASSIFIED

Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force														Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 3							P-1 Line Item Nomenclature: 41 - C-5 Mods							Aggregated Item Name: C-5					
Items († indicates the presence of a P-5A)	ID CD	FY 2014			FY 2015			FY 2016			FY 2017			To Complete			Total		
		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
(Uncategorized)																			
1 - COMPARTMENT FLOOR CORROSION PREVENTION		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	2.909
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.000						
Air National Guard			0	0.000		0	0.000		0	0.000		0	0.000						
Air Force Reserve			0	0.000		0	0.000		0	0.000		0	0.000						
2 - AVIONICS MODERNIZATION PROGRAM		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	90	719.935
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.000						
Air National Guard			0	0.000		0	0.000		0	0.000		0	0.000						
Air Force Reserve			0	0.000		0	0.000		0	0.000		0	0.000						
3 - LARGE AIRCRAFT INFRARED COUNTERMEASURES (LAIRCM)		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	48	371.225
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.000						
Air National Guard			0	0.000		0	0.000		0	0.000		0	0.000						
Air Force Reserve			0	0.000		0	0.000		0	0.000		0	0.000						
4 - C-5 Mission Systems Equipment-Lavatory		-	10	3.000	-	11	3.340	-	11	3.390	-	12	3.482	-	5	1.620	-	49	14.832
<i>Secondary Distribution</i>																			
Air Force Active			10	3.000		11	3.340		11	3.390		1	0.292						
Air Force Reserve			0	0.000		0	0.000		0	0.000		11	3.190						
5 - Mission Computer and Weather Radar		-	7	17.872	-	14	35.043	-	14	42.251	-	14	42.806	-	0	19.355	-	49	157.327
<i>Secondary Distribution</i>																			

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 3 **P-1 Line Item Nomenclature:** 41 - C-5 Mods **Aggregated Item Name:** C-5

Items († indicates the presence of a P-5A)	ID CD	FY 2014			FY 2015			FY 2016			FY 2017			To Complete			Total		
		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Air Force Active			7	17.872		14	35.043		12	39.055		0	17.677						
Air Force Reserve			0	0.000		0	0.000		2	3.196		14	25.129						
6 - LOW COST MODIFICATIONS		-	0	0.984	-	0	1.001	-	0	1.996	-	0	2.000	-	0	0.000	-	0	12.113
<i>Secondary Distribution</i>																			
Air Force Active			0	0.984		0	1.001		0	1.996		0	2.000						
<i>Uncategorized Subtotal</i>				21.856			39.384			47.637			48.288			0.000			1,278.341
Total				21.856			39.384			47.637			48.288			20.975			1,278.341

Remarks:

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Exhibit P-3A, Individual Modification: PB 2013 Air Force							Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 3			P-1 Line Item Nomenclature: 41 - C-5 Mods				Modification Nomenclature (<i>Modification Title, Modification Number</i>): C-5 Fleet Blk Upgrade 01 - 8965					
Models of Systems Affected: C-5A/B/C/M			Type Modification: Capability Improvement				Related RDT&E PEs: 0401119F					

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)	-	-	7.600	6.362	-	6.362	-	-	-	-	-	13.962
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	-	7.600	6.362	-	6.362	-	-	-	-	-	13.962
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	-	-	7.600	6.362	-	6.362	-	-	-	-	-	13.962

(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 Millions)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

FY13 Primary Effort: The first in a suite of fuel efficiency initiatives; the C-5 Aircraft Communication Addressing and Reporting System (ACARS) Aeronautical Operational Contact (AOC) message set requires updating to the standard message set published in mobility air forces ACARS concept of employment and standardized message set, 1 March 2010. Additional message sets need to be added to the standard, top-of-climb and start descent position reports for both AMP and RERP aircraft. This sustainment update will complete the automation of data for fuel analyses. The fuel efficiency office will use the revised, consistent data to fulfill Air Mobility Command fuels mandate of developing, tracking, and analyzing fuel usage metric.

Program costs include the funds to meet item unique identification requirements and diminishing manufacturing source requirements. PMA used for travel in support of ACARS.

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Exhibit P-3A, Individual Modification: PB 2013 Air Force									Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 3			P-1 Line Item Nomenclature: 41 - C-5 Mods						Modification Nomenclature (<i>Modification Title, Modification Number</i>): C-5 Fleet Blk Upgrade 01 - 8965			
Models of Systems Affected: C-5A/B/C/M			Type Modification: Capability Improvement				Related RDT&E PEs: 0401119F					
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
RDT&E PE #												
0401119F	0	9.906	0	19.370	0	0.000	0	0.000	0	0.000	0	0.000
Procurement												
C-5 Fleet Blk Upgrade 01												
A Kits												
Recurring												
INSTALL KITS Group A (Guard)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
INSTALL KITS Group A (Reserve)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
<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>0.000</i>
B Kits												
Recurring												
EQUIPMENT Group B (Guard)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
EQUIPMENT Group B (Reserve)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
<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>0.000</i>
NonRecurring												
EQUIP NONREC Group B (Active)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
EQUIP NONREC Group B (Guard)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
<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>0.000</i>
Secondary Distribution												
Air Force Active	0	0.000	0	0.000	0	7.600	0	6.362	0	0.000	0	6.362
<i>Total, C-5 Fleet Blk Upgrade 01</i>	<i>0</i>	<i>0.000</i>	<i>0</i>	<i>0.000</i>	<i>0</i>	<i>0.000</i>	<i>0</i>	<i>0.000</i>	<i>0</i>	<i>0.000</i>	<i>0</i>	<i>0.000</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>0.000</i>
Support												
SUPPORT- EQUIP	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
PMA - Gov't Costs	0	0.000	0	0.000	0	0.075	0	0.075	0	0.000	0	0.075
GFP	0	0.000	0	0.000	0	7.525	0	5.287	0	0.000	0	5.287
FLIGHT TEST	0	0.000	0	0.000	0	0.000	0	1.000	0	0.000	0	1.000
<i>Total Support Cost</i>		<i>0.000</i>		<i>0.000</i>		<i>7.600</i>		<i>6.362</i>		<i>0.000</i>		<i>6.362</i>
<i>Procurement Cost (Procurement + Support)</i>		<i>0.000</i>		<i>0.000</i>		<i>7.600</i>		<i>6.362</i>		<i>0.000</i>		<i>6.362</i>

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Exhibit P-3A, Individual Modification: PB 2013 Air Force									Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 3				P-1 Line Item Nomenclature: 41 - C-5 Mods					Modification Nomenclature (<i>Modification Title, Modification Number</i>): C-5 Fleet Blk Upgrade 01 - 8965					
Models of Systems Affected: C-5A/B/C/M			Type Modification: Capability Improvement				Related RDT&E PEs: 0401119F							
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)				0.000		0.000		7.600		6.362		0.000		6.362
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>
RDT&E PE #														
0401119F			0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	29.276
Procurement														
C-5 Fleet Blk Upgrade 01														
A Kits														
Recurring														
INSTALL KITS Group A (Guard)			0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
INSTALL KITS Group A (Reserve)			0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
<i>Subtotal Recurring</i>				0.000		0.000		0.000		0.000		0.000		0.000
B Kits														
Recurring														
EQUIPMENT Group B (Guard)			0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
EQUIPMENT Group B (Reserve)			0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
<i>Subtotal Recurring</i>				0.000		0.000		0.000		0.000		0.000		0.000
NonRecurring														
EQUIP NONREC Group B (Active)			0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
EQUIP NONREC Group B (Guard)			0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
<i>Subtotal NonRecurring</i>				0.000		0.000		0.000		0.000		0.000		0.000
Secondary Distribution														
Air Force Active			0	0.000	0	0.000	0	0.000	0	0.000	-	-	-	-
<i>Total, C-5 Fleet Blk Upgrade 01</i>			0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
<i>Total, All Modifications</i>				0.000		0.000		0.000		0.000		0.000		0.000
Support														
SUPPORT- EQUIP			0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 3	P-1 Line Item Nomenclature: 41 - C-5 Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): C-5 Fleet Blk Upgrade 01 - 8965

Models of Systems Affected: C-5A/B/C/M	Type Modification: Capability Improvement	Related RDT&E PEs: 0401119F
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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)
PMA - Gov't Costs	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.150
GFP	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	12.812
FLIGHT TEST	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	1.000
<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>13.962</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>13.962</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>0.000</i>
Total Cost (Procurement + Support + Installation)		0.000		0.000		0.000		0.000		0.000		13.962

Remarks:

Manufacturer Information: C-5 Fleet Blk Upgrade 01

Manufacturer Name: Honeywell	Manufacturer Location: Albuquerque, NM
Administrative Leadtime (in Months): 3	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: C-5 Fleet Blk Upgrade 01 **Method of Implementation:** Org/Intermediate **Installation Quantity:** 0

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

Appropriation / Budget Activity / Budget Sub Activity: 3010F : Aircraft Procurement, Air Force / BA 5 : Modification of Inservice Aircraft / BSA 3 : Airlift Aircraft	P-1 Line Item Nomenclature: 42 - C-5 AP
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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)	325.712	166.900	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	492.612
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	325.712	166.900	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	492.612
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	325.712	166.900	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	492.612
<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 Millions)	-	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-	-

Description:

This document justifies advance procurement (AP) contained in both P-1 line number 43 and P-1 line 45 in the P-1 Exhibit.

Starting with the FY12 PB Cycle, the C-5 reliability enhancement and re-engining program (RERP) AP was separated from C-5 AP to report requirements for FY12 & beyond.

AP requirements support funding to procure long-lead components for RERP. Full rate production of 11 kits per FY11-13 contract was approved in October 2010.

Equipment diminishing manufacturing source issues will be resolved to support continued operations through bridge buys, life-of-type buys, development, and redesign efforts.

FY11 Advance Procurement (AP) requirements support funding to procure long-lead components for 11 modification kits (Lot 5). Congress approved the purchase of 7 kits from FY11 funds. In order to meet contractual obligations FY09 and FY10 funds were sourced to procure the remaining 4 kits for Lot 5 AP.

Projected allocations by component are subject to total force mission priorities and aircraft availability.

The requirement for the total RERP aircraft breakdown (to include FY12 and FY13 in separate C-5 RERP AP P-1 line) is: Active 33, Reserve 16, Guard 0, Total 49.

Item Schedule	Exhibits	ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
			Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
42 - C-5 AP	P10		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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

Appropriation / Budget Activity / Budget Sub Activity: 3010F : Aircraft Procurement, Air Force / BA 5 : Modification of Inservice Aircraft / BSA 3 : Airlift Aircraft	P-1 Line Item Nomenclature: 42 - C-5 AP
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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		Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total			
Item Nomenclature*	Exhibits	ID CD	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Total Gross/Weapon System Cost					325.712			166.900			0.000			0.000			0.000			0.000

*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:
 No FY13 funding requested.

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Exhibit P-10, Advance Procurement Requirements Analysis (page 1 - Budget Funding Justification): PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 3	P-1 Line Item Nomenclature: 42 - C-5 AP	Item Nomenclature (Item Number, Item Name): 42 - C-5 AP
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ID Code (A=Service Ready, B=Not Service Ready) :	MDAP Code:
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First System (2013) Award Date: April 2007	First System (2013) Completion Date: September 2010	Interval Between Systems: 0 Months
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	Prior Years <i>(Each)</i>	FY 2011 <i>(Each)</i>	FY 2012 <i>(Each)</i>	FY 2013 <i>(Each)</i>	FY 2014 <i>(Each)</i>	FY 2015 <i>(Each)</i>	FY 2016 <i>(Each)</i>	FY 2017 <i>(Each)</i>	To Complete <i>(Each)</i>	Total <i>(Each)</i>
End Item Quantity	20	11	-	-	-	-	-	-	0	31

Cost Element	Procurement Leadtime <i>(Months)</i>	When Rqd <i>(Months)</i>	All Prior Years <i>(\$ M)</i>	FY 2011 <i>(\$ M)</i>	FY 2012 <i>(\$ M)</i>	FY 2013 <i>(\$ M)</i>	FY 2014 <i>(\$ M)</i>	FY 2015 <i>(\$ M)</i>	FY 2016 <i>(\$ M)</i>	FY 2017 <i>(\$ M)</i>	To Complete <i>(\$ M)</i>	Total <i>(\$ M)</i>
CFE												
Equipment	-	0	325.712	166.900	0.000	0.000	0.000	0.000	0.000	0.000	0.000	492.612
<i>CFE Subtotal</i>			<i>325.712</i>	<i>166.900</i>	<i>0.000</i>	<i>0.000</i>	<i>0.000</i>	<i>0.000</i>	<i>0.000</i>	<i>0.000</i>	<i>0.000</i>	<i>492.612</i>
Total Advance Procurement/Obligation Authority			325.712	166.900	0.000	0.000	0.000	0.000	0.000	0.000	0.000	492.612

UNCLASSIFIED

Exhibit P-10, Advance Procurement Requirements Analysis (page 2 - Budget Funding Justification): PB 2013 Air Force						Date: February 2012		
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 3			P-1 Line Item Nomenclature: 42 - C-5 AP			Item Nomenclature (Item Name, Item Number): 42 - C-5 AP		
ID Code (A=Service Ready, B=Not Service Ready) :					MDAP Code:			
				FY 2013				
				Unit Cost <i>(\$ M)</i>	Qty <i>(Each)</i>	Total Cost Request <i>(\$ M)</i>		
End Item				-	-	0.000		
			FY 2013					
Cost Elements			QPA <i>(Each)</i>	Procurement Leadtime <i>(Months)</i>	Unit Cost <i>(\$ M)</i>	Qty <i>(Each)</i>	Contract Forecast Date	Total Cost Request <i>(\$ M)</i>
CFE								
Equipment			-	-	-	-		0
Description:								

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

Appropriation / Budget Activity / Budget Sub Activity:
3010F : Aircraft Procurement, Air Force / BA 5 : Modification of Inservice Aircraft / BSA 3 : Airlift Aircraft

P-1 Line Item Nomenclature:
43 - C-5 RERP 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)	0.000	672.717	851.859	944.819	-	944.819	1,017.967	338.927	0.000	0.000	-	3,826.289
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	0.000	672.717	851.859	944.819	-	944.819	1,017.967	338.927	0.000	0.000	-	3,826.289
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	0.000	672.717	851.859	944.819	-	944.819	1,017.967	338.927	0.000	0.000	-	3,826.289

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

Description:

Funding prior to FY11 was \$845.528M and was under a different P-1 line.

This line item funds modifications to the C-5 aircraft. The four-engine C-5 carries outsized and heavy cargo between main operating bases. Prior to FY11, funds were budgeted in the C-5 P-1 modifications line.

BA06 Initial Spares requirement for FY13 is \$117.186M. Initial Spares are subject to Not To Exceed (NTE) contractual requirements as agreed to by Secretary Young during the Nunn-McCurdy decision. These amounts cannot be cut without re-opening the entire production contract. Prior to FY12 Initial Spares were part of BA05.

Item Schedule		ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
C-5 Reliability Enhancement and Re-Engining Program - 6154	P3A		-	-	0.000	-	-	672.717	-	-	851.859	-	-	944.819	-	-	-	-	-	944.819
Total Gross/Weapon System Cost					0.000			672.717			851.859			944.819			-			944.819
		ID CD	FY 2014			FY 2015			FY 2016			FY 2017			To Complete			Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
C-5 Reliability Enhancement and Re-Engining Program - 6154	P3A		-	-	1,017.967	-	-	338.927	-	-	-	-	-	-	-	-	-	-	-	3,826.289

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

Appropriation / Budget Activity / Budget Sub Activity: 3010F : Aircraft Procurement, Air Force / BA 5 : Modification of Inservice Aircraft / BSA 3 : Airlift Aircraft	P-1 Line Item Nomenclature: 43 - C-5 RERP Mods
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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 (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Total Gross/Weapon System Cost					1,017.967			338.927			0.000			0.000			-			3,826.289

*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:
 With the exception of modifications listed in the P-40A, justification for individual modifications is provided in the P-3A exhibits.

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 3	P-1 Line Item Nomenclature: 43 - C-5 RERP Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): C-5 Reliability Enhancement and Re-Engining Program - 6154

Models of Systems Affected: C-5B/C	Type Modification: Capability Improvement	Related RDT&E PEs: 0401119F
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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	672.717	851.859	944.819	-	944.819	1,017.967	338.927	-	-	-	3,826.289
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	0.000	672.717	851.859	944.819	-	944.819	1,017.967	338.927	-	-	-	3,826.289
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	0.000	672.717	851.859	944.819	-	944.819	1,017.967	338.927	-	-	-	3,826.289

(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 Millions)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

C-5 Reliability Enhancement and Re-engining Program (RERP) is a comprehensive modernization effort to improve aircraft reliability, maintainability and availability. This effort centers around replacing the current TF39 engines with more reliable, commercial off-the-shelf CF6 turbofan engines. The RERP modification increases payload capability and access to communication, navigation, surveillance/air traffic management (CNS/ATM) airspace through core mission computer (CMC), radar, and other Air Force (AF) bolt-ons like mode 5 identification, friend or foe (IFF), aircraft communication addressing and reporting system (ACARS), malfunction analysis detection and recording system (MADARS), Embedded Diagnostic Systems (EDS), etc. The modification also decreases aircraft time-to-climb, increases engine-out climb gradient for takeoff, improves transportation system throughput and decreases engine removals.

"Interim contractor support (ICS)" and "Equipment" costs include sustainment tasks for RERP peculiar systems, subsystems and/or components of the C-5M, to include the following: diminishing manufacturing source (DMS) costs for the identification, review, and monitoring of items with high DMS risk potential, classification of identified items according to criticality and expected obsolescence date, identification of alternatives for items having high DMS risks and non-recurring engineering (NRE)/replacement costs for DMS components. Additionally, "ICS" and "Equipment" includes NRE/replacement costs for equipment updates designed to increase availability and maintainability of components as identified during the fiscal year. Equipment DMS issues will be resolved to support continued operations through bridge buys, life-of-type buys, development, and redesign efforts.

"Change Orders" also include funding for over-and-above repairs of legacy aircraft components required to complete the C-5 RERP modification.

Initial spares funding in FY12-14 was moved to initial spares in BA-06.

Type I training costs are included under ICS due to nonavailability of training devices.

This program has associated RDT&E funding in PE 0401119F.

Beginning in FY11, C-5 RERP was established as a separate P-1 rather than being included with all C-5 modifications. This has created an anomaly wherein kit procurements in FY10 were not installed until FY11. For purposes of documentation, only 4 aircraft kits are identified in the aircraft breakdown section as being procured and installed prior to FY11. Similarly, this P3A only reflects that 45 aircraft kits were procured and installed in FY11 until completion.

The total production program aircraft installation breakdown is: Active 33, Reserve 16, Guard 0, Total 49. Allocations are subject to Total Force priorities and demand.

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 3	P-1 Line Item Nomenclature: 43 - C-5 RERP Mods	Modification Nomenclature <i>(Modification Title, Modification Number):</i> C-5 Reliability Enhancement and Re- Engineering Program - 6154
Models of Systems Affected: C-5B/C	Type Modification: Capability Improvement	Related RDT&E PEs: 0401119F

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Exhibit P-3A, Individual Modification: PB 2013 Air Force								Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 3				P-1 Line Item Nomenclature: 43 - C-5 RERP Mods				Modification Nomenclature (<i>Modification Title, Modification Number</i>): C-5 Reliability Enhancement and Re-Engining Program - 6154					
Models of Systems Affected: C-5B/C			Type Modification: Capability Improvement				Related RDT&E PEs: 0401119F						
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
RDT&E PE #													
0401119F	0	0.000	0	35.601	0	12.941	0	0.000	0	0.000	0	0.000	
Procurement													
C-5 Reliability Enhancement and Re-Engining Program													
B Kits													
Recurring													
EQUIPMENT Group B (Active)	5	0.000	7	347.311	11	538.871	6	308.163	0	0.000	6	308.163	
EQUIPMENT Group B (Guard)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	
EQUIPMENT Group B (Reserve)	0	0.000	0	0.000	0	0.000	5	256.803	0	0.000	5	256.803	
<i>Subtotal Recurring</i>		<i>0.000</i>		<i>347.311</i>		<i>538.871</i>		<i>564.966</i>		<i>0.000</i>		<i>564.966</i>	
Secondary Distribution													
Air Force Active	5	0.000	7	554.573	11	714.336	6	475.020	0	0.000	6	475.020	
Air National Guard	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	
Air Force Reserve	0	0.000	0	0.000	0	0.000	5	256.803	0	0.000	5	256.803	
<i>Total, C-5 Reliability Enhancement and Re-Engining Program</i>	<i>5</i>	<i>0.000</i>	<i>7</i>	<i>347.311</i>	<i>11</i>	<i>538.871</i>	<i>11</i>	<i>564.966</i>	<i>0</i>	<i>0.000</i>	<i>11</i>	<i>564.966</i>	
<i>Total, All Modifications</i>		<i>0.000</i>		<i>347.311</i>		<i>538.871</i>		<i>564.966</i>		<i>0.000</i>		<i>564.966</i>	
Support													
CHANGE ORDERS	0	0.000	0	34.352	0	66.277	0	80.109	0	0.000	0	80.109	
SIM/TRAINER	0	0.000	0	0.000	4	20.330	1	5.202	0	0.000	1	5.202	
SUPPORT- EQUIP	0	0.000	0	9.826	0	13.877	0	7.008	0	0.000	0	7.008	
A&AS	0	0.000	0	1.031	0	3.340	0	1.154	0	0.000	0	1.154	
GFE	0	0.000	0	27.100	0	32.388	0	33.818	0	0.000	0	33.818	
ICS-Labor	0	0.000	0	22.401	0	27.532	0	23.954	0	0.000	0	23.954	
ICS-Material	0	0.000	0	4.550	0	8.787	0	12.237	0	0.000	0	12.237	
PMA - Contractor Services	0	0.000	0	1.481	0	1.505	0	1.772	0	0.000	0	1.772	
PMA - Gov't Costs	0	0.000	0	1.730	0	1.330	0	1.502	0	0.000	0	1.502	
Install Spares	0	0.000	0	104.723	0	0.000	0	0.000	0	0.000	0	0.000	
OTHER GOVT	0	0.000	0	0.068	0	0.099	0	0.101	0	0.000	0	0.101	

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 3	P-1 Line Item Nomenclature: 43 - C-5 RERP Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): C-5 Reliability Enhancement and Re-Engining Program - 6154

Models of Systems Affected: C-5B/C	Type Modification: Capability Improvement	Related RDT&E PEs: 0401119F
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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		207.262		175.465		166.857		0.000		166.857
<i>Procurement Cost (Procurement + Support)</i>		0.000		554.573		714.336		731.823		0.000		731.823
<i>Total Installation Cost</i>		0.000		118.144		137.523		212.996		0.000		212.996
Total Cost (Procurement + Support + Installation)		0.000		672.717		851.859		944.819		0.000		944.819

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
RDT&E PE #												
0401119F	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	48.542
Procurement												
C-5 Reliability Enhancement and Re-Engining Program												
B Kits												
Recurring												
EQUIPMENT Group B (Active)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	29	1,194.345
EQUIPMENT Group B (Guard)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
EQUIPMENT Group B (Reserve)	11	574.744	0	31.999	0	0.000	0	0.000	0	0.000	16	863.546
<i>Subtotal Recurring</i>		<i>574.744</i>		<i>31.999</i>		<i>0.000</i>		<i>0.000</i>		<i>0.000</i>		<i>2,057.891</i>
Secondary Distribution												
Air Force Active	0	159.708	0	74.191	0	0.000	0	0.000	-	-	-	-
Air National Guard	0	0.000	0	0.000	0	0.000	0	0.000	-	-	-	-
Air Force Reserve	11	574.744	0	31.999	0	0.000	0	0.000	-	-	-	-
<i>Total, C-5 Reliability Enhancement and Re-Engining Program</i>	<i>11</i>	<i>574.744</i>	<i>0</i>	<i>31.999</i>	<i>0</i>	<i>0.000</i>	<i>0</i>	<i>0.000</i>	<i>0</i>	<i>0.000</i>	<i>45</i>	<i>2,057.891</i>
<i>Total, All Modifications</i>		<i>574.744</i>		<i>31.999</i>		<i>0.000</i>		<i>0.000</i>		<i>0.000</i>		<i>2,057.891</i>
Support												
CHANGE ORDERS	0	127.103	0	67.073	0	0.000	0	0.000	0	0.000	0	374.914
SIM/TRAINER	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	5	25.532
SUPPORT- EQUIP	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	30.711
A&AS	0	1.231	0	1.308	0	0.000	0	0.000	0	0.000	0	8.064

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 3	P-1 Line Item Nomenclature: 43 - C-5 RERP Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): C-5 Reliability Enhancement and Re-Engining Program - 6154

Models of Systems Affected: C-5B/C	Type Modification: Capability Improvement	Related RDT&E PEs: 0401119F
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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)
GFE	0	27.744	0	2.488	0	0.000	0	0.000	0	0.000	0	123.538
ICS-Labor	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	73.887
ICS-Material	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	25.574
PMA - Contractor Services	0	1.892	0	2.165	0	0.000	0	0.000	0	0.000	0	8.815
PMA - Gov't Costs	0	1.635	0	1.157	0	0.000	0	0.000	0	0.000	0	7.354
Install Spares	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	104.723
OTHER GOVT	0	0.103	0	0.000	0	0.000	0	0.000	0	0.000	0	0.371
Total Support Cost		159.708		74.191		0.000		0.000		0.000		783.483
Procurement Cost (Procurement + Support)		734.452		106.190		0.000		0.000		0.000		2,841.374
Total Installation Cost		283.515		232.737		0.000		0.000		0.000		984.915
Total Cost (Procurement + Support + Installation)		1,017.967		338.927		0.000		0.000		0.000		3,826.289

Remarks:

Manufacturer Information: C-5 Reliability Enhancement and Re-Engining Program

Manufacturer Name: Lockheed Martin	Manufacturer Location: Marietta, Georgia
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	Oct 2010	Oct 2011	Oct 2012	Oct 2013	Oct 2014		
Delivery Dates	Oct 2011	Oct 2012	Oct 2013	Oct 2014	Oct 2015		

Installation: C-5 Reliability Enhancement and Re-Engining Program **Method of Implementation:** Contractor Facility **Installation Name:**

Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ 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	118.144	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	5	118.144	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	7	137.523	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	7	137.523	-	-	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 3	P-1 Line Item Nomenclature: 43 - C-5 RERP Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): C-5 Reliability Enhancement and Re-Engining Program - 6154

Models of Systems Affected: C-5B/C	Type Modification: Capability Improvement	Related RDT&E PEs: 0401119F
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Installation: C-5 Reliability Enhancement and Re-Engining Program	Method of Implementation: Contractor Facility	Installation Name:
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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	-	-	-	-	-	-	11	212.996	-	-	11	212.996
Secondary Distribution - Air Force Active	-	-	-	-	-	-	11	212.996	-	-	11	212.996
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Reserve	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Reserve	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	0	0.000	0	0.000	0	0.000	-	-	0	0.000
Secondary Distribution - Air Force Active	-	-	0	0.000	0	0.000	0	0.000	-	-	0	0.000
Secondary Distribution - Air Force Reserve	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	5	118.144	7	137.523	11	212.996	-	-	11	212.996
Secondary Distribution - Air Force Active	-	-	5	118.144	7	137.523	11	212.996	-	-	11	212.996
Secondary Distribution - Air Force Reserve	-	-	-	-	-	-	-	-	-	-	-	-

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ 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	5	118.144
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	0	0.000	7	137.523
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	0	0.000	11	212.996
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	11	283.515	-	-	-	-	-	-	0	0.000	11	283.515
Secondary Distribution - Air Force Active	6	154.352	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Reserve	5	129.163	-	-	-	-	-	-	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 3	P-1 Line Item Nomenclature: 43 - C-5 RERP Mods	Modification Nomenclature <i>(Modification Title, Modification Number):</i> C-5 Reliability Enhancement and Re-Engining Program - 6154

Models of Systems Affected: C-5B/C	Type Modification: Capability Improvement	Related RDT&E PEs: 0401119F
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Installation: C-5 Reliability Enhancement and Re-Engining Program	Method of Implementation: Contractor Facility	Installation Name:
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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	-	-	11	232.737	-	-	-	-	0	0.000	11	232.737
Secondary Distribution - Air Force Reserve	-	-	11	232.737	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	0	0.000	0	0.000	-	-	-	-	0	0.000	0	0.000
Secondary Distribution - Air Force Active	0	0.000	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Reserve	0	0.000	0	0.000	-	-	-	-	-	-	-	-
Total	11	283.515	11	232.737	-	-	-	-	0	0.000	45	984.915
Secondary Distribution - Air Force Active	6	154.352	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Reserve	5	129.163	11	232.737	-	-	-	-	-	-	-	-

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	2	1	2	1	2	2	2	2	3	3	3	2	3	3	3	2	3	3	3	0	0	0	0	0	0	0	0	0	0	45
Out	0	0	0	0	0	1	1	2	1	2	2	2	3	2	3	3	3	3	2	3	3	3	3	2	1	0	0	0	0	0	0	45

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

Appropriation / Budget Activity / Budget Sub Activity:
3010F : Aircraft Procurement, Air Force / BA 5 : Modification of Inservice Aircraft / BSA 3 : Airlift Aircraft

P-1 Line Item Nomenclature:
44 - C-5 RERP AP 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)	0.000	0.000	112.200	175.800	0.000	175.800	0.000	0.000	0.000	0.000	0.000	288.000
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	0.000	0.000	112.200	175.800	0.000	175.800	0.000	0.000	0.000	0.000	0.000	288.000
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	0.000	0.000	112.200	175.800	0.000	175.800	0.000	0.000	0.000	0.000	0.000	288.000

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

Description:

Advance procurement (AP) funds support the procurement of long-lead components in support of reliability enhancement and re-engining program (RERP) modification #6154. See the P3A for that modification to obtain a full description/justification of the requirement. Equipment diminishing manufacturing source issues for the long-lead components will be resolved by use of these funds to support continued operations through bridge buys, life-of-type buys, development, and redesign efforts. Projected allocations by component are subject to total force mission priorities and aircraft availability. The requirement for the total program aircraft breakdown is: Active 33, Reserve 16, Guard 0, Total 49.

FY12 AP requirements supported funding to procure long-lead components for 11 modification kits (LOT 6). Congress approved the purchase of 7 kits from FY12 funds. In order to meet contractual obligations, FY11 funds were sourced to procure the remaining 4 kits.

This document presents FY12 - FY13 C-5 RERP AP funding data in P-1 Line #45. FY07 - FY11 C-5 AP funding data are located in P-1 Line #43.

Item Schedule		Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total			
Item Nomenclature*	Exhibits	ID CD	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
44 - C-5 RERP AP	P10		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Gross/Weapon System Cost					0.000			0.000			112.200			175.800			0.000			175.800

*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-40, Budget Item Justification Sheet: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F : Aircraft Procurement, Air Force / BA 5 : Modification of Inservice Aircraft / BSA 3 : Airlift Aircraft		P-1 Line Item Nomenclature: 44 - C-5 RERP AP Mods
ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:
<p>The FY13 budget of \$175.800M reflects the planned advance procurement (AP) of long-lead components to support the C-5 RERP modification. The budget fully funds the FY13 AP requirement. The AP quantity profile for FY13 is 11 aircraft (LOT 7). Installation and associated costs for AP items are identified in modification #6154. See the P3A for this modification for a complete description/justification of the requirement.</p>		

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Exhibit P-10, Advance Procurement Requirements Analysis (page 1 - Budget Funding Justification): PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 3	P-1 Line Item Nomenclature: 44 - C-5 RERP AP Mods	Item Nomenclature (Item Number, Item Name): 44 - C-5 RERP AP
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ID Code (A=Service Ready, B=Not Service Ready) :	MDAP Code:
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First System (2013) Award Date: October 2011	First System (2013) Completion Date: August 2014	Interval Between Systems: 0 Months
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	Prior Years <i>(Each)</i>	FY 2011 <i>(Each)</i>	FY 2012 <i>(Each)</i>	FY 2013 <i>(Each)</i>	FY 2014 <i>(Each)</i>	FY 2015 <i>(Each)</i>	FY 2016 <i>(Each)</i>	FY 2017 <i>(Each)</i>	To Complete <i>(Each)</i>	Total <i>(Each)</i>
End Item Quantity	-	-	7	11	-	-	-	-	0	18

Cost Element	Procurement Leadtime <i>(Months)</i>	When Rqd <i>(Months)</i>	All Prior Years <i>(\$ M)</i>	FY 2011 <i>(\$ M)</i>	FY 2012 <i>(\$ M)</i>	FY 2013 <i>(\$ M)</i>	FY 2014 <i>(\$ M)</i>	FY 2015 <i>(\$ M)</i>	FY 2016 <i>(\$ M)</i>	FY 2017 <i>(\$ M)</i>	To Complete <i>(\$ M)</i>	Total <i>(\$ M)</i>
CFE												
Equipment	-	0	0.000	0.000	112.200	175.800	0.000	0.000	0.000	0.000	0.000	288.000
<i>CFE Subtotal</i>			<i>0.000</i>	<i>0.000</i>	<i>112.200</i>	<i>175.800</i>	<i>0.000</i>	<i>0.000</i>	<i>0.000</i>	<i>0.000</i>	<i>0.000</i>	<i>288.000</i>
Total Advance Procurement/Obligation Authority			0.000	0.000	112.200	175.800	0.000	0.000	0.000	0.000	0.000	288.000

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Exhibit P-10, Advance Procurement Requirements Analysis (page 2 - Budget Funding Justification): PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 3	P-1 Line Item Nomenclature: 44 - C-5 RERP AP Mods	Item Nomenclature (Item Name, Item Number): 44 - C-5 RERP AP

ID Code (A=Service Ready, B=Not Service Ready) :	MDAP Code:						
	FY 2013						
End Item	<table border="1"> <tr> <th align="center">Unit Cost (\$ M)</th> <th align="center">Qty (Each)</th> <th align="center">Total Cost Request (\$ M)</th> </tr> <tr> <td align="center">-</td> <td align="center">11</td> <td align="center">175.800</td> </tr> </table>	Unit Cost (\$ M)	Qty (Each)	Total Cost Request (\$ M)	-	11	175.800
Unit Cost (\$ M)	Qty (Each)	Total Cost Request (\$ M)					
-	11	175.800					

Cost Elements	QPA (Each)	FY 2013					Total Cost Request (\$ M)
		Procurement Leadtime (Months)	Unit Cost (\$ M)	Qty (Each)	Contract Forecast Date		
CFE							
Equipment	-	-	-	-			176

Description:

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

Appropriation / Budget Activity / Budget Sub Activity:
3010F : Aircraft Procurement, Air Force / BA 5 : Modification of Inservice Aircraft / BSA 3 : Airlift Aircraft

P-1 Line Item Nomenclature:
45 - C-9 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)	0.010	0.000	0.009	0.000	-	0.000	0.000	0.000	0.000	0.000	-	0.019
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	0.010	0.000	0.009	0.000	-	0.000	0.000	0.000	0.000	0.000	-	0.019
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	0.010	0.000	0.009	0.000	-	0.000	0.000	0.000	0.000	0.000	-	0.019

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

Description:

This line item funds low-cost modifications and service bulletins for the C-9 aircraft, commercial equivalent to the DC-9. The C-9 aircraft is a twin-turboprop engine aircraft used for cargo and passenger airlift over medium ranges (2,000 miles). Service bulletins are necessary for continuing FAA certification while improving flight safety, reliability, and maintainability. The specific modifications budgeted and programmed are below.

Item Schedule		ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
C-9 (See enclosed P-40A)	P40A				0.010			0.000			0.009			0.000			0.000			0.000
Total Gross/Weapon System Cost					0.010			0.000			0.009			0.000			0.000			0.000

*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:

With the exception of modifications listed in the P-40A, justification for individual modifications is provided in the P-3A exhibits.

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 3	P-1 Line Item Nomenclature: 45 - C-9 Mods	Aggregated Item Name: C-9
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Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
(Uncategorized)																			
1 - SERVICE BULLETINS		-	0	0.005	-	0	0.000	-	0	0.005	-	0	0.000	-	0	0.000	-	0	0.000
<i>Secondary Distribution</i>																			
Air Force Active			0	0.005		0	0.000		0	0.005		0	0.000		0	0.000		0	0.000
2 - LOW COST MODIFICATIONS		-	0	0.005	-	0	0.000	-	0	0.004	-	0	0.000	-	0	0.000	-	0	0.000
<i>Secondary Distribution</i>																			
Air Force Active			0	0.005		0	0.000		0	0.004		0	0.000		0	0.000		0	0.000
<i>Uncategorized Subtotal</i>																			
				0.010			0.000			0.009			0.000			0.000			0.000
Total				0.010			0.000			0.009			0.000			0.000			0.000

UNCLASSIFIED

Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 3 **P-1 Line Item Nomenclature:** 45 - C-9 Mods **Aggregated Item Name:** C-9

Items († indicates the presence of a P-5A)	ID CD	FY 2014			FY 2015			FY 2016			FY 2017			To Complete			Total		
		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
(Uncategorized)																			
1 - SERVICE BULLETINS		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.010
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.000						
2 - LOW COST MODIFICATIONS		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.009
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.000						
Uncategorized Subtotal				0.000			0.000			0.000			0.000			0.000			0.019
Total				0.000			0.000			0.000			0.000			0.000			0.019

Remarks:

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

Appropriation / Budget Activity / Budget Sub Activity:
3010F : Aircraft Procurement, Air Force / BA 5 : Modification of Inservice Aircraft / BSA 3 : Airlift Aircraft

P-1 Line Item Nomenclature:
46 - C-17 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)	1,759.036	415.906	202.179	205.079	-	205.079	168.616	166.301	162.380	182.050	1,213.396	4,474.943
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	1,759.036	415.906	202.179	205.079	-	205.079	168.616	166.301	162.380	182.050	1,213.396	4,474.943
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	1,759.036	415.906	202.179	205.079	-	205.079	168.616	166.301	162.380	182.050	1,213.396	4,474.943

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

Description:

FY2011 funding totals include \$176.45M appropriated for Overseas Contingency Operations.

This line item funds modifications to the C-17 aircraft. The four engine C-17 is the only aircraft capable of routine delivery of outsize cargo (tanks, helicopters, etc.) to short, austere airfields. The aircraft can carry up to 102 troops, 36 litter patients, or 18 standard 463-L pallets. The C-17 inventory is 224 aircraft with a designated service life of 30 years. The average service life remaining is currently 21.6 years. Major C-17 modifications in FY13 include Pylon Stub FFLZ, Block 13-17 Retrofit, ER/OBIGGS II, and OBIGGS II.

Item Schedule		ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
C-17 (See enclosed P-40A)	P40A				1,094.712			246.575			38.286			9.379			0.000			9.379
Pylon Stub FFLZ, FF, Translating Fairing - 2000	P3A		-	-	15.701	-	-	0.199	-	-	10.956	-	-	21.058	-	-	-	-	-	21.058
C-17 Sim Threat Generator - 359	P3A		-	-	0.095	-	-	-	-	-	-	-	-	11.697	-	-	-	-	-	11.697
Block 13 to 17 Retrofit - 8962	P3A		-	-	461.800	-	-	148.049	-	-	77.036	-	-	138.217	-	-	-	-	-	138.217
IFF GATM Mode 5 - 1508	P3A		-	-	-	-	-	-	-	-	3.009	-	-	5.242	-	-	-	-	-	5.242
OBIGGS II - 6402	P3A		-	-	57.299	-	-	5.344	-	-	9.764	-	-	5.312	-	-	-	-	-	5.312
Extended Range Retrofit/ OBIGGS II - 6412	P3A		-	-	129.429	-	-	15.739	-	-	63.128	-	-	14.174	-	-	-	-	-	14.174

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

Appropriation / Budget Activity / Budget Sub Activity:
 3010F : Aircraft Procurement, Air Force / BA 5 : Modification of Inservice Aircraft /
 BSA 3 : Airlift Aircraft **P-1 Line Item Nomenclature:**
 46 - C-17 Mods

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 (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Total Gross/Weapon System Cost					1,759.036			415.906			202.179			205.079			-			205.079
		ID CD	FY 2014			FY 2015			FY 2016			FY 2017			To Complete			Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
C-17 (See enclosed P-40A)	P40A			8.769			11.341			32.409			40.379			328.401			1,810.251	
Pylon Stub FFLZ, FF, Translating Fairing - 2000	P3A		-	-	22.057	-	-	23.090	-	-	3.956	-	-	3.931	-	-	-	-	100.948	
C-17 Sim Threat Generator - 359	P3A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11.792	
Block 13 to 17 Retrofit - 8962	P3A		-	-	84.343	-	-	44.550	-	-	-	-	-	-	-	-	-	-	953.995	
IFF GATM Mode 5 - 1508	P3A		-	-	14.414	-	-	18.336	-	-	20.618	-	-	23.183	-	-	35.968	-	-	120.770
OBIGGS II - 6402	P3A		-	-	11.124	-	-	16.185	-	-	27.101	-	-	33.387	-	-	224.131	-	-	389.647
Extended Range Retrofit/ OBIGGS II - 6412	P3A		-	-	27.909	-	-	52.799	-	-	78.296	-	-	81.170	-	-	624.896	-	-	1,087.540
Total Gross/Weapon System Cost					168.616			166.301			162.380			182.050			1,213.396			4,474.943

*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:
 With the exception of modifications listed in the P-40A, justification for individual modifications is provided in the P-3A exhibits.

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 3 **P-1 Line Item Nomenclature:** 46 - C-17 Mods **Aggregated Item Name:** C-17

Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
(Uncategorized)																			
1 - ELT Frequency Change		-	0	0.000	-	33	1.340	-	94	1.366	-	94	1.420	-	0	0.000	-	94	1.420
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		33	1.340		94	1.366		65	0.982		0	0.000		65	0.982
Air National Guard			0	0.000		0	0.000		0	0.000		13	0.196		0	0.000		13	0.196
Air Force Reserve			0	0.000		0	0.000		0	0.000		16	0.242		0	0.000		16	0.242
2 - MFOQA		-	175	0.000	-	29	1.840	-	18	2.660	-	0	4.413	-	0	0.000	-	0	4.413
<i>Secondary Distribution</i>																			
Air Force Active			175	0.000		0	1.840		18	2.660		0	4.413		0	0.000		0	4.413
Air National Guard			0	0.000		13	0.000		0	0.000		0	0.000		0	0.000		0	0.000
Air Force Reserve			0	0.000		16	0.000		0	0.000		0	0.000		0	0.000		0	0.000
3 - Replacement Heads Up Display (RHUD)		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.000		0	0.000		0	0.000
Air National Guard			0	0.000		0	0.000		0	0.000		0	0.000		0	0.000		0	0.000
Air Force Reserve			0	0.000		0	0.000		0	0.000		0	0.000		0	0.000		0	0.000
4 - NEXT GEN CNS/ATM		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.000		0	0.000		0	0.000
Air National Guard			0	0.000		0	0.000		0	0.000		0	0.000		0	0.000		0	0.000
Air Force Reserve			0	0.000		0	0.000		0	0.000		0	0.000		0	0.000		0	0.000
5 - LARGE AIRCRAFT INFRARED COUNTERMEASURES (LAIRCM)		-	136	1,093.434	-	29	220.285	-	0	32.672	-	0	0.000	-	0	0.000	-	0	0.000
<i>Secondary Distribution</i>																			
Air Force Active			109	1,007.694		29	220.285		0	32.672		0	0.000		0	0.000		0	0.000
Air National Guard			12	45.774		0	0.000		0	0.000		0	0.000		0	0.000		0	0.000

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 3 **P-1 Line Item Nomenclature:** 46 - C-17 Mods **Aggregated Item Name:** C-17

Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Air Force Reserve			15	39.966		0	0.000		0	0.000		0	0.000		0	0.000		0	0.000
6 - Mobility Air Force Dynamic Retasking Capability (MAF DRC)		-	0	0.000	-	23	23.110	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		23	23.110		0	0.000		0	0.000		0	0.000		0	0.000
7 - Communication and Navigation Capability		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.000		0	0.000		0	0.000
Air National Guard			0	0.000		0	0.000		0	0.000		0	0.000		0	0.000		0	0.000
Air Force Reserve			0	0.000		0	0.000		0	0.000		0	0.000		0	0.000		0	0.000
8 - ILS Identification and Flight Control Computer Updates		-	0	0.000	-	0	0.000	-	2	0.628	-	38	1.546	-	0	0.000	-	38	1.546
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		2	0.628		38	1.546		0	0.000		38	1.546
Air National Guard			0	0.000		0	0.000		0	0.000		0	0.000		0	0.000		0	0.000
Air Force Reserve			0	0.000		0	0.000		0	0.000		0	0.000		0	0.000		0	0.000
9 - LOW COST MODIFICATIONS		-	0	1.278	-	0	0.000	-	0	0.960	-	0	2.000	-	0	0.000	-	0	2.000
<i>Secondary Distribution</i>																			
Air Force Active			0	1.278		0	0.000		0	0.960		0	2.000		0	0.000		0	2.000
Uncategorized Subtotal				1,094.712			246.575			38.286			9.379			0.000			9.379
Total				1,094.712			246.575			38.286			9.379			0.000			9.379

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force															Date: February 2012				
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 3							P-1 Line Item Nomenclature: 46 - C-17 Mods							Aggregated Item Name: C-17					
Items († indicates the presence of a P-5A)	ID CD	FY 2014			FY 2015			FY 2016			FY 2017			To Complete			Total		
		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
(Uncategorized)																			
1 - ELT Frequency Change		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	221	4.126
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.000						
Air National Guard			0	0.000		0	0.000		0	0.000		0	0.000						
Air Force Reserve			0	0.000		0	0.000		0	0.000		0	0.000						
2 - MFOQA		-	0	4.763	-	0	3.892	-	0	0.000	-	0	0.000	-	0	0.000	-	222	17.568
<i>Secondary Distribution</i>																			
Air Force Active			0	4.763		0	1.686		0	0.000		0	0.000						
Air National Guard			0	0.000		0	0.989		0	0.000		0	0.000						
Air Force Reserve			0	0.000		0	1.217		0	0.000		0	0.000						
3 - Replacement Heads Up Display (RHUD)		-	0	0.000	-	1	2.783	-	32	23.933	-	33	28.192	-	155	147.412	-	221	202.320
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		1	2.783		32	23.933		33	28.192						
Air National Guard			0	0.000		0	0.000		0	0.000		0	0.000						
Air Force Reserve			0	0.000		0	0.000		0	0.000		0	0.000						
4 - NEXT GEN CNS/ATM		-	0	0.000	-	1	1.162	-	85	4.714	-	88	8.356	-	489	177.281	-	663	191.513
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		1	1.162		85	4.714		88	8.356						
Air National Guard			0	0.000		0	0.000		0	0.000		0	0.000						
Air Force Reserve			0	0.000		0	0.000		0	0.000		0	0.000						
5 - LARGE AIRCRAFT INFRARED COUNTERMEASURES (LAIRCM)		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	165	1,346.391
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.000						
Air National Guard			0	0.000		0	0.000		0	0.000		0	0.000						

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 3 **P-1 Line Item Nomenclature:** 46 - C-17 Mods **Aggregated Item Name:** C-17

Items († indicates the presence of a P-5A)	ID CD	FY 2014			FY 2015			FY 2016			FY 2017			To Complete			Total		
		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Air Force Reserve			0	0.000		0	0.000		0	0.000		0	0.000						
6 - Mobility Air Force Dynamic Retasking Capability (MAF DRC)		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	23	23.110
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.000						
7 - Communication and Navigation Capability		-	0	0.550	-	1	0.007	-	33	0.211	-	33	0.218	-	154	1.144	-	221	2.130
<i>Secondary Distribution</i>																			
Air Force Active			0	0.550		1	0.007		33	0.211		33	0.218						
Air National Guard			0	0.000		0	0.000		0	0.000		0	0.000						
Air Force Reserve			0	0.000		0	0.000		0	0.000		0	0.000						
8 - ILS Identification and Flight Control Computer Updates		-	33	1.456	-	33	1.497	-	33	1.551	-	33	1.613	-	49	2.564	-	221	10.855
<i>Secondary Distribution</i>																			
Air Force Active			33	1.456		33	1.497		33	1.551		33	1.613						
Air National Guard			0	0.000		0	0.000		0	0.000		0	0.000						
Air Force Reserve			0	0.000		0	0.000		0	0.000		0	0.000						
9 - LOW COST MODIFICATIONS		-	0	2.000	-	0	2.000	-	0	2.000	-	0	2.000	-	0	0.000	-	0	12.238
<i>Secondary Distribution</i>																			
Air Force Active			0	2.000		0	2.000		0	2.000		0	2.000						
<i>Uncategorized Subtotal</i>				8.769			11.341			32.409			40.379			0.000			1,810.251
Total				8.769			11.341			32.409			40.379			328.401			1,810.251

Remarks:

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 3	P-1 Line Item Nomenclature: 46 - C-17 Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Pylon Stub FFLZ, FF, Translating Fairing - 2000

Models of Systems Affected: C-17	Type Modification: Safety	Related RDT&E PEs: 0401130F
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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)	15.701	0.199	10.956	21.058	-	21.058	22.057	23.090	3.956	3.931	-	100.948
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	15.701	0.199	10.956	21.058	-	21.058	22.057	23.090	3.956	3.931	-	100.948
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	15.701	0.199	10.956	21.058	-	21.058	22.057	23.090	3.956	3.931	-	100.948

(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 Millions)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

This retrofit project consists of seven separate projects done concurrently to save labor hours and to reduce cost and schedule risk. This project retrofits 130 C-17 aircraft (P1-P72 & P-74-P131) for multiple actions to the pylon stub, fixed fairing, translating fairing, and wing leading edge.

The first project is correction of the Flammable Fluid Leakage Zone (FFLZ) areas of the pylon stub, fixed and translating fairings, and the wing leading edge. Drainage and ventilation improvements to these FFLZ areas must be accomplished in order to resolve safety and crisis management team issues. Development and production cut-in at P103 of the FFLZ fixes was done under NC039630 using Boeing sustainment funds. Since retrofit of the FFLZ fixes requires removal and disassembly of the fixed and translating fairings, significant synergy and a major reduction in risk is achieved by combining retrofit projects.

The second project is the retrofit of a new titanium fixed fairing (FF) designed to resolve maintenance and dropped object issues. High temperatures and acoustic loads have led to significant problems with the existing aluminum design. Development of the fixed fairing was done under Contract Change Proposal (CCP)-441 using Material Improvement Program (MIP) Implementation funds, and production cut-in at P132 was done under CCP-484 using production funds.

The third project is incorporation of the new translating fairing slider bearings. Development and production cut-in at P74 of the bearings was accomplished under CCP-357 and 359 respectively using MIP implementation funds. The two forward slider bearings were previously retrofitted; this project completes the retrofit by correcting the aft slider bearing.

The fourth project in the retrofit program is replacement of translating fairing rivets, which have also led to multiple dropped object incidents. The new rivets were cut-in at P102 under NC044304 using Boeing sustaining funds. The original concept for retrofit was to rework existing fairings. However, a trade study revealed that reworked fairings cost 86% of the cost of new fairings. Therefore, rivet replacement will be accomplished indirectly by purchasing new translating fairings instead of reworking existing fairings.

Three minor additional changes (FC057675 - Fixed Fairing Seal, MC059853 - Fairing Assy Lower-pylon Wing, and NC060372 - Translating Wing Stub Fairing Assy) were included to remain compatible with the current production configuration. The retrofit configuration is the current production configuration.

All 130 installs of Pylon Stub FFLZ are scheduled to be complete by FY17.

Funding may be used to alleviate Diminishing Manufacturing Sources (DMS) issues.

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 3	P-1 Line Item Nomenclature: 46 - C-17 Mods	Modification Nomenclature <i>(Modification Title, Modification Number):</i> Pylon Stub FFLZ, FF, Translating Fairing - 2000
Models of Systems Affected: C-17	Type Modification: Safety	Related RDT&E PEs: 0401130F

Project allocations by component are subject to total force mission priorities and aircraft availability.

In calendar year 2011, 11 aircraft were reassigned from the active force to the reserve and guard. 7 aircraft were assigned to the reserve at Wright-Patterson AFB and 4 aircraft were assigned to the guard at Stewart NGB NY.

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Exhibit P-3A, Individual Modification: PB 2013 Air Force										Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 3					P-1 Line Item Nomenclature: 46 - C-17 Mods					Modification Nomenclature (<i>Modification Title, Modification Number</i>): Pylon Stub FFLZ, FF, Translating Fairing - 2000			
Models of Systems Affected: C-17				Type Modification: Safety						Related RDT&E PEs: 0401130F			
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
Pylon Stub FFLZ, FF, Translating Fairing													
A Kits													
Recurring													
INSTALL KITS Group A (Active)													
	30	15.701	0	0.000	15	9.003	29	18.968	0	0.000	29	18.968	
INSTALL KITS Group A (Guard)													
	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	
INSTALL KITS Group A (Reserve)													
	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	
<i>Subtotal Recurring</i>													
		15.701		0.000		9.003		18.968		0.000		18.968	
Secondary Distribution													
Air Force Active													
	30	15.701	0	0.000	15	9.899	29	19.900	0	0.000	29	19.900	
Air National Guard													
	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	
Air Force Reserve													
	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	
<i>Total, Pylon Stub FFLZ, FF, Translating Fairing</i>													
	30	15.701	0	0.000	15	9.003	29	18.968	0	0.000	29	18.968	
<i>Total, All Modifications</i>													
		15.701		0.000		9.003		18.968		0.000		18.968	
Support													
OTHER GOVT													
	0	0.000	0	0.000	0	0.896	0	0.932	0	0.000	0	0.932	
<i>Total Support Cost</i>													
		0.000		0.000		0.896		0.932		0.000		0.932	
<i>Procurement Cost (Procurement + Support)</i>													
		15.701		0.000		9.899		19.900		0.000		19.900	
<i>Total Installation Cost</i>													
		0.000		0.199		1.057		1.158		0.000		1.158	
Total Cost (Procurement + Support + Installation)													
		15.701		0.199		10.956		21.058		0.000		21.058	
Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
Pylon Stub FFLZ, FF, Translating Fairing													
A Kits													
Recurring													
INSTALL KITS Group A (Active)													
	29	19.773	6	4.328	0	0.000	0	0.000	0	0.000	109	67.773	

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 3	P-1 Line Item Nomenclature: 46 - C-17 Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Pylon Stub FFLZ, FF, Translating Fairing - 2000

Models of Systems Affected: C-17	Type Modification: Safety	Related RDT&E PEs: 0401130F
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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)
INSTALL KITS Group A (Guard)	0	0.000	13	9.377	0	0.000	0	0.000	0	0.000	13	9.377
INSTALL KITS Group A (Reserve)	0	0.000	8	5.771	0	0.000	0	0.000	0	0.000	8	5.771
<i>Subtotal Recurring</i>		19.773		19.476		0.000		0.000		0.000		82.921
Secondary Distribution												
Air Force Active	29	20.743	6	5.336	0	1.049	0	1.091	-	-	-	-
Air National Guard	0	0.000	13	9.377	0	0.000	0	0.000	-	-	-	-
Air Force Reserve	0	0.000	8	5.771	0	0.000	0	0.000	-	-	-	-
<i>Total, Pylon Stub FFLZ, FF, Translating Fairing</i>	29	19.773	27	19.476	0	0.000	0	0.000	0	0.000	130	82.921
<i>Total, All Modifications</i>		19.773		19.476		0.000		0.000		0.000		82.921
Support												
OTHER GOVT	0	0.970	0	1.008	0	1.049	0	1.091	0	0.000	0	5.946
<i>Total Support Cost</i>		0.970		1.008		1.049		1.091		0.000		5.946
<i>Procurement Cost (Procurement + Support)</i>		20.743		20.484		1.049		1.091		0.000		88.867
<i>Total Installation Cost</i>		1.314		2.606		2.907		2.840		0.000		12.081
Total Cost (Procurement + Support + Installation)		22.057		23.090		3.956		3.931		0.000		100.948

Remarks:

Manufacturer Information: Pylon Stub FFLZ, FF, Translating Fairing

Manufacturer Name: The Boeing Company	Manufacturer Location: Long Beach, Ca
Administrative Leadtime (in Months): 3	Production Leadtime (in Months): 24

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

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 3	P-1 Line Item Nomenclature: 46 - C-17 Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Pylon Stub FFLZ, FF, Translating Fairing - 2000

Models of Systems Affected: C-17	Type Modification: Safety	Related RDT&E PEs: 0401130F
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Installation: Pylon Stub FFLZ, FF, Translating Fairing	Method of Implementation: Combination	Installation Name:
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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	0.199	14	1.057	15	1.158	-	-	15	1.158
Secondary Distribution - Air Force Active	-	-	1	0.199	14	1.057	15	1.158	-	-	15	1.158
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air National Guard	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Reserve	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	0	0.000	0	0.000	0	0.000	-	-	0	0.000
Secondary Distribution - Air Force Active	-	-	0	0.000	0	0.000	0	0.000	-	-	0	0.000
Secondary Distribution - Air National Guard	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Reserve	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	1	0.199	14	1.057	15	1.158	-	-	15	1.158
Secondary Distribution - Air Force Active	-	-	1	0.199	14	1.057	15	1.158	-	-	15	1.158
Secondary Distribution - Air National Guard	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Reserve	-	-	-	-	-	-	-	-	-	-	-	-

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ 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	30	2.414
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 3	P-1 Line Item Nomenclature: 46 - C-17 Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Pylon Stub FFLZ, FF, Translating Fairing - 2000

Models of Systems Affected: C-17	Type Modification: Safety	Related RDT&E PEs: 0401130F
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Installation: Pylon Stub FFLZ, FF, Translating Fairing	Method of Implementation: Combination	Installation Name:
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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	15	1.314	-	-	-	-	-	-	0	0.000	15	1.314
Secondary Distribution - Air Force Active	15	1.314	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	29	2.606	-	-	-	-	0	0.000	29	2.606
Secondary Distribution - Air Force Active	-	-	29	2.606	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	29	2.907	-	-	0	0.000	29	2.907
Secondary Distribution - Air Force Active	-	-	-	-	29	2.907	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	27	2.840	0	0.000	27	2.840
Secondary Distribution - Air Force Active	-	-	-	-	-	-	6	0.631	-	-	-	-
Secondary Distribution - Air National Guard	-	-	-	-	-	-	13	1.367	-	-	-	-
Secondary Distribution - Air Force Reserve	-	-	-	-	-	-	8	0.842	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
Secondary Distribution - Air Force Active	0	0.000	0	0.000	0	0.000	0	0.000	-	-	-	-
Secondary Distribution - Air National Guard	-	-	-	-	-	-	0	0.000	-	-	-	-
Secondary Distribution - Air Force Reserve	-	-	-	-	-	-	0	0.000	-	-	-	-
Total	15	1.314	29	2.606	29	2.907	27	2.840	0	0.000	130	12.081
Secondary Distribution - Air Force Active	15	1.314	29	2.606	29	2.907	6	0.631	-	-	-	-
Secondary Distribution - Air National Guard	-	-	-	-	-	-	13	1.367	-	-	-	-
Secondary Distribution - Air Force Reserve	-	-	-	-	-	-	8	0.842	-	-	-	-

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	0	0	1	0	0	3	3	4	4	4	3	4	4	4	3	4	4	4	7	7	7	8	7	7	7	8	7	7	7	6	0	130
Out	0	0	0	1	0	0	3	3	4	4	4	3	4	4	4	3	4	4	4	7	7	7	8	7	7	7	8	7	7	7	6	130

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 3	P-1 Line Item Nomenclature: 46 - C-17 Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): C-17 Sim Threat Generator - 359

Models of Systems Affected: C-17	Type Modification: Other	Related RDT&E PEs: 0401897F
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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)	0.095	-	-	11.697	-	11.697	-	-	-	-	-	11.792
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	0.095	-	-	11.697	-	11.697	-	-	-	-	-	11.792
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	0.095	-	-	11.697	-	11.697	-	-	-	-	-	11.792

(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 Millions)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

Expert Common Immersive Theater Environment (XCITE) threat generator is a PC-based product/software that allows dynamic/real-world threats to be integrated into simulators for mission rehearsal and other training events. More specifically, this product will allow C-17 simulators to immerse aircrews into high threat environments during distributed mission operation training events and virtual exercises. This modification was directed by AMC as part of new tactical training initiative.

The intent of this effort is to fully integrate XCITE and its components into the C-17 training baseline. This modification will impact the software baselines for 26 aircraft simulators and 19 loadmaster simulator stations as well as the existing courseware, training management system, and computer-based training modules. This effort will also interface the simulator instructor operator system (IOS) directly with the battle monitor on the threat generator and add necessary modeling entities into the underlying aerodynamic model embedded in the simulator.

The Sim Threat Generator program is a new start and will be complete in FY13. It will be implemented by the contractors who manage the simulators.

Funding may be used to alleviate Diminishing Manufacturing Sources (DMS) issues.

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Exhibit P-3A, Individual Modification: PB 2013 Air Force										Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 3					P-1 Line Item Nomenclature: 46 - C-17 Mods					Modification Nomenclature (<i>Modification Title, Modification Number</i>): C-17 Sim Threat Generator - 359			
Models of Systems Affected: C-17				Type Modification: Other				Related RDT&E PEs: 0401897F					
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	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-17 Sim Threat Generator													
Secondary Distribution													
Air Force Active													
	0	0.095	0	0.000	0	0.000	0	11.697	0	0.000	0	11.697	
<i>Total, C-17 Sim Threat Generator</i>													
	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	
<i>Total, All Modifications</i>													
		0.000		0.000		0.000		0.000		0.000		0.000	
Support													
SIM/TRAINER													
	0	0.000	0	0.000	0	0.000	0	2.025	0	0.000	0	2.025	
GFP													
	0	0.095	0	0.000	0	0.000	0	9.672	0	0.000	0	9.672	
<i>Total Support Cost</i>													
		0.095		0.000		0.000		11.697		0.000		11.697	
<i>Procurement Cost (Procurement + Support)</i>													
		0.095		0.000		0.000		11.697		0.000		11.697	
<i>Total Installation Cost</i>													
		0.000		0.000		0.000		0.000		0.000		0.000	
Total Cost (Procurement + Support + Installation)													
		0.095		0.000		0.000		11.697		0.000		11.697	
Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	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-17 Sim Threat Generator													
Secondary Distribution													
Air Force Active													
	0	0.000	0	0.000	0	0.000	0	0.000	-	-	-	-	
<i>Total, C-17 Sim Threat Generator</i>													
	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	
<i>Total, All Modifications</i>													
		0.000		0.000		0.000		0.000		0.000		0.000	
Support													
SIM/TRAINER													
	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	2.025	
GFP													
	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	9.767	
<i>Total Support Cost</i>													
		0.000		0.000		0.000		0.000		0.000		11.792	
<i>Procurement Cost (Procurement + Support)</i>													
		0.000		0.000		0.000		0.000		0.000		11.792	
<i>Total Installation 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 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 3	P-1 Line Item Nomenclature: 46 - C-17 Mods	Modification Nomenclature <i>(Modification Title, Modification Number):</i> C-17 Sim Threat Generator - 359
Models of Systems Affected: C-17	Type Modification: Other	Related RDT&E PEs: 0401897F

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty <i>(Each)</i>	Total Cost <i>(\$ M)</i>	Qty <i>(Each)</i>	Total Cost <i>(\$ M)</i>	Qty <i>(Each)</i>	Total Cost <i>(\$ M)</i>	Qty <i>(Each)</i>	Total Cost <i>(\$ M)</i>	Qty <i>(Each)</i>	Total Cost <i>(\$ M)</i>	Qty <i>(Each)</i>	Total Cost <i>(\$ M)</i>
Total Cost (Procurement + Support + Installation)		0.000		0.000		0.000		0.000		0.000		11.792

Remarks:

Manufacturer Information: C-17 Sim Threat Generator	
Manufacturer Name: N/A	Manufacturer Location: N/A
Administrative Leadtime <i>(in Months)</i> : 3	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: C-17 Sim Threat Generator	Method of Implementation: Org/Intermediate	Installation Quantity: 0
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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 3	P-1 Line Item Nomenclature: 46 - C-17 Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Block 13 to 17 Retrofit - 8962

Models of Systems Affected: C-17	Type Modification: Capability Improvement	Related RDT&E PEs: 0401130F
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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)	461.800	148.049	77.036	138.217	-	138.217	84.343	44.550	-	-	-	953.995
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	461.800	148.049	77.036	138.217	-	138.217	84.343	44.550	-	-	-	953.995
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	461.800	148.049	77.036	138.217	-	138.217	84.343	44.550	-	-	-	953.995

(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 Millions)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

This modification project includes block 14, 15, 16 and 17 projects incorporated into one integrated retrofit work package for the block 13 baseline on 152 C-17 aircraft (P1-P152) facilitating a homogeneous configuration. This project is accomplished in conjunction with the Extended Range (ER)/On Board Inert Gas Generating System (OBIGGS II) modification when possible. Production cut-in of the block 17 aircraft began with P153.

Block 14: Mobility 2000 (M2K), MN_6406, provides an Aircraft Communications Addressing and Reporting System (ACARS) capability for data link communications between the aircraft and the Tanker Airlift Control Center (TACC). Production cut-in of M2K began with P98. Secure Enroute Communications Package (SECOMP-I), MN_6411, adds three UHF SATCOM antennas, two US Army multi-bank VHF/UHF antennas, two additional SATCOM antennas and adds a cargo compartment communications panel. Production cut-in of SECOMP-I began with P106.

Block 15: Communication Open System Architecture (COSA), MN_4660, updates the design of the communications systems to add growth capacity through an open systems architecture approach. Production cut-in of COSA began with P121.

Block 16: Weather Radar Replacement, MN_6422, replaces the current AN/APS-133 weather radar. Production cut-in of the new weather radar began with P138. Stabilizer Strut Retrofit, MN_9735, implements design changes to the stabilizer strut system. Production cut-in of the stabilizer strut retrofit began with P138.

Block 17: Formation Flying System (FFS), MN_3056, replaces Station Keeping Equipment (SKE) to enable formation flight in all weather conditions and provides Global Response Force (GRF) capability (53 aircraft across the drop zone in 30 minutes). Production cut-in of FFS began with P153 with upgraded FFS production cut-in scheduled to begin with P212. Global Air Traffic Management/Required Navigational Performance - Improved (GATM/RNP-I), MN_6414, provides the capability to maintain precise control of navigation accuracy to within one nautical mile of the aircraft's planned position while enroute and 0.3 nautical miles in the terminal area. The capability for HF Data Link (HFDL) operations as a back-up datalink to the AERO-I capability is also included in RNP-I. Production cut-in of GATM/RNP-I began with P153. Combat Lighting, MN_8608 provides covert Night Vision Goggle (NVG) capabilities for the cockpit, rear cargo area and all external lighting systems. Production cut-in of combat lighting began with P153.

Installs performed at Boeing Support Systems - San Antonio (BSS-SA) and Warner Robins - Air Logistics Center (WR-ALC).

All 1,070 (152 A/C) retrofit modifications are scheduled to be complete by FY15.

Funding may be used to alleviate Diminishing Manufacturing Sources (DMS) issues.

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 3	P-1 Line Item Nomenclature: 46 - C-17 Mods	Modification Nomenclature <i>(Modification Title, Modification Number):</i> Block 13 to 17 Retrofit - 8962
Models of Systems Affected: C-17	Type Modification: Capability Improvement	Related RDT&E PEs: 0401130F
<p>Project allocations by component are subject to total force mission priorities and aircraft availability.</p> <p>In calendar year 2011, 11 aircraft were reassigned from the active force to the reserve and guard. 7 aircraft were assigned to the reserve at Wright-Patterson AFB and 4 aircraft were assigned to the guard at Stewart NGB NY.</p>		

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Exhibit P-3A, Individual Modification: PB 2013 Air Force										Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 3					P-1 Line Item Nomenclature: 46 - C-17 Mods					Modification Nomenclature (Modification Title, Modification Number): Block 13 to 17 Retrofit - 8962			
Models of Systems Affected: C-17				Type Modification: Capability Improvement				Related RDT&E PEs: 0401130F					
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
RDT&E PE #													
0401130F	0	283.938	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	
Procurement													
Block 13 to 17 Retrofit													
A Kits													
Recurring													
INSTALL KITS Group A (Active)	587	198.383	224	85.112	27	12.053	48	19.152	0	0.000	48	19.152	
INSTALL KITS Group A (Guard)	40	13.515	1	0.187	55	27.918	0	0.000	0	0.000	0	0.000	
INSTALL KITS Group A (Reserve)	43	13.994	0	0.000	21	7.889	24	9.576	0	0.000	24	9.576	
<i>Subtotal Recurring</i>		225.892		85.299		47.860		28.728		0.000		28.728	
Secondary Distribution													
Air Force Active	587	251.978	224	100.616	27	25.509	48	28.437	0	0.000	48	28.437	
Air National Guard	40	13.515	1	0.187	55	27.918	0	0.000	0	0.000	0	0.000	
Air Force Reserve	43	13.994	0	0.000	21	7.889	24	9.576	0	0.000	24	9.576	
<i>Total, Block 13 to 17 Retrofit</i>	670	225.892	225	85.299	103	47.860	72	28.728	0	0.000	72	28.728	
<i>Total, All Modifications</i>		225.892		85.299		47.860		28.728		0.000		28.728	
Support													
OTHER GOVT	0	30.919	0	5.665	0	2.727	0	0.945	0	0.000	0	0.945	
Mod of Spares	0	0.000	0	2.098	0	0.792	0	0.824	0	0.000	0	0.824	
GFE	0	17.258	0	7.741	0	9.937	0	7.516	0	0.000	0	7.516	
PMA - Contractor Services	0	5.418	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	
<i>Total Support Cost</i>		53.595		15.504		13.456		9.285		0.000		9.285	
<i>Procurement Cost (Procurement + Support)</i>		279.487		100.803		61.316		38.013		0.000		38.013	
<i>Total Installation Cost</i>		182.313		47.246		15.720		100.204		0.000		100.204	
Total Cost (Procurement + Support + Installation)		461.800		148.049		77.036		138.217		0.000		138.217	
Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
RDT&E PE #													

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Exhibit P-3A, Individual Modification: PB 2013 Air Force									Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 3				P-1 Line Item Nomenclature: 46 - C-17 Mods					Modification Nomenclature (<i>Modification Title, Modification Number</i>): Block 13 to 17 Retrofit - 8962			
Models of Systems Affected: C-17			Type Modification: Capability Improvement				Related RDT&E PEs: 0401130F					
Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
0401130F	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	283.938
Procurement												
Block 13 to 17 Retrofit												
A Kits												
Recurring												
INSTALL KITS Group A (Active)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	886	314.700
INSTALL KITS Group A (Guard)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	96	41.620
INSTALL KITS Group A (Reserve)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	88	31.459
<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>387.779</i>
Secondary Distribution												
Air Force Active	0	0.857	0	0.000	0	0.000	0	0.000	-	-	-	-
Air National Guard	0	0.000	0	0.000	0	0.000	0	0.000	-	-	-	-
Air Force Reserve	0	0.000	0	0.000	0	0.000	0	0.000	-	-	-	-
<i>Total, Block 13 to 17 Retrofit</i>	<i>0</i>	<i>0.000</i>	<i>0</i>	<i>0.000</i>	<i>0</i>	<i>0.000</i>	<i>0</i>	<i>0.000</i>	<i>0</i>	<i>0.000</i>	<i>1,070</i>	<i>387.779</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>387.779</i>
Support												
OTHER GOVT	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	40.256
Mod of Spares	0	0.857	0	0.000	0	0.000	0	0.000	0	0.000	0	4.571
GFE	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	42.452
PMA - Contractor Services	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	5.418
<i>Total Support Cost</i>		<i>0.857</i>		<i>0.000</i>		<i>0.000</i>		<i>0.000</i>		<i>0.000</i>		<i>92.697</i>
<i>Procurement Cost (Procurement + Support)</i>		<i>0.857</i>		<i>0.000</i>		<i>0.000</i>		<i>0.000</i>		<i>0.000</i>		<i>480.476</i>
<i>Total Installation Cost</i>		<i>83.486</i>		<i>44.550</i>		<i>0.000</i>		<i>0.000</i>		<i>0.000</i>		<i>473.519</i>
Total Cost (Procurement + Support + Installation)		84.343		44.550		0.000		0.000		0.000		953.995
Remarks:												
Manufacturer Information: Block 13 to 17 Retrofit												
Manufacturer Name: The Boeing Company						Manufacturer Location: Long Beach, Ca						
Administrative Leadtime (in Months): 3						Production Leadtime (in Months): 19						

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 3	P-1 Line Item Nomenclature: 46 - C-17 Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Block 13 to 17 Retrofit - 8962
Models of Systems Affected: C-17	Type Modification: Capability Improvement	Related RDT&E PEs: 0401130F

Manufacturer Information: Block 13 to 17 Retrofit							
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates	Jan 2012	Mar 2012	Mar 2013				
Delivery Dates	May 2013	Oct 2013	Oct 2014				

Installation: Block 13 to 17 Retrofit	Method of Implementation: Combination	Installation Name:
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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	495	182.313	112	47.246	40	15.720	23	12.259	-	-	23	12.259
Secondary Distribution - Air Force Active	444	166.815	112	47.246	16	6.288	15	7.995	-	-	15	7.995
Secondary Distribution - Air National Guard	16	6.917	-	-	16	6.288	8	4.264	-	-	8	4.264
Secondary Distribution - Air Force Reserve	35	8.581	-	-	8	3.144	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	165	87.945	-	-	165	87.945
Secondary Distribution - Air Force Active	-	-	-	-	-	-	165	87.945	-	-	165	87.945
Secondary Distribution - Air National Guard	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air National Guard	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Reserve	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Reserve	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	0	0.000	0	0.000	0	0.000	0	0.000	-	-	0	0.000
Secondary Distribution - Air Force Active	0	0.000	0	0.000	0	0.000	0	0.000	-	-	0	0.000
Secondary Distribution - Air National Guard	0	0.000	-	-	0	0.000	0	0.000	-	-	0	0.000
Secondary Distribution - Air Force Reserve	0	0.000	-	-	0	0.000	-	-	-	-	-	-
Total	495	182.313	112	47.246	40	15.720	188	100.204	-	-	188	100.204
Secondary Distribution - Air Force Active	444	166.815	112	47.246	16	6.288	180	95.940	-	-	180	95.940
Secondary Distribution - Air National Guard	16	6.917	-	-	16	6.288	8	4.264	-	-	8	4.264

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Exhibit P-3A, Individual Modification: PB 2013 Air Force										Date: February 2012		
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 3					P-1 Line Item Nomenclature: 46 - C-17 Mods					Modification Nomenclature (<i>Modification Title, Modification Number</i>): Block 13 to 17 Retrofit - 8962		
Models of Systems Affected: C-17				Type Modification: Capability Improvement				Related RDT&E PEs: 0401130F				
Installation: Block 13 to 17 Retrofit				Method of Implementation: Combination				Installation Name:				
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>
Secondary Distribution - Air Force Reserve	35	8.581	-	-	8	3.144	-	-	-	-	-	-
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	0.000	670	257.538
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air National Guard	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Reserve	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	60	29.640	-	-	-	-	-	-	0	0.000	225	117.585
Secondary Distribution - Air Force Active	59	29.146	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air National Guard	1	0.494	-	-	-	-	-	-	-	-	-	-
FY 2012	103	50.882	-	-	-	-	-	-	0	0.000	103	50.882
Secondary Distribution - Air Force Active	27	13.338	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air National Guard	55	27.170	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Reserve	21	10.374	-	-	-	-	-	-	-	-	-	-
FY 2013	6	2.964	66	44.550	-	-	-	-	0	0.000	72	47.514
Secondary Distribution - Air Force Active	6	2.964	42	28.350	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Reserve	-	-	24	16.200	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	0	0.000	0	0.000	-	-	-	-	0	0.000	0	0.000
Secondary Distribution - Air Force Active	0	0.000	0	0.000	-	-	-	-	-	-	-	-
Secondary Distribution - Air National Guard	0	0.000	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Reserve	0	0.000	0	0.000	-	-	-	-	-	-	-	-
Total	169	83.486	66	44.550	-	-	-	-	0	0.000	1,070	473.519
Secondary Distribution - Air Force Active	92	45.448	42	28.350	-	-	-	-	-	-	-	-
Secondary Distribution - Air National Guard	56	27.664	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Reserve	21	10.374	24	16.200	-	-	-	-	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 3		P-1 Line Item Nomenclature: 46 - C-17 Mods
Modification Nomenclature (<i>Modification Title, Modification Number</i>): Block 13 to 17 Retrofit - 8962		
Models of Systems Affected: C-17	Type Modification: Capability Improvement	Related RDT&E PEs: 0401130F
Installation: Block 13 to 17 Retrofit	Method of Implementation: Combination	Installation Name:

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	399	28	28	28	28	34	34	34	34	45	45	45	45	45	44	44	44	18	18	18	12	0	0	0	0	0	0	0	0	0	0	0	1,070
Out	383	16	28	28	28	28	34	34	34	34	45	45	45	45	45	44	44	44	18	18	18	12	0	0	0	0	0	0	0	0	0	0	1,070

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 3	P-1 Line Item Nomenclature: 46 - C-17 Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): IFF GATM Mode 5 - 1508

Models of Systems Affected: C-17	Type Modification: Capability Improvement	Related RDT&E PEs: 0401130F
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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)	-	-	3.009	5.242	-	5.242	14.414	18.336	20.618	23.183	35.968	120.770
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	-	3.009	5.242	-	5.242	14.414	18.336	20.618	23.183	35.968	120.770
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	-	-	3.009	5.242	-	5.242	14.414	18.336	20.618	23.183	35.968	120.770

(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 Millions)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

This project will equip C-17 aircraft with an upgraded identification friend or foe (IFF) system and various software upgrades to meet future military and civil transponder-reporting requirements. Concerns regarding the capabilities and vulnerabilities of existing military secure, encrypted IFF systems have resulted in a new AMC requirement for an upgraded DOD mode 5 IFF capability. This requirement has been documented in a Joint Requirements Oversight Council (JROC) approved operational requirements document (ORD). The planned approach will upgrade the current APX-119 and KIV-11 (crypto unit) line-replacable units (LRUs) to provide the mode 5 capability. The full capabilities of the digital IFF will be integrated in the C-17 to provide the enhanced mode 5 capabilities.

This project will also replace the current mission computer/core integrated processor (MC/CIP). A form, fit, and function CIP replacement at the LRU level will replace the existing CIP for block 17 and later aircraft. The CIP replacement will be operationally transparent to the aircrew. The CIP replacement shall provide processing throughput improvement and added memory capabilities to support future capability upgrade via block software.

Installs are performed at Boeing Support Systems-San Antonio and at WR-ALC.

Funding may be used to alleviate Diminishing Manufacturing Sources (DMS) issues.

Compliance deadline for mode 5 is IOC of 40 C-17s by end of FY14 and FOC by the end of FY20.

Projected allocations by component are subject to total force mission priorities and aircraft availability.

In calendar year 2011, 11 aircraft were reassigned from the active force to the reserve and guard. 7 aircraft were assigned to the reserve at Wright-Patterson AFB and 4 aircraft were assigned to the guard at Stewart NGB NY.

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Exhibit P-3A, Individual Modification: PB 2013 Air Force								Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 3				P-1 Line Item Nomenclature: 46 - C-17 Mods				Modification Nomenclature (<i>Modification Title, Modification Number</i>): IFF GATM Mode 5 - 1508					
Models of Systems Affected: C-17				Type Modification: Capability Improvement				Related RDT&E PEs: 0401130F					
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
RDT&E PE #													
0401130F	0	12.257	0	4.996	0	7.658	0	2.500	0	0.000	0	2.500	
Procurement													
IFF GATM Mode 5													
A Kits													
Recurring													
INSTALL KITS Group A (Active)	0	0.000	0	0.000	10	1.045	30	4.816	0	0.000	30	4.816	
INSTALL KITS Group A (Guard)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	
INSTALL KITS Group A (Reserve)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	
<i>Subtotal Recurring</i>		0.000		0.000		1.045		4.816		0.000		4.816	
NonRecurring													
KITS NONRECUR Group A (Active)	0	0.000	0	0.000	0	1.921	0	0.000	0	0.000	0	0.000	
<i>Subtotal NonRecurring</i>		0.000		0.000		1.921		0.000		0.000		0.000	
Secondary Distribution													
Air Force Active	0	0.000	0	0.000	10	3.009	30	4.950	0	0.000	30	4.950	
Air National Guard	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	
Air Force Reserve	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	
<i>Total, IFF GATM Mode 5</i>	0	0.000	0	0.000	10	2.966	30	4.816	0	0.000	30	4.816	
<i>Total, All Modifications</i>		0.000		0.000		2.966		4.816		0.000		4.816	
Support													
CHANGE ORDERS	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	
PMA - Gov't Costs	0	0.000	0	0.000	0	0.043	0	0.134	0	0.000	0	0.134	
<i>Total Support Cost</i>		0.000		0.000		0.043		0.134		0.000		0.134	
<i>Procurement Cost (Procurement + Support)</i>		0.000		0.000		3.009		4.950		0.000		4.950	
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.292		0.000		0.292	
Total Cost (Procurement + Support + Installation)		0.000		0.000		3.009		5.242		0.000		5.242	

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Exhibit P-3A, Individual Modification: PB 2013 Air Force									Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 3			P-1 Line Item Nomenclature: 46 - C-17 Mods						Modification Nomenclature (<i>Modification Title, Modification Number</i>): IFF GATM Mode 5 - 1508			
Models of Systems Affected: C-17			Type Modification: Capability Improvement				Related RDT&E PEs: 0401130F					
Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
RDT&E PE #												
0401130F	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	27.411
Procurement												
IFF GATM Mode 5												
A Kits												
Recurring												
INSTALL KITS Group A (Active)	33	11.306	33	13.827	33	16.927	33	17.658	21	9.954	193	75.533
INSTALL KITS Group A (Guard)	0	0.000	0	0.000	0	0.000	0	0.000	13	6.279	13	6.279
INSTALL KITS Group A (Reserve)	0	0.000	0	0.000	0	0.000	0	0.000	16	9.448	16	9.448
<i>Subtotal Recurring</i>		11.306		13.827		16.927		17.658		25.681		91.260
NonRecurring												
KITS NONRECUR Group A (Active)	0	0.000	0	1.220	0	0.000	0	0.000	0	0.000	0	3.141
<i>Subtotal NonRecurring</i>		0.000		1.220		0.000		0.000		0.000		3.141
Secondary Distribution												
Air Force Active	33	11.452	33	15.098	33	17.348	33	19.183	-	-	-	-
Air National Guard	0	0.000	0	0.000	0	0.000	0	0.000	-	-	-	-
Air Force Reserve	0	0.000	0	0.000	0	0.000	0	0.000	-	-	-	-
<i>Total, IFF GATM Mode 5</i>	33	11.306	33	15.047	33	16.927	33	17.658	50	25.681	222	94.401
<i>Total, All Modifications</i>		11.306		15.047		16.927		17.658		25.681		94.401
Support												
CHANGE ORDERS	0	0.000	0	0.000	0	0.000	0	1.033	0	0.000	0	1.033
PMA - Gov't Costs	0	0.146	0	0.051	0	0.421	0	0.492	0	0.228	0	1.515
<i>Total Support Cost</i>		0.146		0.051		0.421		1.525		0.228		2.548
<i>Procurement Cost (Procurement + Support)</i>		11.452		15.098		17.348		19.183		25.909		96.949
<i>Total Installation Cost</i>		2.962		3.238		3.270		4.000		10.059		23.821
Total Cost (Procurement + Support + Installation)		14.414		18.336		20.618		23.183		35.968		120.770
Remarks:												

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 3	P-1 Line Item Nomenclature: 46 - C-17 Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): IFF GATM Mode 5 - 1508

Models of Systems Affected: C-17	Type Modification: Capability Improvement	Related RDT&E PEs: 0401130F
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Manufacturer Information: IFF GATM Mode 5	
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Manufacturer Name: The Boeing Company	Manufacturer Location: Long Beach, Ca
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Administrative Leadtime (<i>in Months</i>): 3	Production Leadtime (<i>in Months</i>): 12
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Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates		Mar 2012	Mar 2013	Mar 2014	Mar 2015	Mar 2016	Mar 2017
Delivery Dates		Mar 2013	Mar 2014	Mar 2015	Mar 2016	Mar 2017	Mar 2018

Installation: IFF GATM Mode 5	Method of Implementation: Combination	Installation Name:
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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	-	-	-	-	-	-	2	0.292	-	-	2	0.292
Secondary Distribution - Air Force Active	-	-	-	-	-	-	2	0.292	-	-	2	0.292
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	0	0.000	-	-	0	0.000
Secondary Distribution - Air Force Active	-	-	-	-	-	-	0	0.000	-	-	0	0.000
Total	-	-	-	-	-	-	2	0.292	-	-	2	0.292
Secondary Distribution - Air Force Active	-	-	-	-	-	-	2	0.292	-	-	2	0.292

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ 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 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 3		P-1 Line Item Nomenclature: 46 - C-17 Mods
		Modification Nomenclature (<i>Modification Title, Modification Number</i>): IFF GATM Mode 5 - 1508
Models of Systems Affected: C-17	Type Modification: Capability Improvement	Related RDT&E PEs: 0401130F

Installation: IFF GATM Mode 5	Method of Implementation: Combination	Installation Name:
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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	8	0.624	-	-	-	-	-	-	0	0.000	10	0.916
Secondary Distribution - Air Force Active	8	0.624	-	-	-	-	-	-	-	-	-	-
FY 2013	30	2.338	-	-	-	-	-	-	0	0.000	30	2.338
Secondary Distribution - Air Force Active	30	2.338	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	33	3.238	-	-	-	-	0	0.000	33	3.238
Secondary Distribution - Air Force Active	-	-	33	3.238	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	33	3.270	-	-	0	0.000	33	3.270
Secondary Distribution - Air Force Active	-	-	-	-	33	3.270	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	33	4.000	0	0.000	33	4.000
Secondary Distribution - Air Force Active	-	-	-	-	-	-	33	4.000	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	33	4.715	33	4.715
To Complete	0	0.000	0	0.000	0	0.000	0	0.000	50	5.344	50	5.344
Secondary Distribution - Air Force Active	0	0.000	0	0.000	0	0.000	0	0.000	-	-	-	-
Total	38	2.962	33	3.238	33	3.270	33	4.000	83	10.059	222	23.821
Secondary Distribution - Air Force Active	38	2.962	33	3.238	33	3.270	33	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	0	0	0	0	0	0	0	0	0	2	0	0	0	10	10	9	9	9	8	8	8	9	8	8	8	9	8	8	8	83	222
Out	0	0	0	0	0	0	0	0	0	0	2	0	0	0	10	10	9	9	9	8	8	8	9	8	8	8	9	8	8	91	222

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 3	P-1 Line Item Nomenclature: 46 - C-17 Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): OBIGGS II - 6402

Models of Systems Affected: C-17	Type Modification: Capability Improvement	Related RDT&E PEs: 0401130F
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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)	57.299	5.344	9.764	5.312	-	5.312	11.124	16.185	27.101	33.387	224.131	389.647
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	57.299	5.344	9.764	5.312	-	5.312	11.124	16.185	27.101	33.387	224.131	389.647
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	57.299	5.344	9.764	5.312	-	5.312	11.124	16.185	27.101	33.387	224.131	389.647

(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 Millions)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

This modification project adds the On Board Inert Gas Generating System (OBIGGS II) to 67 C-17 aircraft (P71-P137) already equipped with the Extended Range (ER) fuel system. An additional 70 C-17 aircraft (P1-P70) will receive OBIGGS II in conjunction with the ER modification (MN_6412).

Production cut-in of the OBIGGS II system began with P138.

OBIGGS II quickly and efficiently inerts gases in fuel tanks, preventing them from exploding if hit by enemy fire. Pilots activate the system with the push of a button, which pumps nitrogen-enriched air into the fuel tanks. The tanks are inerted in less than one hour, as compared to the four to eight hours previously needed. In addition, the new system cuts the aircraft's weight by almost 500 pounds. The retrofit effort includes structural improvements to the wing and fuselage and changes to subsystems and software. This redesign significantly increases system effectiveness, utility and maintainability and reduces life cycle costs (LCC).

Installs are performed at Boeing Support Systems - San Antonio (BSS-SA).

All 67 installations of OBIGGS II are scheduled to be complete by FY23.

Funding may be used to alleviate Diminishing Manufacturing Sources (DMS) issues.

Project allocations by component subject to total force mission priorities and aircraft availability.

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Exhibit P-3A, Individual Modification: PB 2013 Air Force										Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 3					P-1 Line Item Nomenclature: 46 - C-17 Mods					Modification Nomenclature (<i>Modification Title, Modification Number</i>): OBIGGS II - 6402			
Models of Systems Affected: C-17				Type Modification: Capability Improvement				Related RDT&E PEs: 0401130F					
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
OBIGGS II													
A Kits													
Recurring													
INSTALL KITS Group A (Active)	10	23.238	0	0.000	2	4.978	2	5.177	0	0.000	2	5.177	
INSTALL KITS Group A (Guard)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	
INSTALL KITS Group A (Reserve)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	
<i>Subtotal Recurring</i>		23.238		0.000		4.978		5.177		0.000		5.177	
NonRecurring													
KITS NONRECUR Group A (Active)	0	17.990	0	0.210	0	0.130	0	0.135	0	0.000	0	0.135	
<i>Subtotal NonRecurring</i>		17.990		0.210		0.130		0.135		0.000		0.135	
Secondary Distribution													
Air Force Active	10	41.228	0	0.210	2	5.108	2	5.312	0	0.000	2	5.312	
Air National Guard	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	
Air Force Reserve	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	
<i>Total, OBIGGS II</i>	10	41.228	0	0.210	2	5.108	2	5.312	0	0.000	2	5.312	
<i>Total, All Modifications</i>		41.228		0.210		5.108		5.312		0.000		5.312	
<i>Procurement Cost (Procurement + Support)</i>		41.228		0.210		5.108		5.312		0.000		5.312	
<i>Total Installation Cost</i>		16.071		5.134		4.656		0.000		0.000		0.000	
Total Cost (Procurement + Support + Installation)		57.299		5.344		9.764		5.312		0.000		5.312	
Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
OBIGGS II													
A Kits													
Recurring													
INSTALL KITS Group A (Active)	2	5.384	4	10.828	8	21.651	8	22.517	23	69.933	59	163.706	
INSTALL KITS Group A (Guard)	0	0.000	0	0.000	0	0.000	0	0.000	8	26.399	8	26.399	

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 3	P-1 Line Item Nomenclature: 46 - C-17 Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): OBIGGS II - 6402

Models of Systems Affected: C-17		Type Modification: Capability Improvement				Related RDT&E PEs: 0401130F						
Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
INSTALL KITS Group A (Reserve)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
<i>Subtotal Recurring</i>		5.384		10.828		21.651		22.517		96.332		190.105
NonRecurring												
KITS NONRECUR Group A (Active)	0	0.140	0	0.146	0	0.152	0	0.158	0	1.086	0	20.147
<i>Subtotal NonRecurring</i>		0.140		0.146		0.152		0.158		1.086		20.147
Secondary Distribution												
Air Force Active	2	5.524	4	10.974	8	21.803	8	22.675	-	-	-	-
Air National Guard	0	0.000	0	0.000	0	0.000	0	0.000	-	-	-	-
Air Force Reserve	0	0.000	0	0.000	0	0.000	0	0.000	-	-	-	-
<i>Total, OBIGGS II</i>	2	5.524	4	10.974	8	21.803	8	22.675	31	97.418	67	210.252
<i>Total, All Modifications</i>		5.524		10.974		21.803		22.675		97.418		210.252
<i>Procurement Cost (Procurement + Support)</i>		5.524		10.974		21.803		22.675		97.418		210.252
<i>Total Installation Cost</i>		5.600		5.211		5.298		10.712		126.713		179.395
Total Cost (Procurement + Support + Installation)		11.124		16.185		27.101		33.387		224.131		389.647

Remarks:

Manufacturer Information: OBIGGS II							
Manufacturer Name: The Boeing Company				Manufacturer Location: Long Beach, Ca			
Administrative Leadtime (in Months): 3				Production Leadtime (in Months): 24			
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates	Sep 2011	Mar 2012	Mar 2013	Mar 2014	Mar 2015	Mar 2016	Mar 2017
Delivery Dates	Sep 2013	Mar 2014	Mar 2015	Mar 2016	Mar 2017	Mar 2018	Mar 2019

Installation: OBIGGS II		Method of Implementation: Contractor Facility				Installation Name:						
Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ 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	16.071	2	5.134	2	4.656	-	-	-	-	-	-
Secondary Distribution - Air Force Active	6	16.071	2	5.134	2	4.656	-	-	-	-	-	-

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Air Force										Date: February 2012		
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 3				P-1 Line Item Nomenclature: 46 - C-17 Mods				Modification Nomenclature (<i>Modification Title, Modification Number</i>): OBIGGS II - 6402				
Models of Systems Affected: C-17				Type Modification: Capability Improvement				Related RDT&E PEs: 0401130F				
Installation: OBIGGS II				Method of Implementation: Contractor Facility				Installation Name:				
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	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	0	0.000	0	0.000	0	0.000	-	-	-	-	-	-
Secondary Distribution - Air Force Active	0	0.000	0	0.000	0	0.000	-	-	-	-	-	-
Total	6	16.071	2	5.134	2	4.656	-	-	-	-	-	-
Secondary Distribution - Air Force Active	6	16.071	2	5.134	2	4.656	-	-	-	-	-	-
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	0.000	10	25.861
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	2	5.600	-	-	-	-	-	-	0	0.000	2	5.600
Secondary Distribution - Air Force Active	2	5.600	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	2	5.211	-	-	-	-	0	0.000	2	5.211
Secondary Distribution - Air Force Active	-	-	2	5.211	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	2	5.298	-	-	0	0.000	2	5.298
Secondary Distribution - Air Force Active	-	-	-	-	2	5.298	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	4	10.712	0	0.000	4	10.712
Secondary Distribution - Air Force Active	-	-	-	-	-	-	4	10.712	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 3	P-1 Line Item Nomenclature: 46 - C-17 Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): OBIGGS II - 6402
Models of Systems Affected: C-17	Type Modification: Capability Improvement	Related RDT&E PEs: 0401130F

Installation: OBIGGS II	Method of Implementation: Contractor Facility	Installation Name:
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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	-	-	-	-	-	-	-	-	8	21.315	8	21.315
FY 2017	-	-	-	-	-	-	-	-	8	21.193	8	21.193
To Complete	0	0.000	0	0.000	0	0.000	0	0.000	31	84.205	31	84.205
Secondary Distribution - Air Force Active	0	0.000	0	0.000	0	0.000	0	0.000	-	-	-	-
Total	2	5.600	2	5.211	2	5.298	4	10.712	47	126.713	67	179.395
Secondary Distribution - Air Force Active	2	5.600	2	5.211	2	5.298	4	10.712	-	-	-	-

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	0	1	1	0	1	0	1	0	0	0	0	0	1	0	1	0	1	0	1	0	1	0	1	0	1	1	1	1	47	67
Out	6	0	0	1	1	0	1	0	1	0	0	0	0	0	1	0	1	0	1	0	1	0	1	0	1	0	1	1	1	48	67

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 3	P-1 Line Item Nomenclature: 46 - C-17 Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Extended Range Retrofit/OBIGGS II - 6412

Models of Systems Affected: C-17	Type Modification: Capability Improvement	Related RDT&E PEs: 0401130F
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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)	129.429	15.739	63.128	14.174	-	14.174	27.909	52.799	78.296	81.170	624.896	1,087.540
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	129.429	15.739	63.128	14.174	-	14.174	27.909	52.799	78.296	81.170	624.896	1,087.540
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	129.429	15.739	63.128	14.174	-	14.174	27.909	52.799	78.296	81.170	624.896	1,087.540

(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 Millions)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

This modification project adds the Extended Range (ER) fuel containment system and On Board Inert Gas Generating System (OBIGGS II) to 70 C-17 aircraft (P1-P70). An additional 67 C-17 aircraft (P71-P137) already equipped with ER will receive OBIGGS II with the OBIGGS II modification (MN-6402).

Production cut-in of the ER system began with P71.

ER adds a center wing fuel tank, increases the fuel capacity by 9,500 gallons and adds 1,800 pounds to the gross weight of the aircraft.

OBIGGS II quickly and efficiently inerts gases in fuel tanks, preventing them from exploding if hit by enemy fire. Pilots activate the system with the push of a button, which pumps nitrogen-enriched air into the fuel tanks. The tanks are inerted in less than one hour, as compared to the four to eight hours previously needed. In addition, the new system cuts the aircraft's weight by almost 500 pounds. The retrofit effort includes structural improvements to the wing and fuselage and changes to subsystems and software. This redesign significantly increases system effectiveness, utility and maintainability and reduces life cycle costs (LCC).

Installations are performed at Warner Robbins Air Logistics Center (WR-ALC).

All 70 installs are scheduled to be complete by FY24.

Funding may be used to alleviate Diminishing Manufacturing Sources (DMS) issues.

Projected allocations by component are subject to total force mission priorities and aircraft availability.

In calendar year 2011, 11 aircraft were reassigned from the active force to the reserve and guard. 7 aircraft were assigned to the reserve at Wright-Patterson AFB and 4 aircraft were assigned to the guard at Stewart NGB NY. These reassignments affected the procurement and installation schedule for this modification.

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 3	P-1 Line Item Nomenclature: 46 - C-17 Mods	Modification Nomenclature <i>(Modification Title, Modification Number):</i> Extended Range Retrofit/OBIGGS II - 6412
Models of Systems Affected: C-17	Type Modification: Capability Improvement	Related RDT&E PEs: 0401130F

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Exhibit P-3A, Individual Modification: PB 2013 Air Force										Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 3					P-1 Line Item Nomenclature: 46 - C-17 Mods					Modification Nomenclature (<i>Modification Title, Modification Number</i>): Extended Range Retrofit/OBIGGS II - 6412			
Models of Systems Affected: C-17				Type Modification: Capability Improvement				Related RDT&E PEs: 0401130F					
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
Extended Range Retrofit/OBIGGS II													
A Kits													
Recurring													
INSTALL KITS Group A (Active)	8	55.063	0	0.000	2	9.843	2	10.237	0	0.000	2	10.237	
INSTALL KITS Group A (Guard)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	
INSTALL KITS Group A (Reserve)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	
<i>Subtotal Recurring</i>		55.063		0.000		9.843		10.237		0.000		10.237	
NonRecurring													
KITS NONRECUR Group A (Active)	0	43.976	0	0.210	0	0.134	0	0.139	0	0.000	0	0.139	
<i>Subtotal NonRecurring</i>		43.976		0.210		0.134		0.139		0.000		0.139	
Secondary Distribution													
Air Force Active	8	99.039	0	1.206	2	51.187	2	14.174	0	0.000	2	14.174	
Air National Guard	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	
Air Force Reserve	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	
<i>Total, Extended Range Retrofit/OBIGGS II</i>	8	99.039	0	0.210	2	9.977	2	10.376	0	0.000	2	10.376	
<i>Total, All Modifications</i>		99.039		0.210		9.977		10.376		0.000		10.376	
Support													
CHANGE ORDERS	0	0.000	0	0.000	0	3.033	0	3.076	0	0.000	0	3.076	
PMA - Gov't Costs	0	0.000	0	0.217	0	0.428	0	0.389	0	0.000	0	0.389	
OTHER GOVT	0	0.000	0	0.779	0	37.749	0	0.333	0	0.000	0	0.333	
<i>Total Support Cost</i>		0.000		0.996		41.210		3.798		0.000		3.798	
<i>Procurement Cost (Procurement + Support)</i>		99.039		1.206		51.187		14.174		0.000		14.174	
<i>Total Installation Cost</i>		30.390		14.533		11.941		0.000		0.000		0.000	
Total Cost (Procurement + Support + Installation)		129.429		15.739		63.128		14.174		0.000		14.174	

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Exhibit P-3A, Individual Modification: PB 2013 Air Force									Date: February 2012				
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 3				P-1 Line Item Nomenclature: 46 - C-17 Mods					Modification Nomenclature <i>(Modification Title, Modification Number):</i> Extended Range Retrofit/OBIGGS II - 6412				
Models of Systems Affected: C-17				Type Modification: Capability Improvement					Related RDT&E PEs: 0401130F				
Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
Extended Range Retrofit/OBIGGS II													
A Kits													
Recurring													
INSTALL KITS Group A (Active)	2	10.647	4	21.411	8	42.814	8	44.526	23	138.291	57	332.832	
INSTALL KITS Group A (Guard)	0	0.000	0	0.000	0	0.000	0	0.000	5	32.306	5	32.306	
INSTALL KITS Group A (Reserve)	0	0.000	0	0.000	0	0.000	0	0.000	8	54.221	8	54.221	
<i>Subtotal Recurring</i>		10.647		21.411		42.814		44.526		224.818		419.359	
NonRecurring													
KITS NONRECUR Group A (Active)	0	0.145	0	0.150	0	0.156	0	0.163	0	1.336	0	46.409	
<i>Subtotal NonRecurring</i>		0.145		0.150		0.156		0.163		1.336		46.409	
Secondary Distribution													
Air Force Active	2	14.564	4	37.922	8	63.197	8	50.699	-	-	-	-	
Air National Guard	0	0.000	0	0.000	0	0.000	0	0.000	-	-	-	-	
Air Force Reserve	0	0.000	0	0.000	0	0.000	0	0.000	-	-	-	-	
<i>Total, Extended Range Retrofit/OBIGGS II</i>	2	10.792	4	21.561	8	42.970	8	44.689	36	226.154	70	465.768	
<i>Total, All Modifications</i>		10.792		21.561		42.970		44.689		226.154		465.768	
Support													
CHANGE ORDERS	0	2.529	0	2.495	0	2.436	0	2.731	0	0.000	0	16.300	
PMA - Gov't Costs	0	0.422	0	0.469	0	0.532	0	0.548	0	0.000	0	3.005	
OTHER GOVT	0	0.821	0	13.397	0	17.259	0	2.731	0	0.000	0	73.069	
<i>Total Support Cost</i>		3.772		16.361		20.227		6.010		0.000		92.374	
<i>Procurement Cost (Procurement + Support)</i>		14.564		37.922		63.197		50.699		226.154		558.142	
<i>Total Installation Cost</i>		13.345		14.877		15.099		30.471		398.742		529.398	
Total Cost (Procurement + Support + Installation)		27.909		52.799		78.296		81.170		624.896		1,087.540	
Remarks:													

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 3	P-1 Line Item Nomenclature: 46 - C-17 Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Extended Range Retrofit/OBIGGS II - 6412

Models of Systems Affected: C-17	Type Modification: Capability Improvement	Related RDT&E PEs: 0401130F
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Manufacturer Information: Extended Range Retrofit/OBIGGS II

Manufacturer Name: The Boeing Company	Manufacturer Location: Long Beach, Ca
Administrative Leadtime (<i>in Months</i>): 3	Production Leadtime (<i>in Months</i>): 24

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates	Sep 2011	Mar 2012	Mar 2013	Mar 2014	Mar 2015	Mar 2016	Mar 2017
Delivery Dates	Sep 2013	Mar 2014	Mar 2015	Mar 2016	Mar 2017	Mar 2018	Mar 2019

Installation: Extended Range Retrofit/OBIGGS II

Installation Cost	Method of Implementation: Combination						Installation Name:					
	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ 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	30.390	2	14.533	2	11.941	-	-	-	-	-	-
Secondary Distribution - Air Force Active	4	30.390	2	14.533	2	11.941	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	0	0.000	0	0.000	0	0.000	-	-	-	-	-	-
Secondary Distribution - Air Force Active	0	0.000	0	0.000	0	0.000	-	-	-	-	-	-
Total	4	30.390	2	14.533	2	11.941	-	-	-	-	-	-
Secondary Distribution - Air Force Active	4	30.390	2	14.533	2	11.941	-	-	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 3	P-1 Line Item Nomenclature: 46 - C-17 Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Extended Range Retrofit/OBIGGS II - 6412

Models of Systems Affected: C-17	Type Modification: Capability Improvement	Related RDT&E PEs: 0401130F
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Installation: Extended Range Retrofit/OBIGGS II	Method of Implementation: Combination	Installation Name:
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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	8	56.864
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	2	13.345	-	-	-	-	-	-	0	0.000	2	13.345
Secondary Distribution - Air Force Active	2	13.345	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	2	14.877	-	-	-	-	0	0.000	2	14.877
Secondary Distribution - Air Force Active	-	-	2	14.877	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	2	15.099	-	-	0	0.000	2	15.099
Secondary Distribution - Air Force Active	-	-	-	-	2	15.099	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	4	30.471	0	0.000	4	30.471
Secondary Distribution - Air Force Active	-	-	-	-	-	-	4	30.471	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	8	60.491	8	60.491
FY 2017	-	-	-	-	-	-	-	-	8	60.042	8	60.042
To Complete	0	0.000	0	0.000	0	0.000	0	0.000	36	278.209	36	278.209
Secondary Distribution - Air Force Active	0	0.000	0	0.000	0	0.000	0	0.000	-	-	-	-
Total	2	13.345	2	14.877	2	15.099	4	30.471	52	398.742	70	529.398
Secondary Distribution - Air Force Active	2	13.345	2	14.877	2	15.099	4	30.471	-	-	-	-

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	4	0	1	0	1	0	1	0	1	0	0	0	0	1	0	1	0	1	0	1	0	1	0	1	0	1	1	1	1	52	70
Out	4	0	0	1	0	1	0	1	0	1	0	0	0	0	1	0	1	0	1	0	1	0	1	0	1	0	1	1	1	53	70

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

Appropriation / Budget Activity / Budget Sub Activity:
3010F : Aircraft Procurement, Air Force / BA 5 : Modification of Inservice Aircraft / BSA 3 : Airlift Aircraft

P-1 Line Item Nomenclature:
47 - C-21 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)	2.380	0.337	0.328	0.199	-	0.199	0.203	0.210	0.211	0.215	-	4.083
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	2.380	0.337	0.328	0.199	-	0.199	0.203	0.210	0.211	0.215	-	4.083
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	2.380	0.337	0.328	0.199	-	0.199	0.203	0.210	0.211	0.215	-	4.083

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

Description:

This line item funds low-cost modifications and service bulletins for the C-21 aircraft, commercial equivalent to the Learjet 35. The C-21 aircraft is a twin-turboprop engine aircraft used for cargo and passenger airlift over medium ranges. Service bulletins are necessary for continuing FAA certification while improving flight safety, reliability, and maintainability.

Item Schedule		ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
C-21 (See enclosed P-40A)	P40A				2.380			0.337			0.328			0.199			0.000			0.199
Total Gross/Weapon System Cost					2.380			0.337			0.328			0.199			-			0.199

*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:

With the exception of modifications listed in the P-40A, justification for individual modifications is provided in the P-3A exhibits.

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 3 **P-1 Line Item Nomenclature:** 47 - C-21 Mods **Aggregated Item Name:** C-21

Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
(Uncategorized)																			
1 - SERVICE BULLETINS		-	0	0.996	-	0	0.113	-	0	0.109	-	0	0.108	-	0	0.000	-	0	0.108
<i>Secondary Distribution</i>																			
Air Force Active			0	0.996		0	0.113		0	0.109		0	0.108		0	0.000		0	0.108
2 - LOW COST MODIFICATIONS		-	0	1.384	-	0	0.224	-	0	0.219	-	0	0.091	-	0	0.000	-	0	0.091
<i>Secondary Distribution</i>																			
Air Force Active			0	1.384		0	0.224		0	0.219		0	0.091		0	0.000		0	0.091
Uncategorized Subtotal				2.380			0.337			0.328			0.199			0.000			0.199
Total				2.380			0.337			0.328			0.199			0.000			0.199

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 3 **P-1 Line Item Nomenclature:** 47 - C-21 Mods **Aggregated Item Name:** C-21

Items († indicates the presence of a P-5A)	ID CD	FY 2014			FY 2015			FY 2016			FY 2017			To Complete			Total		
		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
(Uncategorized)																			
1 - SERVICE BULLETINS		-	0	0.200	-	0	0.100	-	0	0.101	-	0	0.105	-	0	0.000	-	0	1.832
<i>Secondary Distribution</i>																			
Air Force Active			0	0.200		0	0.100		0	0.101		0	0.105						
2 - LOW COST MODIFICATIONS		-	0	0.003	-	0	0.110	-	0	0.110	-	0	0.110	-	0	0.000	-	0	2.251
<i>Secondary Distribution</i>																			
Air Force Active			0	0.003		0	0.110		0	0.110		0	0.110						
<i>Uncategorized Subtotal</i>																			
				0.203			0.210			0.211			0.215			0.000			4.083
Total				0.203			0.210			0.211			0.215			0.000			4.083

Remarks:

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

Appropriation / Budget Activity / Budget Sub Activity:
3010F : Aircraft Procurement, Air Force / BA 5 : Modification of Inservice Aircraft / BSA 3 : Airlift Aircraft

P-1 Line Item Nomenclature:
48 - C-32 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)	5.044	1.635	1.757	1.750	-	1.750	1.780	1.836	1.880	1.911	-	17.593
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	5.044	1.635	1.757	1.750	-	1.750	1.780	1.836	1.880	1.911	-	17.593
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	5.044	1.635	1.757	1.750	-	1.750	1.780	1.836	1.880	1.911	-	17.593

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

Description:

This line item funds Low Cost Modifications and Service Bulletins for 4 C-32 aircraft, commercial equivalent Boeing 757. The C-32 is a long-range jet transport designed to transport high ranking government officials. The aircraft have a service life of 30 years with 18 years remaining. The modifications will enhance operational capability while improving flight safety, reliability, and maintainability.

Item Schedule		ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
C-32 (See enclosed P-40A)	P40A				5.044			1.635			1.757			1.750			0.000			1.750
Total Gross/Weapon System Cost					5.044			1.635			1.757			1.750			-			1.750

*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:

With the exception of modifications listed in the P-40A, justification for individual modifications is provided in the P-3A exhibits.

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 3 **P-1 Line Item Nomenclature:** 48 - C-32 Mods **Aggregated Item Name:** C-32

Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
(Uncategorized)																			
1 - SERVICE BULLETINS		-	0	0.116	-	0	0.151	-	0	0.005	-	0	0.005	-	0	0.000	-	0	0.005
<i>Secondary Distribution</i>																			
Air Force Active			0	0.116		0	0.151		0	0.005		0	0.005		0	0.000		0	0.005
2 - SERVICE BULLETINS - ANG		-	0	2.533	-	0	0.684	-	0	0.944	-	0	0.933	-	0	0.000	-	0	0.933
<i>Secondary Distribution</i>																			
Air Force Active			0	2.533		0	0.684		0	0.944		0	0.933		0	0.000		0	0.933
3 - LOW COST MODIFICATIONS		-	0	0.020	-	0	0.005	-	0	0.037	-	0	0.005	-	0	0.000	-	0	0.005
<i>Secondary Distribution</i>																			
Air Force Active			0	0.020		0	0.005		0	0.037		0	0.005		0	0.000		0	0.005
4 - LOW COST MODS - ANG		-	0	2.375	-	0	0.795	-	0	0.771	-	0	0.807	-	0	0.000	-	0	0.807
<i>Secondary Distribution</i>																			
Air Force Active			0	2.375		0	0.795		0	0.771		0	0.807		0	0.000		0	0.807
<i>Uncategorized Subtotal</i>				5.044			1.635			1.757			1.750			0.000			1.750
Total				5.044			1.635			1.757			1.750			0.000			1.750

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force															Date: February 2012				
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 3							P-1 Line Item Nomenclature: 48 - C-32 Mods							Aggregated Item Name: C-32					
Items († indicates the presence of a P-5A)	ID CD	FY 2014			FY 2015			FY 2016			FY 2017			To Complete			Total		
		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
(Uncategorized)																			
1 - SERVICE BULLETINS		-	0	0.005	-	0	0.005	-	0	0.005	-	0	0.005	-	0	0.000	-	0	0.297
<i>Secondary Distribution</i>																			
Air Force Active			0	0.005		0	0.005		0	0.005		0	0.005						
2 - SERVICE BULLETINS - ANG		-	0	0.932	-	0	0.928	-	0	0.935	-	0	0.968	-	0	0.000	-	0	8.857
<i>Secondary Distribution</i>																			
Air Force Active			0	0.932		0	0.928		0	0.935		0	0.968						
3 - LOW COST MODIFICATIONS		-	0	0.005	-	0	0.028	-	0	0.040	-	0	0.038	-	0	0.000	-	0	0.178
<i>Secondary Distribution</i>																			
Air Force Active			0	0.005		0	0.028		0	0.040		0	0.038						
4 - LOW COST MODS - ANG		-	0	0.838	-	0	0.875	-	0	0.900	-	0	0.900	-	0	0.000	-	0	8.261
<i>Secondary Distribution</i>																			
Air Force Active			0	0.838		0	0.875		0	0.900		0	0.900						
<i>Uncategorized Subtotal</i>				1.780			1.836			1.880			1.911			0.000			17.593
Total				1.780			1.836			1.880			1.911			0.000			17.593
Remarks:																			

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

Appropriation / Budget Activity / Budget Sub Activity:
3010F : Aircraft Procurement, Air Force / BA 5 : Modification of Inservice Aircraft / BSA 3 : Airlift Aircraft

P-1 Line Item Nomenclature:
49 - C-37 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)	1.279	0.364	0.486	0.445	-	0.445	0.452	0.859	0.989	0.558	-	5.432
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	1.279	0.364	0.486	0.445	-	0.445	0.452	0.859	0.989	0.558	-	5.432
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	1.279	0.364	0.486	0.445	-	0.445	0.452	0.859	0.989	0.558	-	5.432

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

Description:

This line item funds modifications to 12 C-37 aircraft, commercial equivalent Gulfstream 5. The C-37 is a long-range jet transport designed to transport high ranking government officials. The designed service life is 40,000 hours and the remaining service life averages 30,000 hours. Efforts include service bulletins/low cost modifications that will improve flight safety, reliability, and maintainability.

Item Schedule		ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
C-37 (See enclosed P-40A)	P40A				1.279			0.364			0.486			0.445			0.000			0.445
Total Gross/Weapon System Cost					1.279			0.364			0.486			0.445			-			0.445

*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:

With the exception of modifications listed in the P-40A, justification for individual modifications is provided in the P-3A exhibits.

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 3 **P-1 Line Item Nomenclature:** 49 - C-37 Mods **Aggregated Item Name:** C-37

Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
(Uncategorized)																			
1 - SERVICE BULLETINS		-	0	0.932	-	0	0.253	-	0	0.289	-	0	0.286	-	0	0.000	-	0	0.286
<i>Secondary Distribution</i>																			
Air Force Active			0	0.932		0	0.253		0	0.289		0	0.286		0	0.000		0	0.286
2 - LOW COST MODIFICATIONS		-	0	0.347	-	0	0.111	-	0	0.197	-	0	0.159	-	0	0.000	-	0	0.159
<i>Secondary Distribution</i>																			
Air Force Active			0	0.347		0	0.111		0	0.197		0	0.159		0	0.000		0	0.159
<i>Uncategorized Subtotal</i>				1.279			0.364			0.486			0.445			0.000			0.445
Total				1.279			0.364			0.486			0.445			0.000			0.445

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 3 **P-1 Line Item Nomenclature:** 49 - C-37 Mods **Aggregated Item Name:** C-37

Items († indicates the presence of a P-5A)	ID CD	FY 2014			FY 2015			FY 2016			FY 2017			To Complete			Total		
		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
(Uncategorized)																			
1 - SERVICE BULLETINS		-	0	0.290	-	0	0.299	-	0	0.360	-	0	0.368	-	0	0.000	-	0	3.077
<i>Secondary Distribution</i>																			
Air Force Active			0	0.290		0	0.299		0	0.360		0	0.368						
2 - LOW COST MODIFICATIONS		-	0	0.162	-	0	0.560	-	0	0.629	-	0	0.190	-	0	0.000	-	0	2.355
<i>Secondary Distribution</i>																			
Air Force Active			0	0.162		0	0.560		0	0.629		0	0.190						
<i>Uncategorized Subtotal</i>				0.452			0.859			0.989			0.558			0.000			5.432
Total				0.452			0.859			0.989			0.558			0.000			5.432

Remarks:

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

Appropriation / Budget Activity / Budget Sub Activity:
3010F : Aircraft Procurement, Air Force / BA 5 : Modification of Inservice Aircraft / BSA 3 : Airlift Aircraft

P-1 Line Item Nomenclature:
50 - C-130 AMP 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)	-	0.000	208.135	0.000	-	0.000	0.000	0.000	0.000	0.000	-	208.135
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	0.000	208.135	0.000	-	0.000	0.000	0.000	0.000	0.000	-	208.135
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	-	0.000	208.135	0.000	-	0.000	0.000	0.000	0.000	0.000	-	208.135
<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 Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

This document includes only FY12 funds for C-130 AMP. Funding in the FYDP has been deleted as a result of program termination. Due to system requirements, the subsequent budget exhibits contain information reflecting procurements in FY12. However, the Air Force does not intend to procure any of these kits.

This program has associated Research Development Test & Evaluation (RDT&E) funding in PE 0401115F.

This line item funds C-130 AMP which modernizes 221 various mobility air forces C-130 models to comply with FAA/European Air Traffic Management and Navigation/Safety mandates. It also resolves Diminishing Manufacturing Sources issues, standardizes aircraft configuration, and reduces total ownership cost.

C-130 AMP funding in FY12 and out has moved to this new C-130 AMP P-1 line, from the C-130 mods P-1 line.

Item Schedule		Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total			
Item Nomenclature*	Exhibits	ID CD	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
C-130 AMP (See enclosed P-40A)	P40A				0.000			0.000			208.135			0.000			0.000			0.000
Total Gross/Weapon System Cost					-			0.000			208.135			0.000			-			0.000

*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:

With the exception of modifications listed in the P-40A, justification for individual modifications is provided in the P-3A exhibits.

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 3	P-1 Line Item Nomenclature: 50 - C-130 AMP Mods	Aggregated Item Name: C-130 AMP
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Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
<i>(Uncategorized)</i>																			
1 - C-130 AVIONICS MODERNIZATION PROGRAM (AMP)		-	0	0.000	-	0	0.000	-	8	208.135	-	0	0.000	-	0	0.000	-	0	0.000
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	92.444		0	0.000		0	0.000		0	0.000
Air National Guard			0	0.000		0	0.000		2	59.404		0	0.000		0	0.000		0	0.000
Air Force Reserve			0	0.000		0	0.000		6	56.287		0	0.000		0	0.000		0	0.000
<i>Uncategorized Subtotal</i>				0.000			0.000			208.135			0.000			0.000			0.000
Total				0.000			0.000			208.135			0.000			0.000			0.000

UNCLASSIFIED

Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 3 **P-1 Line Item Nomenclature:** 50 - C-130 AMP Mods **Aggregated Item Name:** C-130 AMP

Items († indicates the presence of a P-5A)	ID CD	FY 2014			FY 2015			FY 2016			FY 2017			To Complete			Total		
		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
(Uncategorized)																			
1 - C-130 AVIONICS MODERNIZATION PROGRAM (AMP)		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	8	208.135
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.000						
Air National Guard			0	0.000		0	0.000		0	0.000		0	0.000						
Air Force Reserve			0	0.000		0	0.000		0	0.000		0	0.000						
<i>Uncategorized Subtotal</i>				0.000			0.000			0.000			0.000			0.000			208.135
Total				0.000			0.000			0.000			0.000			0.000			208.135

Remarks:

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

Appropriation / Budget Activity / Budget Sub Activity:
3010F : Aircraft Procurement, Air Force / BA 5 : Modification of Inservice Aircraft / BSA 4 : Trainer Aircraft

P-1 Line Item Nomenclature:
51 - GLIDER 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)	2.532	0.119	0.123	0.126	-	0.126	0.128	0.133	0.136	0.137	-	3.434
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	2.532	0.119	0.123	0.126	-	0.126	0.128	0.133	0.136	0.137	-	3.434
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	2.532	0.119	0.123	0.126	-	0.126	0.128	0.133	0.136	0.137	-	3.434

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

Description:

This line item funds modifications to the TG-10, TG-15 and TG-16 gliders, T-41 (Cessna 172), T-51 (Cessna 150), T-53 (Cirrus SR20) and UV-18 aircraft used at the United States Air Force Academy. There are 12 TG-10B aircraft with a design service life of 6,000 hours of which an average of 3,000 hours remains. There are five TG-10C aircraft with a design service life of 1,050 hours of which an average of less than 60 hours remains. There are two TG-15A aircraft with a design service life of 6,000 hours of which an average of 5,100 hours remains. There are three TG-15B aircraft with a design service life of 6,000 hours of which an average of 5,400 hours remains. There will be 19 TG-16A aircraft when all are delivered with a design service life of 12,000 hours, all of which remains. There are four T-41D aircraft with a design service life of 60,000 hours of which an average of 46,000 hours remains. There are three T-51A aircraft with a design service life of 60,000 hours of which an average of 49,000 hours remains. There will be 25 T-53A aircraft when all are delivered with a design service life of 12,000 hours, all of which remains. There are three UV-18B aircraft with a design service life of 40,000 hours of which an average of 16,700 hours remains. The primary effort in FY13 is FAA Service Bulletin/Air Worthiness Directives and low cost modifications.

Item Schedule		ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
GLIDER MODS (See enclosed P-40A)	P40A				2.532			0.119			0.123			0.126			0.000			0.126
Total Gross/Weapon System Cost					2.532			0.119			0.123			0.126			-			0.126

*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:

With the exception of modifications listed in the P-40A, justification for individual modifications is provided in the P-3A exhibits.

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 4	P-1 Line Item Nomenclature: 51 - GLIDER Mods	Aggregated Item Name: GLIDER MODS
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Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
(Uncategorized)																			
1 - LOW COST MODIFICATIONS		-	0	2.532	-	0	0.119	-	0	0.123	-	0	0.126	-	0	0.000	-	0	0.126
<i>Secondary Distribution</i>																			
Air Force Active			0	2.532		0	0.119		0	0.123		0	0.126		0	0.000		0	0.126
<i>Uncategorized Subtotal</i>				2.532			0.119			0.123			0.126			0.000			0.126
Total				2.532			0.119			0.123			0.126			0.000			0.126

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 4	P-1 Line Item Nomenclature: 51 - GLIDER Mods	Aggregated Item Name: GLIDER MODS
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Items († indicates the presence of a P-5A)	ID CD	FY 2014			FY 2015			FY 2016			FY 2017			To Complete			Total		
		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
<i>(Uncategorized)</i>																			
1 - LOW COST MODIFICATIONS		-	0	0.128	-	0	0.133	-	0	0.136	-	0	0.137	-	0	0.000	-	0	3.434
<i>Secondary Distribution</i>																			
Air Force Active			0	0.128		0	0.133		0	0.136		0	0.137						
<i>Uncategorized Subtotal</i>				0.128			0.133			0.136			0.137			0.000			3.434
Total				0.128			0.133			0.136			0.137			0.000			3.434

Remarks:

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

Appropriation / Budget Activity / Budget Sub Activity:
3010F : Aircraft Procurement, Air Force / BA 5 : Modification of Inservice Aircraft / BSA 4 : Trainer Aircraft

P-1 Line Item Nomenclature:
52 - JPATS 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)	54.740	24.508	15.086	15.494	-	15.494	10.027	12.471	12.800	13.632	12.195	170.953
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	54.740	24.508	15.086	15.494	-	15.494	10.027	12.471	12.800	13.632	12.195	170.953
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	54.740	24.508	15.086	15.494	-	15.494	10.027	12.471	12.800	13.632	12.195	170.953

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

Description:

The Joint Primary Aircraft Training System (JPATS) replaces the USAF T-37B and USN T-34C training aircraft and their associated ground based training systems. The JPATS T-6 aircraft provides significant improvements over the aircraft it is replacing, including a 0/0 ejection seat which accommodates a larger anthropometric pilot population, a pressurized cockpit, anti-g capability, and increased birdstrike protection. There are currently 446 T-6A aircraft in the Air Force inventory. The aircraft were designed with a 24 year service life. Remaining service life is up to 22 years from the final delivery in May 2010. The primary modifications in FY2013 include the Aircrew Training Device (ATD) visual system retrofit, power control lever upgrade, landing gear handle redesign, and On-Board Oxygen Generating System (OBOGS) low pressure switch and concentrator. The specific modifications budgeted and programmed are below.

Item Schedule		ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
T-6 (See enclosed P-40A)	P40A				54.740			18.873			9.852			10.267			0.000			10.267
ATD Visual System Retrofit - 37229	P3A		-	-	-	-	-	5.635	-	-	5.234	-	-	5.227	-	-	-	-	-	5.227
Total Gross/Weapon System Cost					54.740			24.508			15.086			15.494			-			15.494
		ID CD	FY 2014			FY 2015			FY 2016			FY 2017			To Complete			Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
T-6 (See enclosed P-40A)	P40A				6.161			10.121			12.800			13.632			12.195			148.641
ATD Visual System Retrofit - 37229	P3A		-	-	3.866	-	-	2.350	-	-	-	-	-	-	-	-	-	-	-	22.312

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

Appropriation / Budget Activity / Budget Sub Activity: 3010F : Aircraft Procurement, Air Force / BA 5 : Modification of Inservice Aircraft / BSA 4 : Trainer Aircraft	P-1 Line Item Nomenclature: 52 - JPATS Mods
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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 (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Total Gross/Weapon System Cost					10.027			12.471			12.800			13.632			12.195			170.953

*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:

With the exception of modifications listed in the P-40A, justification for individual modifications is provided in the P-3A exhibits.

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 4 **P-1 Line Item Nomenclature:** 52 - JPATS Mods **Aggregated Item Name:** T-6

Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
(Uncategorized)																			
1 - Landing Gear Shimmy		-	0	0.000	-	0	0.000	-	0	0.228	-	0	0.854	-	0	0.000	-	0	0.854
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.228		0	0.854		0	0.000		0	0.854
2 - Power Control Lever		-	0	0.000	-	0	0.063	-	0	1.553	-	0	1.819	-	0	0.000	-	0	1.819
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.063		0	1.553		0	1.819		0	0.000		0	1.819
3 - OBOGS Low Pressure Switch and Concentrator		-	0	0.256	-	0	0.807	-	0	0.848	-	0	0.576	-	0	0.000	-	0	0.576
<i>Secondary Distribution</i>																			
Air Force Active			0	0.256		0	0.807		0	0.848		0	0.576		0	0.000		0	0.576
4 - Landing Gear Door Spring Housing, Bellcrank & Pushrods		-	0	2.839	-	0	1.931	-	0	0.721	-	0	0.000	-	0	0.000	-	0	0.000
<i>Secondary Distribution</i>																			
Air Force Active			0	2.839		0	1.931		0	0.721		0	0.000		0	0.000		0	0.000
5 - Avionics Obsolescence		-	0	9.300	-	0	2.500	-	0	2.233	-	0	1.399	-	0	0.000	-	0	1.399
<i>Secondary Distribution</i>																			
Air Force Active			0	9.300		0	2.500		0	2.233		0	1.399		0	0.000		0	1.399
6 - Traffic Advisory System		-	0	18.292	-	0	9.533	-	0	1.813	-	0	0.000	-	0	0.000	-	0	0.000
<i>Secondary Distribution</i>																			
Air Force Active			0	18.292		0	9.533		0	1.813		0	0.000		0	0.000		0	0.000
7 - COCKPIT UPGRADES		-	0	6.007	-	0	0.023	-	0	0.000	-	0	0.157	-	0	0.000	-	0	0.157
<i>Secondary Distribution</i>																			
Air Force Active			0	6.007		0	0.023		0	0.000		0	0.157		0	0.000		0	0.157
8 - LANDING GEAR HANDLE REDESIGN		-	0	0.000	-	0	0.182	-	0	0.000	-	0	1.414	-	0	0.000	-	0	1.414
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.182		0	0.000		0	1.414		0	0.000		0	1.414
9 - AIRFRAME STRUCTURAL IMPROVEMENTS		-	0	13.212	-	0	2.070	-	0	1.307	-	0	3.048	-	0	0.000	-	0	3.048
<i>Secondary Distribution</i>																			
Air Force Active			0	13.212		0	2.070		0	1.307		0	3.048		0	0.000		0	3.048

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 4	P-1 Line Item Nomenclature: 52 - JPATS Mods	Aggregated Item Name: T-6
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Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
10 - LOW COST MODIFICATIONS		-	0	4.834	-	0	1.764	-	0	1.149	-	0	1.000	-	0	0.000	-	0	1.000
<i>Secondary Distribution</i>																			
Air Force Active			0	4.834		0	1.764		0	1.149		0	1.000		0	0.000		0	1.000
Uncategorized Subtotal				54.740			18.873			9.852			10.267			0.000			10.267
Total				54.740			18.873			9.852			10.267			0.000			10.267

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force															Date: February 2012				
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 4							P-1 Line Item Nomenclature: 52 - JPATS Mods							Aggregated Item Name: T-6					
Items († indicates the presence of a P-5A)	ID CD	FY 2014			FY 2015			FY 2016			FY 2017			To Complete			Total		
		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
(Uncategorized)																			
1 - Landing Gear Shimmy		-	0	1.100	-	0	1.113	-	0	0.200	-	0	0.000	-	0	0.000	-	0	3.495
<i>Secondary Distribution</i>																			
Air Force Active			0	1.100		0	1.113		0	0.200		0	0.000						
2 - Power Control Lever		-	0	2.782	-	0	0.466	-	0	0.000	-	0	0.000	-	0	0.000	-	0	6.683
<i>Secondary Distribution</i>																			
Air Force Active			0	2.782		0	0.466		0	0.000		0	0.000						
3 - OBOGS Low Pressure Switch and Concentrator		-	0	0.753	-	0	0.922	-	0	1.021	-	0	1.026	-	0	2.872	-	0	9.081
<i>Secondary Distribution</i>																			
Air Force Active			0	0.753		0	0.922		0	1.021		0	1.026						
4 - Landing Gear Door Spring Housing, Bellcrank & Pushrods		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	5.491
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.000						
5 - Avionics Obsolesence		-	0	0.000	-	0	2.434	-	0	4.797	-	0	4.388	-	0	5.447	-	0	32.498
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	2.434		0	4.797		0	4.388						
6 - Traffic Advisory System		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	29.638
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.000						
7 - COCKPIT UPGRADES		-	0	0.000	-	0	0.000	-	0	0.000	-	0	1.765	-	0	0.000	-	0	7.952
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	1.765						
8 - LANDING GEAR HANDLE REDESIGN		-	0	1.526	-	0	0.200	-	0	0.000	-	0	0.000	-	0	0.000	-	0	3.322
<i>Secondary Distribution</i>																			
Air Force Active			0	1.526		0	0.200		0	0.000		0	0.000						
9 - AIRFRAME STRUCTURAL IMPROVEMENTS		-	0	0.000	-	0	2.986	-	0	4.782	-	0	4.453	-	0	0.000	-	0	31.858
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	2.986		0	4.782		0	4.453						

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 4 **P-1 Line Item Nomenclature:** 52 - JPATS Mods **Aggregated Item Name:** T-6

Items († indicates the presence of a P-5A)	ID CD	FY 2014			FY 2015			FY 2016			FY 2017			To Complete			Total		
		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
10 - LOW COST MODIFICATIONS		-	0	0.000	-	0	2.000	-	0	2.000	-	0	2.000	-	0	3.876	-	0	18.623
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	2.000		0	2.000		0	2.000						
Uncategorized Subtotal				6.161			10.121			12.800			13.632			0.000			148.641
Total				6.161			10.121			12.800			13.632			12.195			148.641

Remarks:

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Air Force							Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 4				P-1 Line Item Nomenclature: 52 - JPATS Mods				Modification Nomenclature (<i>Modification Title, Modification Number</i>): ATD Visual System Retrofit - 37229				
Models of Systems Affected: T6-A			Type Modification: Capability Improvement				Related RDT&E PEs: 0804740F					

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)	-	5.635	5.234	5.227	-	5.227	3.866	2.350	-	-	-	22.312
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	5.635	5.234	5.227	-	5.227	3.866	2.350	-	-	-	22.312
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	-	5.635	5.234	5.227	-	5.227	3.866	2.350	-	-	-	22.312

(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 Millions)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

Air Education and Training Command (AETC) has a requirement to modernize the projectors in 51 Aircrew Training Devices (ATD) -- Operational and Instrument Flight Trainers (OFT and IFT). The end of life for some of the currently fielded projectors was 2010 and they are no longer manufactured. Additionally, the replacement systems offer lower maintenance cost and better performance (enhanced brightness/contrast) than the original units. The new units have been incorporated into production ATDs and are being retrofit into fielded ATDs.

Kits and installations are not separately priced.

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 4	P-1 Line Item Nomenclature: 52 - JPATS Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): ATD Visual System Retrofit - 37229

Models of Systems Affected: T6-A	Type Modification: Capability Improvement	Related RDT&E PEs: 0804740F
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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												
ATD Visual System Retrofit												
A Kits												
NonRecurring												
KITS NONRECUR Group A (Active)	0	0.000	12	5.635	13	5.234	12	5.227	0	0.000	12	5.227
<i>Subtotal NonRecurring</i>		0.000		5.635		5.234		5.227		0.000		5.227
Secondary Distribution												
Air Force Active	0	0.000	12	5.635	13	5.234	12	5.227	0	0.000	12	5.227
<i>Total, ATD Visual System Retrofit</i>	0	0.000	12	5.635	13	5.234	12	5.227	0	0.000	12	5.227
<i>Total, All Modifications</i>		0.000		5.635		5.234		5.227		0.000		5.227
<i>Procurement Cost (Procurement + Support)</i>		0.000		5.635		5.234		5.227		0.000		5.227
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		0.000		5.635		5.234		5.227		0.000		5.227

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
ATD Visual System Retrofit												
A Kits												
NonRecurring												
KITS NONRECUR Group A (Active)	8	3.866	6	2.350	0	0.000	0	0.000	0	0.000	51	22.312
<i>Subtotal NonRecurring</i>		3.866		2.350		0.000		0.000		0.000		22.312
Secondary Distribution												
Air Force Active	8	3.866	6	2.350	0	0.000	0	0.000	-	-	-	-
<i>Total, ATD Visual System Retrofit</i>	8	3.866	6	2.350	0	0.000	0	0.000	0	0.000	51	22.312
<i>Total, All Modifications</i>		3.866		2.350		0.000		0.000		0.000		22.312
<i>Procurement Cost (Procurement + Support)</i>		3.866		2.350		0.000		0.000		0.000		22.312
<i>Total Installation 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 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 4	P-1 Line Item Nomenclature: 52 - JPATS Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): ATD Visual System Retrofit - 37229

Models of Systems Affected: T6-A	Type Modification: Capability Improvement	Related RDT&E PEs: 0804740F
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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 Cost (Procurement + Support + Installation)		3.866		2.350		0.000		0.000		0.000		22.312

Remarks:

Manufacturer Information: ATD Visual System Retrofit

Manufacturer Name: Hawker Beechcraft Corporation	Manufacturer Location: Wichita, KS
Administrative Leadtime (in Months): 3	Production Leadtime (in Months): 4

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

Installation: ATD Visual System Retrofit **Method of Implementation:** Contract Field Team **Installation Name:**

Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ 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	-	-	12	0.000	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	12	0.000	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	13	0.000	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	13	0.000	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	12	0.000	-	-	12	0.000
Secondary Distribution - Air Force Active	-	-	-	-	-	-	12	0.000	-	-	12	0.000
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	0	0.000	0	0.000	0	0.000	-	-	0	0.000
Secondary Distribution - Air Force Active	-	-	0	0.000	0	0.000	0	0.000	-	-	0	0.000
Total	-	-	12	0.000	13	0.000	12	0.000	-	-	12	0.000

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Exhibit P-3A, Individual Modification: PB 2013 Air Force							Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 4				P-1 Line Item Nomenclature: 52 - JPATS Mods				Modification Nomenclature (Modification Title, Modification Number): ATD Visual System Retrofit - 37229				
Models of Systems Affected: T6-A			Type Modification: Capability Improvement					Related RDT&E PEs: 0804740F				

Installation: ATD Visual System Retrofit				Method of Implementation: Contract Field Team					Installation Name:				
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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)
Secondary Distribution - Air Force Active	-	-	12	0.000	13	0.000	12	0.000	-	-	12	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	-	-	-	-	-	-	-	-	0	0.000	12	0.000
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	0	0.000	13	0.000
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	0	0.000	12	0.000
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	8	0.000	-	-	-	-	-	-	0	0.000	8	0.000
Secondary Distribution - Air Force Active	8	0.000	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	6	0.000	-	-	-	-	0	0.000	6	0.000
Secondary Distribution - Air Force Active	-	-	6	0.000	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	0	0.000	0	0.000	-	-	-	-	0	0.000	0	0.000
Secondary Distribution - Air Force Active	0	0.000	0	0.000	-	-	-	-	-	-	-	-
Total	8	0.000	6	0.000	-	-	-	-	0	0.000	51	0.000
Secondary Distribution - Air Force Active	8	0.000	6	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	0	0	0	8	4	4	4	4	1	4	4	2	2	4	2	1	1	3	3	0	0	0	0	0	0	0	0	0	0	0	0
Out	0	0	0	8	4	4	4	4	1	4	4	2	2	4	2	1	1	3	3	0	0	0	0	0	0	0	0	0	0	0	0

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

Appropriation / Budget Activity / Budget Sub Activity: 3010F : Aircraft Procurement, Air Force / BA 5 : Modification of Inservice Aircraft / BSA 4 : Trainer Aircraft	P-1 Line Item Nomenclature: 53 - T-1 Mods
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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)	29.771	0.083	0.238	0.272	-	0.272	0.277	0.288	0.296	0.300	-	31.525
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	29.771	0.083	0.238	0.272	-	0.272	0.277	0.288	0.296	0.300	-	31.525
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	29.771	0.083	0.238	0.272	-	0.272	0.277	0.288	0.296	0.300	-	31.525

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

Description:

This line item funds modifications to the T-1A aircraft. The T-1A is a missionized Beech 400A used in the Airlift/Tanker track of USAF Specialized Undergraduate Pilot Training (SUPT) and in Combat Systems Officer (CSO) training for Air Education and Training Command (AETC). It is powered by two Pratt and Whitney JT15D-5 turbofan engines mounted on the aft fuselage producing 2,900 pounds of thrust each. Avionics include Ultra High Frequency (UHF) and Very High Frequency (VHF) radios, Inertial Navigation System (INS), Tactical Air Navigation (TACAN), Airborne Direction Finder (ADF), and two Very High Frequency Omni Range/Instrument Landing System (VOR/ILS). Aircraft modified for CSO training include a Global Positioning System (GPS)-driven synthetic radar and simulated Radar Warning Receiver (RWR) in the right seat flight deck position to be utilized by the student CSO. A second student station and a second instructor station has also been added in the rear of the aircraft. There are 178 T-1A aircraft in the inventory. Design service life was 30 years, with approximately 13 years remaining. The primary effort in FY2013 is low cost modifications.

Item Schedule		Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total			
Item Nomenclature*	Exhibits	ID CD	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
T-1 (See enclosed P-40A)	P40A				29.771			0.083			0.238			0.272			0.000			0.272
Total Gross/Weapon System Cost					29.771			0.083			0.238			0.272			-			0.272

*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:

With the exception of modifications listed in the P-40A, justification for individual modifications is provided in the P-3A exhibits.

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 4 **P-1 Line Item Nomenclature:** 53 - T-1 Mods **Aggregated Item Name:** T-1

Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
(Uncategorized)																			
1 - COMBAT SYSTEMS OFFICER (CSO) TRAINING		-	21	29.503	-	0	0.083	-	0	0.119	-	0	0.000	-	0	0.000	-	0	0.000
<i>Secondary Distribution</i>																			
Air Force Active			21	29.503		0	0.083		0	0.119		0	0.000		0	0.000		0	0.000
2 - LOW COST MODIFICATIONS		-	0	0.268	-	0	0.000	-	0	0.119	-	0	0.272	-	0	0.000	-	0	0.272
<i>Secondary Distribution</i>																			
Air Force Active			0	0.268		0	0.000		0	0.119		0	0.272		0	0.000		0	0.272
<i>Uncategorized Subtotal</i>				29.771			0.083			0.238			0.272			0.000			0.272
Total				29.771			0.083			0.238			0.272			0.000			0.272

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 4 **P-1 Line Item Nomenclature:** 53 - T-1 Mods **Aggregated Item Name:** T-1

Items († indicates the presence of a P-5A)	ID CD	FY 2014			FY 2015			FY 2016			FY 2017			To Complete			Total		
		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
<i>(Uncategorized)</i>																			
1 - COMBAT SYSTEMS OFFICER (CSO) TRAINING		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	21	29.705
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.000						
2 - LOW COST MODIFICATIONS		-	0	0.277	-	0	0.288	-	0	0.296	-	0	0.300	-	0	0.000	-	0	1.820
<i>Secondary Distribution</i>																			
Air Force Active			0	0.277		0	0.288		0	0.296		0	0.300						
<i>Uncategorized Subtotal</i>				0.277			0.288			0.296			0.300			0.000			31.525
Total				0.277			0.288			0.296			0.300			0.000			31.525

Remarks:

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

Appropriation / Budget Activity / Budget Sub Activity:
3010F : Aircraft Procurement, Air Force / BA 5 : Modification of Inservice Aircraft / BSA 4 : Trainer Aircraft

P-1 Line Item Nomenclature:
54 - T-38 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)	169.292	7.543	31.032	20.455	-	20.455	38.478	37.277	33.600	28.874	39.653	406.204
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	169.292	7.543	31.032	20.455	-	20.455	38.478	37.277	33.600	28.874	39.653	406.204
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	169.292	7.543	31.032	20.455	-	20.455	38.478	37.277	33.600	28.874	39.653	406.204

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

Description:

The T-38 is a twin engine, two seat (tandem), supersonic jet trainer used by Air Education Training Command as an advanced trainer in Specialized Undergraduate Pilot Training. Modifications are budgeted to enhance operational capability while improving flight safety, reliability, and maintainability. There are currently 508 T-38s in the Air Force inventory (54 T-38A, 6 AT-38B and 448 T-38C). The T-38 was designed with a 7,000 hour service life. Aircraft are now in their third service life and are sustained by upgrades and service life extensions. The primary modifications budgeted in FY13 are the Escape System Upgrade Program (ESUP), Pacer Classic III, and Video Data Transfer System/Speed Brake Indicator System (VDTS/SBIS) installation. The specific modifications budgeted and programmed are below.

Item Schedule		Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total			
Item Nomenclature*	Exhibits	ID CD	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
T-38 (See enclosed P-40A)	P40A				150.032			6.557			5.053			4.647			0.000			4.647
Pacer Classic III - 6088	P3A		-	-	19.260	-	-	0.986	-	-	25.979	-	-	15.808	-	-	-	-	-	15.808
Total Gross/Weapon System Cost					169.292			7.543			31.032			20.455			-			20.455

		FY 2014			FY 2015			FY 2016			FY 2017			To Complete			Total			
Item Nomenclature*	Exhibits	ID CD	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
T-38 (See enclosed P-40A)	P40A				1.510			1.479			1.438			1.385			0.000			172.101
Pacer Classic III - 6088	P3A		-	-	36.968	-	-	35.798	-	-	32.162	-	-	27.489	-	-	39.653	-	-	234.103
Total Gross/Weapon System Cost					38.478			37.277			33.600			28.874			39.653			406.204

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Exhibit P-40, Budget Item Justification Sheet: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F : Aircraft Procurement, Air Force / BA 5 : Modification of Inservice Aircraft / BSA 4 : Trainer Aircraft		P-1 Line Item Nomenclature: 54 - T-38 Mods
ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:
*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: With the exception of modifications listed in the P-40A, justification for individual modifications is provided in the P-3A exhibits.		

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force															Date: February 2012				
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 4							P-1 Line Item Nomenclature: 54 - T-38 Mods								Aggregated Item Name: T-38				

Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
(Uncategorized)																			
1 - T-38 ESCAPE SYSTEM UPGRADE		-	449	147.890	-	0	6.547	-	0	2.944	-	0	2.237	-	0	0.000	-	0	2.237
<i>Secondary Distribution</i>																			
Air Force Active			449	147.890		0	6.547		0	2.944		0	2.237		0	0.000		0	2.237
2 - VDTS/SBIS		-	0	0.000	-	0	0.000	-	67	2.100	-	79	2.400	-	0	0.000	-	79	2.400
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		67	2.100		79	2.400		0	0.000		79	2.400
3 - LOW COST SAFETY MODIFICATIONS		-	0	0.120	-	0	0.005	-	0	0.004	-	0	0.005	-	0	0.000	-	0	0.005
<i>Secondary Distribution</i>																			
Air Force Active			0	0.120		0	0.005		0	0.004		0	0.005		0	0.000		0	0.005
4 - LOW COST MODIFICATIONS		-	0	2.022	-	0	0.005	-	0	0.005	-	0	0.005	-	0	0.000	-	0	0.005
<i>Secondary Distribution</i>																			
Air Force Active			0	2.022		0	0.005		0	0.005		0	0.005		0	0.000		0	0.005
<i>Uncategorized Subtotal</i>				150.032			6.557			5.053			4.647			0.000			4.647
Total				150.032			6.557			5.053			4.647			0.000			4.647

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 4 **P-1 Line Item Nomenclature:** 54 - T-38 Mods **Aggregated Item Name:** T-38

Items († indicates the presence of a P-5A)	ID CD	FY 2014			FY 2015			FY 2016			FY 2017			To Complete			Total		
		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
(Uncategorized)																			
1 - T-38 ESCAPE SYSTEM UPGRADE		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	449	159.618
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.000						
2 - VDTS/SBIS		-	59	1.500	-	55	1.468	-	54	1.427	-	51	1.374	-	0	0.000	-	365	10.269
<i>Secondary Distribution</i>																			
Air Force Active			59	1.500		55	1.468		54	1.427		51	1.374						
3 - LOW COST SAFETY MODIFICATIONS		-	0	0.005	-	0	0.005	-	0	0.005	-	0	0.005	-	0	0.000	-	0	0.154
<i>Secondary Distribution</i>																			
Air Force Active			0	0.005		0	0.005		0	0.005		0	0.005						
4 - LOW COST MODIFICATIONS		-	0	0.005	-	0	0.006	-	0	0.006	-	0	0.006	-	0	0.000	-	0	2.060
<i>Secondary Distribution</i>																			
Air Force Active			0	0.005		0	0.006		0	0.006		0	0.006						
<i>Uncategorized Subtotal</i>				1.510			1.479			1.438			1.385			0.000			172.101
Total				1.510			1.479			1.438			1.385			0.000			172.101

Remarks:

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 4	P-1 Line Item Nomenclature: 54 - T-38 Mods	Modification Nomenclature <i>(Modification Title, Modification Number):</i> Pacer Classic III - 6088

Models of Systems Affected: T-38C	Type Modification: Service Life Extension	Related RDT&E PEs: 0804741F
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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)	19.260	0.986	25.979	15.808	-	15.808	36.968	35.798	32.162	27.489	39.653	234.103
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	19.260	0.986	25.979	15.808	-	15.808	36.968	35.798	32.162	27.489	39.653	234.103
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	19.260	0.986	25.979	15.808	-	15.808	36.968	35.798	32.162	27.489	39.653	234.103

(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 Millions)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

Pacer Classic III (PC III) is a depot-level modification program which replaces known life-limited components and ensures structural sustainment of 125 T-38C aircraft at high risk of grounding (51 at risk of grounding by FY12 and 74 aircraft prior to FY20). Timely modifications will ensure execution of customer (Air Education and Training Command) mission to FY26.

PC III will replace major structural components within the aircraft fuselage including major longerons, bulkhead/formers, internal skins and structural floors. These modifications have been categorized as Safety of Flight and determined by HQ Air Force Material Command to be required to correct material deficiencies to insure safety of personnel, systems or equipment. If uncorrected, the hazard will ground the system or equipment, restrict flight or ground operations, or result in unacceptable risk to personnel.

PCIII program direction is provided by Program Management Directive(PMD) 2338(4) and 1067: AETC 2009-002. The T-38 System Program Office (SPO), funded by the lead MAJCOM AETC and Euro Nato Joint Jet Pilot Training (ENJJPT) has defined and will accommodate the PC III structural retrofit, as it is necessary to maintain AETC mission capability. PC III installations will be performed by the 309 MXW Forward Operating Location (FOL)(FY11-FY18).

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Exhibit P-3A, Individual Modification: PB 2013 Air Force										Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 4					P-1 Line Item Nomenclature: 54 - T-38 Mods					Modification Nomenclature (<i>Modification Title, Modification Number</i>): Pacer Classic III - 6088			
Models of Systems Affected: T-38C				Type Modification: Service Life Extension				Related RDT&E PEs: 0804741F					
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
Pacer Classic III													
A Kits													
Recurring													
INSTALL KITS Group A (Active)													
	18	7.310	0	0.000	12	4.800	16	6.850	0	0.000	16	6.850	
<i>Subtotal Recurring</i>		7.310	0.000	4.800	6.850	0.000	6.850	0.000	6.850				
NonRecurring													
KITS NONRECUR Group A (Active)													
	0	1.500	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	
<i>Subtotal NonRecurring</i>		1.500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		
Secondary Distribution													
Air Force Active													
	18	19.260	0	0.986	12	25.979	16	10.745	0	0.000	16	10.745	
<i>Total, Pacer Classic III</i>		18	8.810	0	0.000	12	4.800	16	6.850	0	0.000	16	6.850
<i>Total, All Modifications</i>		8.810	0.000	4.800	6.850	0.000	6.850	0.000	6.850				
Support													
CHANGE ORDERS													
	0	0.000	0	0.000	0	0.440	0	0.440	0	0.000	0	0.440	
OTHER GOVT													
	0	1.070	0	0.376	0	0.580	0	0.590	0	0.000	0	0.590	
TOOLING													
	0	4.000	0	0.000	0	15.799	0	0.750	0	0.000	0	0.750	
OTHER GOVT (1)													
	0	4.750	0	0.000	0	4.300	0	2.055	0	0.000	0	2.055	
PMA - Contractor Services													
	0	0.590	0	0.560	0	0.000	0	0.000	0	0.000	0	0.000	
PMA - Gov't Costs													
	0	0.040	0	0.050	0	0.060	0	0.060	0	0.000	0	0.060	
<i>Total Support Cost</i>		10.450	0.986	21.179	3.895	0.000	3.895	0.000	3.895				
<i>Procurement Cost (Procurement + Support)</i>		19.260	0.986	25.979	10.745	0.000	10.745	0.000	10.745				
<i>Total Installation Cost</i>		0.000	0.000	0.000	5.063	0.000	5.063	0.000	5.063				
Total Cost (Procurement + Support + Installation)		19.260	0.986	25.979	15.808	0.000	15.808	0.000	15.808				
Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
Pacer Classic III													

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Exhibit P-3A, Individual Modification: PB 2013 Air Force										Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 4					P-1 Line Item Nomenclature: 54 - T-38 Mods					Modification Nomenclature (<i>Modification Title, Modification Number</i>): Pacer Classic III - 6088			
Models of Systems Affected: T-38C				Type Modification: Service Life Extension				Related RDT&E PEs: 0804741F					
Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total		
	Qty (Each)	Total Cost (\$ M)	Qty (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													
INSTALL KITS Group A (Active)	22	9.210	22	9.360	22	9.520	13	5.720	0	0.000	125	52.770	
<i>Subtotal Recurring</i>		9.210		9.360		9.520		5.720		0.000		52.770	
NonRecurring													
KITS NONRECUR Group A (Active)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	1.500	
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		1.500	
Secondary Distribution													
Air Force Active	22	12.970	22	12.380	22	12.590	13	8.360	-	-	-	-	
<i>Total, Pacer Classic III</i>	22	9.210	22	9.360	22	9.520	13	5.720	0	0.000	125	54.270	
<i>Total, All Modifications</i>		9.210		9.360		9.520		5.720		0.000		54.270	
Support													
CHANGE ORDERS	0	0.280	0	0.280	0	0.290	0	0.290	0	0.180	0	2.200	
OTHER GOVT	0	0.580	0	0.615	0	0.625	0	0.630	0	0.640	0	5.706	
TOOLING	0	0.800	0	0.820	0	0.830	0	0.590	0	0.710	0	24.299	
OTHER GOVT (1)	0	2.040	0	1.270	0	1.290	0	1.090	0	1.520	0	18.315	
PMA - Contractor Services	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	1.150	
PMA - Gov't Costs	0	0.060	0	0.035	0	0.035	0	0.040	0	0.090	0	0.470	
<i>Total Support Cost</i>		3.760		3.020		3.070		2.640		3.140		52.140	
<i>Procurement Cost (Procurement + Support)</i>		12.970		12.380		12.590		8.360		3.140		106.410	
<i>Total Installation Cost</i>		23.998		23.418		19.572		19.129		36.513		127.693	
Total Cost (Procurement + Support + Installation)		36.968		35.798		32.162		27.489		39.653		234.103	
Remarks:													
Manufacturer Information: Pacer Classic III													
Manufacturer Name: Northrop Grumman Tech Services						Manufacturer Location: Herndon, VA							
Administrative Leadtime (in Months): 3						Production Leadtime (in Months): 18							
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017						
Contract Dates		Jun 2012	Jun 2013	Jun 2014	Jun 2015	Jun 2016	Jun 2017						

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Exhibit P-3A, Individual Modification: PB 2013 Air Force							Date: February 2012						
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 4				P-1 Line Item Nomenclature: 54 - T-38 Mods				Modification Nomenclature (<i>Modification Title, Modification Number</i>): Pacer Classic III - 6088					
Models of Systems Affected: T-38C			Type Modification: Service Life Extension				Related RDT&E PEs: 0804741F						

Manufacturer Information: Pacer Classic III											
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017				
Delivery Dates		Dec 2013	Dec 2014	Dec 2015	Dec 2016	Dec 2017	Dec 2018				

Installation: Pacer Classic III				Method of Implementation: Depot				Installation Name:			
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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	5.063	-	-	2	5.063
Secondary Distribution - Air Force Active	-	-	-	-	-	-	2	5.063	-	-	2	5.063
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	0	0.000	-	-	0	0.000
Secondary Distribution - Air Force Active	-	-	-	-	-	-	0	0.000	-	-	0	0.000
Total	-	-	-	-	-	-	2	5.063	-	-	2	5.063
Secondary Distribution - Air Force Active	-	-	-	-	-	-	2	5.063	-	-	2	5.063

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ 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	15.800	-	-	-	-	-	-	0	0.000	18	20.863
Secondary Distribution - Air Force Active	16	15.800	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	6	8.198	6	8.200	-	-	-	-	0	0.000	12	16.398
Secondary Distribution - Air Force Active	6	8.198	6	8.200	-	-	-	-	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 4	P-1 Line Item Nomenclature: 54 - T-38 Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Pacer Classic III - 6088
Models of Systems Affected: T-38C	Type Modification: Service Life Extension	Related RDT&E PEs: 0804741F

Installation: Pacer Classic III	Method of Implementation: Depot	Installation Name:
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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	-	-	16	15.218	0	0.000	-	-	0	0.000	16	15.218
Secondary Distribution - Air Force Active	-	-	16	15.218	0	0.000	-	-	-	-	-	-
FY 2014	-	-	-	-	22	19.572	-	-	0	0.000	22	19.572
Secondary Distribution - Air Force Active	-	-	-	-	22	19.572	-	-	-	-	-	-
FY 2015	-	-	-	-	0	0.000	22	19.129	0	0.000	22	19.129
Secondary Distribution - Air Force Active	-	-	-	-	0	0.000	22	19.129	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	22	22.000	22	22.000
FY 2017	-	-	-	-	-	-	-	-	13	14.513	13	14.513
To Complete	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
Secondary Distribution - Air Force Active	0	0.000	0	0.000	0	0.000	0	0.000	-	-	-	-
Total	22	23.998	22	23.418	22	19.572	22	19.129	35	36.513	125	127.693
Secondary Distribution - Air Force Active	22	23.998	22	23.418	22	19.572	22	19.129	-	-	-	-

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	0	0	0	0	0	0	0	1	1	0	0	6	5	6	5	6	5	6	5	6	5	6	5	6	5	6	5	35	125
Out	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	6	5	6	5	6	5	6	5	6	5	6	5	6	5	46	125

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

Appropriation / Budget Activity / Budget Sub Activity: 3010F : Aircraft Procurement, Air Force / BA 5 : Modification of Inservice Aircraft / BSA 5 : Other Aircraft	P-1 Line Item Nomenclature: 55-56 - U-2 Mods
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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)	-	0.000	0.000	44.477	46.800	91.277	58.674	65.083	25.481	52.808	-	293.323
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	0.000	0.000	44.477	46.800	91.277	58.674	65.083	25.481	52.808	-	293.323
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	-	0.000	0.000	44.477	46.800	91.277	58.674	65.083	25.481	52.808	-	293.323

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

Description:

FY13 funding totals include \$46.8M requested for Overseas Contingency Operations.

The CIA established the Senior Year Program in 1955. The program has evolved to include the airframes, engines, sensors, cameras, recorders, data links life support systems, test facilities and equipment. The U-2S model airframes were constructed in the late 1980s, with the last aircraft rolling off the assembly line in 1989. The U-2S provides global reconnaissance signals intelligence (SIGINT) and geospatial intelligence (GEOINT) 24 hours a day, seven days a week in support of national and DoD worldwide missions. The U-2 is currently deployed to forward operating locations (FOL) around the world. Due to delays in the Global Hawk program, the U-2 has been extended to 2025. Modifications to the aircraft are required to ensure continued operations.

The current U-2 inventory includes 27 operational/mission capable aircraft, and five (5) trainer aircraft.

This program has associated Research, Development, Test and Evaluation funding in PE 0305202F.

Item Schedule		Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total			
Item Nomenclature*	Exhibits	ID CD	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
U-2 Mod - 4494	P3A		-	-	-	-	-	-	-	-	-	-	-	44.477	-	-	46.800	-	-	91.277
Total Gross/Weapon System Cost					-			0.000			0.000			44.477			46.800			91.277

UNCLASSIFIED

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

Appropriation / Budget Activity / Budget Sub Activity: 3010F : Aircraft Procurement, Air Force / BA 5 : Modification of Inservice Aircraft / BSA 5 : Other Aircraft	P-1 Line Item Nomenclature: 55-56 - U-2 Mods
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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 (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
U-2 Mod - 4494	P3A		-	-	58.674	-	-	65.083	-	-	25.481	-	-	52.808	-	-	-	-	-	293.323
Total Gross/Weapon System Cost					58.674			65.083			25.481			52.808						293.323

*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:

With the exception of modifications listed in the P-40A, justification for individual modifications is provided in the P-3A exhibits.

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 55-56 - U-2 Mods	Modification Nomenclature <i>(Modification Title, Modification Number):</i> U-2 Mod - 4494

Models of Systems Affected: No text provided.	Type Modification: 0	Related RDT&E PEs: 0305202F
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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)	-	-	-	44.477	46.800	91.277	58.674	65.083	25.481	52.808	-	293.323
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	-	-	44.477	46.800	91.277	58.674	65.083	25.481	52.808	-	293.323
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	-	-	-	44.477	46.800	91.277	58.674	65.083	25.481	52.808	-	293.323

(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 Millions)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The CIA established the Senior Year Program in 1955. The program has evolved to include the airframes, engines, sensors, cameras, recorders, data links life support systems, test facilities and equipment. The U-2S model airframes were constructed in the late 1980s, with the last aircraft rolling off the assembly line in 1989. The U-2S provides global reconnaissance signals intelligence (SIGINT) and geospatial intelligence (GEOINT) 24 hours a day, seven days a week in support of national and DoD worldwide missions. The U-2 is currently deployed to forward operating locations (FOL) around the world. Due to delays in the Global Hawk program, the U-2 has been extended to 2025. Modifications to the aircraft are required to ensure continued operations.

Details are classified and available on a need-to-know basis.

The current U-2 inventory includes 27 operational/mission capable aircraft, and five (5) trainer aircraft.

This program has associated Research, Development, Test and Evaluation funding in PE 0305202F.

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Exhibit P-3A, Individual Modification: PB 2013 Air Force								Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5				P-1 Line Item Nomenclature: 55-56 - U-2 Mods				Modification Nomenclature (<i>Modification Title, Modification Number</i>): U-2 Mod - 4494			

Models of Systems Affected: No text provided.				Type Modification: 0				Related RDT&E PEs: 0305202F			
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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)
RDT&E PE #												
0305202F	0	0.000	0	0.000	0	0.000	0	23.600	0	0.000	0	23.600
Procurement												
U-2 Mod												
A Kits												
Recurring												
INSTALL KITS Group A (Active)	0	0.000	0	0.000	0	0.000	1	22.239	1	23.400	2	45.639
<i>Subtotal Recurring</i>		0.000		0.000		0.000		22.239		23.400		45.639
Secondary Distribution												
Air Force Active	0	0.000	0	0.000	0	0.000	1	22.239	1	23.400	2	45.639
<i>Total, U-2 Mod</i>	0	0.000	0	0.000	0	0.000	1	22.239	1	23.400	2	45.639
<i>Total, All Modifications</i>		0.000		0.000		0.000		22.239		23.400		45.639
<i>Procurement Cost (Procurement + Support)</i>		0.000		0.000		0.000		22.239		23.400		45.639
<i>Total Installation Cost</i>		0.000		0.000		0.000		22.238		23.400		45.638
Total Cost (Procurement + Support + Installation)		0.000		0.000		0.000		44.477		46.800		91.277

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
RDT&E PE #												
0305202F	0	18.700	0	11.300	0	12.100	0	8.600	0	0.000	0	74.300
Procurement												
U-2 Mod												
A Kits												
Recurring												
INSTALL KITS Group A (Active)	1	29.337	1	32.542	1	12.741	1	26.404	0	0.000	6	146.663
<i>Subtotal Recurring</i>		29.337		32.542		12.741		26.404		0.000		146.663
Secondary Distribution												
Air Force Active	1	29.337	1	32.542	1	12.741	1	26.404	-	-	-	-
<i>Total, U-2 Mod</i>	1	29.337	1	32.542	1	12.741	1	26.404	0	0.000	6	146.663

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 55-56 - U-2 Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): U-2 Mod - 4494

Models of Systems Affected: No text provided.	Type Modification: 0	Related RDT&E PEs: 0305202F
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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>		29.337		32.542		12.741		26.404		0.000		146.663
<i>Procurement Cost (Procurement + Support)</i>		29.337		32.542		12.741		26.404		0.000		146.663
<i>Total Installation Cost</i>		29.337		32.541		12.740		26.404		0.000		146.660
Total Cost (Procurement + Support + Installation)		58.674		65.083		25.481		52.808		0.000		293.323

Remarks:

Manufacturer Information: U-2 Mod

Manufacturer Name: Details classified.	Manufacturer Location: Details classified.
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 2013				
Delivery Dates			Jan 2014				

Installation: U-2 Mod

Method of Implementation: Contractor Facility	Installation Name:
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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	-	-	-	-	-	-	1	22.238	1	23.400	2	45.638
Secondary Distribution - Air Force Active	-	-	-	-	-	-	1	22.238	1	23.400	2	45.638
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 55-56 - U-2 Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): U-2 Mod - 4494
Models of Systems Affected: No text provided.	Type Modification: 0	Related RDT&E PEs: 0305202F

Installation: U-2 Mod	Method of Implementation: Contractor Facility	Installation Name:
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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	-	-	-	-	-	-	0	0.000	0	0.000	0	0.000
Secondary Distribution - Air Force Active	-	-	-	-	-	-	0	0.000	0	0.000	0	0.000
Total	-	-	-	-	-	-	1	22.238	1	23.400	2	45.638
Secondary Distribution - Air Force Active	-	-	-	-	-	-	1	22.238	1	23.400	2	45.638

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ 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	2	45.638
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	1	29.337	-	-	-	-	-	-	0	0.000	1	29.337
Secondary Distribution - Air Force Active	1	29.337	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	1	32.541	-	-	-	-	0	0.000	1	32.541
Secondary Distribution - Air Force Active	-	-	1	32.541	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	1	12.740	-	-	0	0.000	1	12.740
Secondary Distribution - Air Force Active	-	-	-	-	1	12.740	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	1	26.404	0	0.000	1	26.404
Secondary Distribution - Air Force Active	-	-	-	-	-	-	1	26.404	-	-	-	-
To Complete	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
Secondary Distribution - Air Force Active	0	0.000	0	0.000	0	0.000	0	0.000	-	-	-	-
Total	1	29.337	1	32.541	1	12.740	1	26.404	0	0.000	6	146.660
Secondary Distribution - Air Force Active	1	29.337	1	32.541	1	12.740	1	26.404	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 55-56 - U-2 Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): U-2 Mod - 4494
Models of Systems Affected: No text provided.	Type Modification: 0	Related RDT&E PEs: 0305202F

Installation: U-2 Mod	Method of Implementation: Contractor Facility	Installation Name:
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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	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	1	0	0	0	1	0	0	0	1	0	0	1	6
Out	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	1	0	0	0	1	0	0	0	1	0	0	1	6

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

Appropriation / Budget Activity / Budget Sub Activity:
3010F : Aircraft Procurement, Air Force / BA 5 : Modification of Inservice Aircraft / BSA 5 : Other Aircraft

P-1 Line Item Nomenclature:
57 - KC-10 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)	17.051	15.252	9.820	46.921	-	46.921	82.912	33.944	7.857	4.782	0.020	218.559
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	17.051	15.252	9.820	46.921	-	46.921	82.912	33.944	7.857	4.782	0.020	218.559
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	17.051	15.252	9.820	46.921	-	46.921	82.912	33.944	7.857	4.782	0.020	218.559

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

Description:

FY11 funding totals include \$3.54M appropriated for Overseas Contingency Operations.

This line item funds modifications for the fleet of 59 KC-10 aircraft with a projected service life of 2045. On average, the aircraft are 28 years old with 33 service years remaining. The three engine KC-10 serves a dual role by providing both air refueling and strategic airlift support. The aircraft provides air refueling by using both the boom and the drogue methods and can carry up to 27 standard 463-L pallets. The specific modifications budgeted and programmed are listed below

Item Schedule		ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
KC-10 (See enclosed P-40A)	P40A				10.169			12.210			5.979			1.813			0.000			1.813
CNS/ATM - 7726	P3A		-	-	-	-	-	-	-	-	-	-	38.921	-	-	-	-	-	-	38.921
KC-10 Drag initiative - 7731	P3A		-	-	-	-	-	-	-	-	-	-	0.175	-	-	-	-	-	-	0.175
SERVICE BULLETINS - 1	P3A		-	-	6.882	-	-	3.042	-	-	3.841	-	-	6.012	-	-	-	-	-	6.012
Total Gross/Weapon System Cost					17.051			15.252			9.820			46.921			-			46.921

		ID CD	FY 2014			FY 2015			FY 2016			FY 2017			To Complete			Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
KC-10 (See enclosed P-40A)	P40A				5.124			4.305			1.328			0.563			0.020			41.511

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

Appropriation / Budget Activity / Budget Sub Activity: 3010F : Aircraft Procurement, Air Force / BA 5 : Modification of Inservice Aircraft / BSA 5 : Other Aircraft	P-1 Line Item Nomenclature: 57 - KC-10 Mods
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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 (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
CNS/ATM - 7726	P3A		-	-	64.600	-	-	15.200	-	-	-	-	-	-	-	-	-	-	-	118.721
KC-10 Drag initiative - 7731	P3A		-	-	10.100	-	-	12.800	-	-	3.100	-	-	-	-	-	-	-	-	26.175
SERVICE BULLETINS - 1	P3A		-	-	3.088	-	-	1.639	-	-	3.429	-	-	4.219	-	-	-	-	-	32.152
Total Gross/Weapon System Cost					82.912			33.944			7.857			4.782			0.020			218.559

*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:
 With the exception of modifications listed in the P-40A, justification for individual modifications is provided in the P-3A exhibits.

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5 **P-1 Line Item Nomenclature:** 57 - KC-10 Mods **Aggregated Item Name:** KC-10

Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
(Uncategorized)																			
1 - Boom Control Unit (BCU)		-	0	0.000	-	0	2.152	-	0	5.709	-	0	0.000	-	0	0.000	-	0	0.000
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	2.152		0	5.709		0	0.000		0	0.000		0	0.000
2 - Mode 5		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.000		0	0.000		0	0.000
3 - Visual System Replacement (VSR)		-	0	6.266	-	0	6.457	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000
<i>Secondary Distribution</i>																			
Air Force Active			0	6.266		0	6.457		0	0.000		0	0.000		0	0.000		0	0.000
4 - UHF SATCOM Antenna		-	0	0.000	-	57	3.580	-	0	0.249	-	0	0.803	-	0	0.000	-	0	0.803
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		57	3.580		0	0.249		0	0.803		0	0.000		0	0.803
5 - LOW COST SAFETY MODIFICATIONS		-	0	0.004	-	0	0.001	-	0	0.001	-	0	0.010	-	0	0.000	-	0	0.010
<i>Secondary Distribution</i>																			
Air Force Active			0	0.004		0	0.001		0	0.001		0	0.010		0	0.000		0	0.010
6 - LOW COST MODIFICATIONS		-	0	3.899	-	0	0.020	-	0	0.020	-	0	1.000	-	0	0.000	-	0	1.000
<i>Secondary Distribution</i>																			
Air Force Active			0	3.899		0	0.020		0	0.020		0	1.000		0	0.000		0	1.000
<i>Uncategorized Subtotal</i>				10.169			12.210			5.979			1.813			0.000			1.813
Total				10.169			12.210			5.979			1.813			0.000			1.813

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5 **P-1 Line Item Nomenclature:** 57 - KC-10 Mods **Aggregated Item Name:** KC-10

Items († indicates the presence of a P-5A)	ID CD	FY 2014			FY 2015			FY 2016			FY 2017			To Complete			Total		
		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
(Uncategorized)																			
1 - Boom Control Unit (BCU)		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	7.861
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.000						
2 - Mode 5		-	29	4.568	-	29	4.275	-	0	1.318	-	0	0.553	-	0	0.000	-	58	10.714
<i>Secondary Distribution</i>																			
Air Force Active			29	4.568		29	4.275		0	1.318		0	0.553						
3 - Visual System Replacement (VSR)		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	12.723
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.000						
4 - UHF SATCOM Antenna		-	0	0.526	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	57	5.158
<i>Secondary Distribution</i>																			
Air Force Active			0	0.526		0	0.000		0	0.000		0	0.000						
5 - LOW COST SAFETY MODIFICATIONS		-	0	0.010	-	0	0.010	-	0	0.010	-	0	0.010	-	0	0.020	-	0	0.076
<i>Secondary Distribution</i>																			
Air Force Active			0	0.010		0	0.010		0	0.010		0	0.010						
6 - LOW COST MODIFICATIONS		-	0	0.020	-	0	0.020	-	0	0.000	-	0	0.000	-	0	0.000	-	0	4.979
<i>Secondary Distribution</i>																			
Air Force Active			0	0.020		0	0.020		0	0.000		0	0.000						
<i>Uncategorized Subtotal</i>				5.124			4.305			1.328			0.563			0.000			41.511
Total				5.124			4.305			1.328			0.563			0.020			41.511

Remarks:

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 57 - KC-10 Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): CNS/ATM - 7726

Models of Systems Affected: KC-10	Type Modification: Capability Improvement	Related RDT&E PEs: 0401219F
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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)	-	-	-	38.921	-	38.921	64.600	15.200	-	-	-	118.721
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	-	-	38.921	-	38.921	64.600	15.200	-	-	-	118.721
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	-	-	-	38.921	-	38.921	64.600	15.200	-	-	-	118.721

(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 Millions)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The KC-10 Communications, Navigation, and Surveillance/Air Traffic Management (CNS/ATM) program provides worldwide civil airspace accessibility by FY 2015 for the fleet of 59 aircraft. FAA airworthiness certification following the modification is required. An upgrade of the current Flight Management System (FMS) and Inertial Navigation System (INS) is required to meet the 2015 CNS/ATM requirements and address associated INS and FMS obsolescence issues. This capability gap is well documented in both RAND KC-10 Analysis of Alternatives (AoA) and Service Life Extension Program (SLEP) Studies. Avionics components shall use either Commercial Off-The-Shelf (COTS), or Military Off-The-Shelf (MOTS) software and hardware. CNS/ATM requirements include: Required Navigation Performance 4 (RNP-4) Oceanic/Remote for enroute Oceanic Airspace with either 50/50 nautical mile (NM) or 30/30 NM separations; Area Navigation (RNAV) 2 & 1 for enroute & terminal airspace operations; Precision-RNAV (P-RNAV) for preferred terminal area routes in Europe (1 NM Accuracy); RNP-4 & RNP-1 for reduced separations enroute, and terminal airspace; Time of Arrival Control for Refuel rendezvous (within 30sec); Automated Dependent Surveillance-B Out (ADS-B Out) for enhanced air and ground surveillance; Global Positioning System (GPS) for enhanced navigation capability; Selective Availability Anti-Spoofing Module (SAASM) for GPS Security; Satellite Data Link for Aircrew Training System (ATS) and Command and Control (C2) Communications for flight in Oceanic Airspace (FL310-410); Satellite Voice for Beyond-Line-Of-Sight (BLOS) Pilot - Controller Communications and C2 Operations; and Very High Frequency Datalink (VDL) Mode-2 for Line of Sight (LOS) Pilot - Controller Communications and C2 Operations.

This program has associated Research, Development, Test & Evaluation (RDT&E) funding in PE 0401219F. Two Group A/B modification kits will be procured using FY12 RDT&E funding and installed in FY13.

CNS/ATM is a New Start program (Procurement) in FY13.

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Exhibit P-3A, Individual Modification: PB 2013 Air Force								Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5				P-1 Line Item Nomenclature: 57 - KC-10 Mods				Modification Nomenclature (<i>Modification Title, Modification Number</i>): CNS/ATM - 7726					
Models of Systems Affected: KC-10				Type Modification: Capability Improvement				Related RDT&E PEs: 0401219F					
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
RDT&E PE #													
0401219F	0	28.700	0	41.456	2	30.868	0	20.222	0	0.000	0	20.222	
Procurement													
CNS/ATM													
A Kits													
Recurring													
INSTALL KITS Group A (Active)	0	0.000	0	0.000	0	0.000	25	5.270	0	0.000	25	5.270	
INSTALL KITS Group A (Guard)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	
INSTALL KITS Group A (Reserve)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	
<i>Subtotal Recurring</i>		0.000		0.000		0.000		5.270		0.000		5.270	
NonRecurring													
KITS NONRECUR Group A (Active)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		0.000	
B Kits													
Recurring													
EQUIPMENT Group B (Active)	0	0.000	0	0.000	0	0.000	25	25.147	0	0.000	25	25.147	
<i>Subtotal Recurring</i>		0.000		0.000		0.000		25.147		0.000		25.147	
NonRecurring													
EQUIP NONREC Group B (Active)	0	0.000	0	0.000	0	0.000	0	0.060	0	0.000	0	0.060	
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.060		0.000		0.060	
Secondary Distribution													
Air Force Active	0	0.000	0	0.000	0	0.000	25	37.376	0	0.000	25	37.376	
<i>Total, CNS/ATM</i>	0	0.000	0	0.000	0	0.000	25	30.477	0	0.000	25	30.477	
<i>Total, All Modifications</i>		0.000		0.000		0.000		30.477		0.000		30.477	
Support													
DATA	0	0.000	0	0.000	0	0.000	0	3.421	0	0.000	0	3.421	
SIM/TRAINER	0	0.000	0	0.000	0	0.000	0	1.002	0	0.000	0	1.002	
FLIGHT TEST	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	
OTHER GOVT	0	0.000	0	0.000	0	0.000	0	2.426	0	0.000	0	2.426	

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 57 - KC-10 Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): CNS/ATM - 7726

Models of Systems Affected: KC-10	Type Modification: Capability Improvement	Related RDT&E PEs: 0401219F										
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
PMA - Contractor Services	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
PMA - Gov't Costs	0	0.000	0	0.000	0	0.000	0	0.050	0	0.000	0	0.050
<i>Total Support Cost</i>		<i>0.000</i>		<i>0.000</i>		<i>0.000</i>		<i>6.899</i>		<i>0.000</i>		<i>6.899</i>
<i>Procurement Cost (Procurement + Support)</i>		<i>0.000</i>		<i>0.000</i>		<i>0.000</i>		<i>37.376</i>		<i>0.000</i>		<i>37.376</i>
<i>Total Installation Cost</i>		<i>0.000</i>		<i>0.000</i>		<i>0.000</i>		<i>1.545</i>		<i>0.000</i>		<i>1.545</i>
Total Cost (Procurement + Support + Installation)		0.000		0.000		0.000		38.921		0.000		38.921

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
RDT&E PE #												
0401219F	0	4.580	0	3.054	0	0.000	0	0.000	0	0.000	2	128.880
Procurement												
CNS/ATM												
A Kits												
Recurring												
INSTALL KITS Group A (Active)	32	6.890	0	0.000	0	0.000	0	0.000	0	0.000	57	12.160
INSTALL KITS Group A (Guard)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
INSTALL KITS Group A (Reserve)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
<i>Subtotal Recurring</i>		<i>6.890</i>		<i>0.000</i>		<i>0.000</i>		<i>0.000</i>		<i>0.000</i>		<i>12.160</i>
NonRecurring												
KITS NONRECUR Group A (Active)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
<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>0.000</i>
B Kits												
Recurring												
EQUIPMENT Group B (Active)	32	33.155	0	0.000	0	0.000	0	0.000	0	0.000	57	58.302
<i>Subtotal Recurring</i>		<i>33.155</i>		<i>0.000</i>		<i>0.000</i>		<i>0.000</i>		<i>0.000</i>		<i>58.302</i>
NonRecurring												
EQUIP NONREC Group B (Active)	0	0.060	0	0.062	0	0.000	0	0.000	0	0.000	0	0.182
<i>Subtotal NonRecurring</i>		<i>0.060</i>		<i>0.062</i>		<i>0.000</i>		<i>0.000</i>		<i>0.000</i>		<i>0.182</i>

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 57 - KC-10 Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): CNS/ATM - 7726

Models of Systems Affected: KC-10	Type Modification: Capability Improvement	Related RDT&E PEs: 0401219F
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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)
Secondary Distribution												
Air Force Active	32	48.120	0	3.870	0	0.000	0	0.000	-	-	-	-
<i>Total, CNS/ATM</i>	32	40.105	0	0.062	0	0.000	0	0.000	0	0.000	57	70.644
<i>Total, All Modifications</i>		40.105		0.062		0.000		0.000		0.000		70.644
Support												
DATA	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	3.421
SIM/TRAINER	0	1.692	0	1.613	0	0.000	0	0.000	0	0.000	0	4.307
FLIGHT TEST	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
OTHER GOVT	0	4.873	0	0.745	0	0.000	0	0.000	0	0.000	0	8.044
PMA - Contractor Services	0	1.100	0	1.100	0	0.000	0	0.000	0	0.000	0	2.200
PMA - Gov't Costs	0	0.350	0	0.350	0	0.000	0	0.000	0	0.000	0	0.750
<i>Total Support Cost</i>		8.015		3.808		0.000		0.000		0.000		18.722
<i>Procurement Cost (Procurement + Support)</i>		48.120		3.870		0.000		0.000		0.000		89.366
<i>Total Installation Cost</i>		16.480		11.330		0.000		0.000		0.000		29.355
Total Cost (Procurement + Support + Installation)		64.600		15.200		0.000		0.000		0.000		118.721

Remarks:

Manufacturer Information: CNS/ATM

Manufacturer Name: Rockwell Collins	Manufacturer Location: Cedar Rapids, IA
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			Dec 2012	Dec 2013			
Delivery Dates			Mar 2013	Mar 2014			

Installation: CNS/ATM

Method of Implementation: Contractor Facility **Installation Name:**

Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ 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 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 57 - KC-10 Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): CNS/ATM - 7726
Models of Systems Affected: KC-10	Type Modification: Capability Improvement	Related RDT&E PEs: 0401219F

Installation: CNS/ATM	Method of Implementation: Contractor Facility	Installation Name:
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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	-	-	-	-	-	-	3	1.545	-	-	3	1.545
Secondary Distribution - Air Force Active	-	-	-	-	-	-	3	1.545	-	-	3	1.545
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	0	0.000	-	-	0	0.000
Secondary Distribution - Air Force Active	-	-	-	-	-	-	0	0.000	-	-	0	0.000
Total	-	-	-	-	-	-	3	1.545	-	-	3	1.545
Secondary Distribution - Air Force Active	-	-	-	-	-	-	3	1.545	-	-	3	1.545

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ 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	22	11.330	-	-	-	-	-	-	0	0.000	25	12.875
Secondary Distribution - Air Force Active	22	11.330	-	-	-	-	-	-	-	-	-	-
FY 2014	10	5.150	22	11.330	-	-	-	-	0	0.000	32	16.480
Secondary Distribution - Air Force Active	10	5.150	22	11.330	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	0	0.000	0	0.000	-	-	-	-	0	0.000	0	0.000
Secondary Distribution - Air Force Active	0	0.000	0	0.000	-	-	-	-	-	-	-	-

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5		P-1 Line Item Nomenclature: 57 - KC-10 Mods
Models of Systems Affected: KC-10		Modification Nomenclature (<i>Modification Title, Modification Number</i>): CNS/ATM - 7726
Type Modification: Capability Improvement		Related RDT&E PEs: 0401219F

Installation: CNS/ATM		Method of Implementation: Contractor Facility				Installation Name:						
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>
Total	32	16.480	22	11.330	-	-	-	-	0	0.000	57	29.355
Secondary Distribution - Air Force Active	32	16.480	22	11.330	-	-	-	-	-	-	-	-

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	0	0	0	0	0	0	0	0	0	1	2	8	8	8	8	7	7	7	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	57
Out	0	0	0	0	0	0	0	0	0	0	0	1	2	8	8	8	8	7	7	7	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	57

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 57 - KC-10 Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): KC-10 Drag initiative - 7731

Models of Systems Affected: KC-10	Type Modification: Capability Improvement	Related RDT&E PEs: 0401219F
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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)	-	-	-	0.175	-	0.175	10.100	12.800	3.100	-	-	26.175
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	-	-	0.175	-	0.175	10.100	12.800	3.100	-	-	26.175
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	-	-	-	0.175	-	0.175	10.100	12.800	3.100	-	-	26.175

(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 Millions)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The KC-10 Drag Reduction program will improve fuel efficiency by adapting aerodynamic improvements to three areas of separated airflow identified on the airframe that produce turbulence. The three areas are the Pylon Fillet, Windshield Fairings, and Outboard Slat Seals. The total improvement in fuel burn is 1.4% fuel savings. This drag improvement modification will reduce fuel consumption by 1,710,000 gallons per year after the modification is completed.

This is a FY13 new start.

Must specify a milestones contract date in PY, CY, or BY1.

Must specify a milestones delivery date in PY, CY, or BY1.

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Air Force									Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5				P-1 Line Item Nomenclature: 57 - KC-10 Mods					Modification Nomenclature (<i>Modification Title, Modification Number</i>): KC-10 Drag initiative - 7731			
Models of Systems Affected: KC-10			Type Modification: Capability Improvement				Related RDT&E PEs: 0401219F					
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
RDT&E PE #												
0401219F	0	0.000	0	0.000	0	0.000	1	1.900	0	0.000	1	1.900
Procurement												
KC-10 Drag initiative												
A Kits												
Recurring												
INSTALL KITS Group A (Active)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		0.000
NonRecurring												
KITS NONRECUR Group A (Active)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		0.000
B Kits												
Recurring												
EQUIPMENT Group B (Active)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		0.000
NonRecurring												
EQUIP NONREC Group B (Active)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		0.000
Secondary Distribution												
Air Force Active	0	0.000	0	0.000	0	0.000	0	0.175	0	0.000	0	0.175
<i>Total, KC-10 Drag initiative</i>	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
<i>Total, All Modifications</i>		0.000		0.000		0.000		0.000		0.000		0.000
Support												
DATA	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
PMA - Gov't Costs	0	0.000	0	0.000	0	0.000	0	0.175	0	0.000	0	0.175
<i>Total Support Cost</i>		0.000		0.000		0.000		0.175		0.000		0.175
<i>Procurement Cost (Procurement + Support)</i>		0.000		0.000		0.000		0.175		0.000		0.175
<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		0.175		0.000		0.175

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Exhibit P-3A, Individual Modification: PB 2013 Air Force									Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5				P-1 Line Item Nomenclature: 57 - KC-10 Mods					Modification Nomenclature (<i>Modification Title, Modification Number</i>): KC-10 Drag initiative - 7731			
Models of Systems Affected: KC-10			Type Modification: Capability Improvement				Related RDT&E PEs: 0401219F					
Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
RDT&E PE #												
0401219F	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	1	1.900
Procurement												
KC-10 Drag initiative												
A Kits												
Recurring												
INSTALL KITS Group A (Active)	30	6.316	28	5.942	0	0.000	0	0.000	0	0.000	58	12.258
<i>Subtotal Recurring</i>		6.316		5.942		0.000		0.000		0.000		12.258
NonRecurring												
KITS NONRECUR Group A (Active)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		0.000
B Kits												
Recurring												
EQUIPMENT Group B (Active)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		0.000
NonRecurring												
EQUIP NONREC Group B (Active)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		0.000
Secondary Distribution												
Air Force Active	30	6.316	28	5.942	0	0.000	0	0.000	-	-	-	-
<i>Total, KC-10 Drag initiative</i>	30	6.316	28	5.942	0	0.000	0	0.000	0	0.000	58	12.258
<i>Total, All Modifications</i>		6.316		5.942		0.000		0.000		0.000		12.258
Support												
DATA	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
PMA - Gov't Costs	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.175
<i>Total Support Cost</i>		0.000		0.000		0.000		0.000		0.000		0.175
<i>Procurement Cost (Procurement + Support)</i>		6.316		5.942		0.000		0.000		0.000		12.433
<i>Total Installation Cost</i>		3.784		6.858		3.100		0.000		0.000		13.742
Total Cost (Procurement + Support + Installation)		10.100		12.800		3.100		0.000		0.000		26.175

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 57 - KC-10 Mods	Modification Nomenclature <i>(Modification Title, Modification Number):</i> KC-10 Drag initiative - 7731
Models of Systems Affected: KC-10	Type Modification: Capability Improvement	Related RDT&E PEs: 0401219F

Remarks:

Manufacturer Information: KC-10 Drag initiative

Manufacturer Name: -	Manufacturer Location: -
Administrative Leadtime <i>(in Months)</i> : 3	Production Leadtime <i>(in Months)</i> : 3

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

Installation: KC-10 Drag initiative **Method of Implementation:** Depot **Installation Name:**

Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty <i>(Each)</i>	Total Cost <i>(\$ M)</i>	Qty <i>(Each)</i>	Total Cost <i>(\$ M)</i>	Qty <i>(Each)</i>	Total Cost <i>(\$ M)</i>	Qty <i>(Each)</i>	Total Cost <i>(\$ M)</i>	Qty <i>(Each)</i>	Total Cost <i>(\$ M)</i>	Qty <i>(Each)</i>	Total Cost <i>(\$ M)</i>
All Prior Years	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-

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

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5		P-1 Line Item Nomenclature: 57 - KC-10 Mods
		Modification Nomenclature (<i>Modification Title, Modification Number</i>): KC-10 Drag initiative - 7731
Models of Systems Affected: KC-10	Type Modification: Capability Improvement	Related RDT&E PEs: 0401219F

Installation: KC-10 Drag initiative	Method of Implementation: Depot	Installation Name:
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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	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	14	3.784	16	3.783	-	-	-	-	0	0.000	30	7.567
Secondary Distribution - Air Force Active	14	3.784	16	3.783	-	-	-	-	-	-	-	-
FY 2015	-	-	13	3.075	15	3.100	-	-	0	0.000	28	6.175
Secondary Distribution - Air Force Active	-	-	13	3.075	15	3.100	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	0	0.000	0	0.000	0	0.000	-	-	0	0.000	0	0.000
Secondary Distribution - Air Force Active	0	0.000	0	0.000	0	0.000	-	-	-	-	-	-
Total	14	3.784	29	6.858	15	3.100	-	-	0	0.000	58	13.742
Secondary Distribution - Air Force Active	14	3.784	29	6.858	15	3.100	-	-	-	-	-	-

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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	7	7	7	8	7	7	7	8	0	0	0	0	0	0	0	0	0	0	0	58
Out	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	7	7	7	8	7	7	7	8	0	0	0	0	0	0	0	0	0	0	0	58

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Exhibit P-3A, Individual Modification: PB 2013 Air Force							Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5			P-1 Line Item Nomenclature: 57 - KC-10 Mods				Modification Nomenclature (<i>Modification Title, Modification Number</i>): SERVICE BULLETINS - 1					

Models of Systems Affected: KC-10			Type Modification: Service Life Extension				Related RDT&E PEs: 0401219F					
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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)	6.882	3.042	3.841	6.012	-	6.012	3.088	1.639	3.429	4.219	-	32.152
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	6.882	3.042	3.841	6.012	-	6.012	3.088	1.639	3.429	4.219	-	32.152
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	6.882	3.042	3.841	6.012	-	6.012	3.088	1.639	3.429	4.219	-	32.152

(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 Millions)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

These funds pay for Service Bulletins (SBs), Airworthiness Directives (ADs), and All Operator Letters (AOLs) issued to correct identified deficiencies, provide product improvements, and incorporate aging aircraft and FAA certification requirements. The current major requirements include fuel system updates and flight control cable freeze protection.

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 57 - KC-10 Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): SERVICE BULLETINS - 1

Models of Systems Affected: KC-10	Type Modification: Service Life Extension	Related RDT&E PEs: 0401219F
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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												
SERVICE BULLETINS												
A Kits												
Recurring												
INSTALL KITS Group A (Active)	3	6.882	1	3.042	1	3.841	1	6.012	0	0.000	1	6.012
<i>Subtotal Recurring</i>		6.882		3.042		3.841		6.012		0.000		6.012
Secondary Distribution												
Air Force Active	0	6.882	0	3.042	0	3.841	0	6.012	0	0.000	0	6.012
<i>Total, SERVICE BULLETINS</i>	0	6.882	0	3.042	0	3.841	0	6.012	0	0.000	0	6.012
<i>Total, All Modifications</i>		6.882		3.042		3.841		6.012		0.000		6.012
<i>Procurement Cost (Procurement + Support)</i>		6.882		3.042		3.841		6.012		0.000		6.012
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		6.882		3.042		3.841		6.012		0.000		6.012

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
SERVICE BULLETINS												
A Kits												
Recurring												
INSTALL KITS Group A (Active)	1	3.088	1	1.639	1	3.429	1	4.219	0	0.000	10	32.152
<i>Subtotal Recurring</i>		3.088		1.639		3.429		4.219		0.000		32.152
Secondary Distribution												
Air Force Active	0	3.088	0	1.639	0	3.429	0	4.219	-	-	-	-
<i>Total, SERVICE BULLETINS</i>	0	3.088	0	1.639	0	3.429	0	4.219	0	0.000	0	32.152
<i>Total, All Modifications</i>		3.088		1.639		3.429		4.219		0.000		32.152
<i>Procurement Cost (Procurement + Support)</i>		3.088		1.639		3.429		4.219		0.000		32.152
<i>Total Installation 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 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 57 - KC-10 Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): SERVICE BULLETINS - 1
Models of Systems Affected: KC-10	Type Modification: Service Life Extension	Related RDT&E PEs: 0401219F

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (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 Cost (Procurement + Support + Installation)		3.088		1.639		3.429		4.219		0.000		32.152

Remarks:

Manufacturer Information: SERVICE BULLETINS	
Manufacturer Name: Northrup Grumman	Manufacturer Location: Lake Charles, LA
Administrative Leadtime (<i>in Months</i>): 3	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: SERVICE BULLETINS	Method of Implementation: Org/Intermediate	Installation Quantity: 0
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UNCLASSIFIED

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

Appropriation / Budget Activity / Budget Sub Activity:
3010F : Aircraft Procurement, Air Force / BA 5 : Modification of Inservice Aircraft / BSA 5 : Other Aircraft

P-1 Line Item Nomenclature:
58 - C-12 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)	1.398	7.603	1.777	1.876	-	1.876	1.876	2.004	2.053	2.086	8.502	29.175
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	1.398	7.603	1.777	1.876	-	1.876	1.876	2.004	2.053	2.086	8.502	29.175
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	1.398	7.603	1.777	1.876	-	1.876	1.876	2.004	2.053	2.086	8.502	29.175

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

Description:

This line item funds low-cost modifications and service bulletins for 28 C-12 C,D,F,& J aircraft, commercial equivalent to the Beech Craft Super King Air. The C-12 is a twin-turboprop, support-airlift aircraft used to transport cargo and passengers. The aircraft service life is 30,000 hours with 22,000 hours remaining on the D (6), 19,000 remaining on the C (16), 17,000 on the J (4) and 10,000 on the F (2). Service bulletins and low cost modifications are necessary for continuing FAA certification while improving flight safety, reliability, and maintainability.

Item Schedule		ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
C-12 (See enclosed P-40A)	P40A				1.398			7.603			1.777			1.876			0.000			1.876
Total Gross/Weapon System Cost				1.398			7.603			1.777			1.876			-			1.876	

*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:

With the exception of modifications listed in the P-40A, justification for individual modifications is provided in the P-3A exhibits.

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force															Date: February 2012				
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5					P-1 Line Item Nomenclature: 58 - C-12 Mods					Aggregated Item Name: C-12									
Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
(Uncategorized)																			
1 - DEFENSIVE SYSTEMS		-	0	0.000	-	0	5.948	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	5.948		0	0.000		0	0.000		0	0.000		0	0.000
2 - SERVICE BULLETINS		-	0	0.728	-	0	1.505	-	0	1.627	-	0	1.376	-	0	0.000	-	0	1.376
<i>Secondary Distribution</i>																			
Air Force Active			0	0.728		0	1.505		0	1.627		0	1.376		0	0.000		0	1.376
3 - LOW COST MODIFICATIONS		-	0	0.670	-	0	0.150	-	0	0.150	-	0	0.500	-	0	0.000	-	0	0.500
<i>Secondary Distribution</i>																			
Air Force Active			0	0.670		0	0.150		0	0.150		0	0.500		0	0.000		0	0.500
<i>Uncategorized Subtotal</i>				1.398			7.603			1.777			1.876			0.000			1.876
Total				1.398			7.603			1.777			1.876			0.000			1.876

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force															Date: February 2012				
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5					P-1 Line Item Nomenclature: 58 - C-12 Mods					Aggregated Item Name: C-12									
Items († indicates the presence of a P-5A)	ID CD	FY 2014			FY 2015			FY 2016			FY 2017			To Complete			Total		
		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
(Uncategorized)																			
1 - DEFENSIVE SYSTEMS		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	5.948
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.000						
2 - SERVICE BULLETINS		-	0	1.376	-	0	1.479	-	0	1.514	-	0	1.650	-	0	6.902	-	0	18.157
<i>Secondary Distribution</i>																			
Air Force Active			0	1.376		0	1.479		0	1.514		0	1.650						
3 - LOW COST MODIFICATIONS		-	0	0.500	-	0	0.525	-	0	0.539	-	0	0.436	-	0	1.600	-	0	5.070
<i>Secondary Distribution</i>																			
Air Force Active			0	0.500		0	0.525		0	0.539		0	0.436						
Uncategorized Subtotal				1.876			2.004			2.053			2.086			0.000			29.175
Total				1.876			2.004			2.053			2.086			8.502			29.175

Remarks:

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

Appropriation / Budget Activity / Budget Sub Activity:
3010F : Aircraft Procurement, Air Force / BA 5 : Modification of Inservice Aircraft / BSA 5 : Other Aircraft

P-1 Line Item Nomenclature:
59 - MC-12W 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)	-	15.922	34.067	17.054	-	17.054	31.897	23.517	12.705	12.911	-	148.073
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	15.922	34.067	17.054	-	17.054	31.897	23.517	12.705	12.911	-	148.073
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	-	15.922	34.067	17.054	-	17.054	31.897	23.517	12.705	12.911	-	148.073

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

Description:

FY12 funding totals include \$17.3M requested for Overseas Contingency Operations (OCO) to address user requested modifications (Form 1067s) for a safety of flight initiative to upgrade the cockpits of the fielded MC-12W aircraft with a flight data recorder ("black box") capability.

FY13 funds will be used to continue addressing user requested modifications and service bulletins for fielded MC-12W aircraft.

Selection and prioritization of modifications will be as a result of the Air Combat Command's Requirements Working Group recommendations and available funding.

Item Schedule		ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
C-12 ISR Modifications - 9144	P3A		-	-	-	-	-	15.922	-	-	34.067	-	-	17.054	-	-	-	-	-	17.054
Total Gross/Weapon System Cost							15.922			34.067			17.054			-				17.054
		ID CD	FY 2014			FY 2015			FY 2016			FY 2017			To Complete			Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
C-12 ISR Modifications - 9144	P3A		-	-	31.897	-	-	23.517	-	-	12.705	-	-	12.911	-	-	-	-	-	148.073

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

Appropriation / Budget Activity / Budget Sub Activity: 3010F : Aircraft Procurement, Air Force / BA 5 : Modification of Inservice Aircraft / BSA 5 : Other Aircraft	P-1 Line Item Nomenclature: 59 - MC-12W Mods
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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 (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Total Gross/Weapon System Cost					31.897			23.517			12.705			12.911			-			148.073

*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:
 With the exception of modifications listed in the P-40A, justification for individual modifications is provided in the P-3A exhibits.

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 59 - MC-12W Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): C-12 ISR Modifications - 9144

Models of Systems Affected: MC-12W	Type Modification: Other	Related RDT&E PEs: 0305230F
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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)	-	15.922	34.067	17.054	-	17.054	31.897	23.517	12.705	12.911	-	148.073
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	15.922	34.067	17.054	-	17.054	31.897	23.517	12.705	12.911	-	148.073
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	-	15.922	34.067	17.054	-	17.054	31.897	23.517	12.705	12.911	-	148.073

(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 Millions)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

Liberty Project Aircraft (LPA), military designation MC-12W, is the Air Force's multi-role, medium altitude, manned aircraft system performing an intelligence, surveillance, and reconnaissance (ISR) mission coupled with a target acquisition (TA) capability. LPA was initiated through the SECDEF-directed ISR Task Force to address the ever-increasing Combatant Commander's requirements to satisfy ISR capabilities shortfalls in on-going Overseas Contingency Operations (OCO). Program management is the responsibility of the 645th Aeronautical Systems Group (AESG, BIG SAFARI System Program Office) and L-3Communications (L-3Com) is on contract as the prime integrator for the MC-12W system.

L-3Com's initial contract modified seven Hawker Beechcraft Corporation (HBC) King Air 350 aircraft to the MC-12W Phase 1 configuration (LPA #1 through #7). Capability included: full motion video (FMV) line-of-sight (LOS) data link for Remote Video Terminals (RVTs, a.k.a. Remote Operations Video Enhanced Receiver {ROVER} and One System Remote Video Terminal {OSRVT} receivers); limited signals intelligence (SIGINT) collection capability; and narrowband INMARSAT data link for beyond line-of-sight (BLOS) connectivity.

A subsequent L-3Com contract modified 30 HBC King Air 350 extended range (ER) aircraft to the MC-12W Phase 2 configuration (LPA #8 through #37) to include: enhanced FMV with laser designator capability; a more robust SIGINT capability; and a Ku-band spread spectrum (KuSS) data link with increased bandwidth for BLOS connectivity. Five (5) additional HBC King Air 350ER aircraft were procured and modified with FY 2010 OCO Surge funding. The five (5) FY10 OCO aircraft (LPA #38 through #42) are being modified to the Phase 3 configuration. Completion of the Phase 3 configuration modification (see paragraph below) and delivery of these five MC-12W aircraft will complete by the end of January FY12. The MC-12W total aircraft inventory will be 42 aircraft with the delivery of the FY10 OCO Surge funded aircraft.

In addition, L-3Com has been awarded the Phase 3 configuration modification contract to integrate 33 of the 37 MC-12W Phase 2 configured aircraft with a high definition (HD) enhanced Electro-Optical/Infrared (EO/IR) sensor ball with Hi-Beam capability, VORTEX communications equipment, digital intercom control system and a TACAN capability. The remaining four (4) MC-12W aircraft will remain in the Phase 1 configuration and are on indefinite loan to USSOCOM to augment their C-12 JavaMan program.

FY12 funding includes \$17.3M for an aircrew safety of flight initiative to upgrade the MC-12W's cockpit with a flight data recorder (FDR). The FDR provides the "blackbox" capability to the MC-12W aircraft. Additionally, \$16.7M is appropriated for upgrades to include, but not limited to, airframe components, SIGINT sensors systems, data links, EO/IR sensors, and the mission management system as prioritized provided by Air Combat Command (user) to respond to mission requirements changes in a rapidly evolving operational environment.

FY13 funds will be used to continue system updates to include, but not limited to, airframe components, SIGINT sensors systems, data links, EO/IR sensors, and the mission management system as prioritized provided by Air Combat Command (user) to respond to mission requirements changes in a rapidly evolving operational environment.

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 59 - MC-12W Mods	Modification Nomenclature <i>(Modification Title, Modification Number):</i> C-12 ISR Modifications - 9144
Models of Systems Affected: MC-12W	Type Modification: Other	Related RDT&E PEs: 0305230F
<p>The breakout of the MC-12W fleet of 42 aircraft as of 1 January FY12 is:</p> <ul style="list-style-type: none"> - Four (4) King Air 350 aircraft remain in the MC-12W Phase 1 configuration and are on loan indefinitely to USSOCOM starting in December FY12 - Three (3) King Air 350 aircraft are being retrofitted from their MC-12W Phase 1 configuration to the MC-12W Phase 3 configuration; two of the three aircraft are estimated to complete in March FY12 and the third aircraft is projected to complete in February FY13 - Thirty (30) King Air 350ER aircraft modified to the MC-12W Phase 2 configuration will begin Phase 3 configuration modification in FY12; initiative is estimated to run through FY16 predicated upon operational needs and availability of re-deployed aircraft - Five (5) King Air 350ER aircraft are currently in modification to the MC-12W Phase 3 configuration; estimated completion date for these five aircraft is by the end of January FY12 <p>A portion of the MC-12W total aircraft inventory will be transferred from the Active Duty force structure to the National Guard Bureau beginning in FY14. Final composition of the MC-12W transferred resources and number of Air National Guard units involved in the transfer has not been determined or approved.</p>		

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Exhibit P-3A, Individual Modification: PB 2013 Air Force								Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5				P-1 Line Item Nomenclature: 59 - MC-12W Mods				Modification Nomenclature (<i>Modification Title, Modification Number</i>): C-12 ISR Modifications - 9144			

Models of Systems Affected: MC-12W				Type Modification: Other				Related RDT&E PEs: 0305230F			
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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)
RDT&E PE #												
0305230F	0	0.000	0	0.000	0	0.000	0	19.949	0	0.000	0	19.949
Procurement												
C-12 ISR Modifications												
B Kits												
Recurring												
EQUIPMENT Group B (Active)	0	0.000	1	14.622	1	32.767	1	15.754	0	0.000	1	15.754
<i>Subtotal Recurring</i>		0.000		14.622		32.767		15.754		0.000		15.754
Secondary Distribution												
Air Force Active	0	0.000	1	15.922	1	34.067	1	17.054	0	0.000	1	17.054
<i>Total, C-12 ISR Modifications</i>	0	0.000	1	14.622	1	32.767	1	15.754	0	0.000	1	15.754
<i>Total, All Modifications</i>		0.000		14.622		32.767		15.754		0.000		15.754
Support												
PMA	0	0.000	0	1.300	0	1.300	0	1.300	0	0.000	0	1.300
<i>Total Support Cost</i>		0.000		1.300		1.300		1.300		0.000		1.300
<i>Procurement Cost (Procurement + Support)</i>		0.000		15.922		34.067		17.054		0.000		17.054
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		0.000		15.922		34.067		17.054		0.000		17.054

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
RDT&E PE #												
0305230F	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	19.949
Procurement												
C-12 ISR Modifications												
B Kits												
Recurring												
EQUIPMENT Group B (Active)	1	30.597	1	22.217	1	11.405	1	11.611	0	0.000	7	138.973
<i>Subtotal Recurring</i>		30.597		22.217		11.405		11.611		0.000		138.973

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 59 - MC-12W Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): C-12 ISR Modifications - 9144

Models of Systems Affected: MC-12W	Type Modification: Other	Related RDT&E PEs: 0305230F
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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)
Secondary Distribution												
Air Force Active	1	31.897	1	23.517	1	12.705	1	12.911	-	-	-	-
<i>Total, C-12 ISR Modifications</i>	1	30.597	1	22.217	1	11.405	1	11.611	0	0.000	7	138.973
<i>Total, All Modifications</i>		30.597		22.217		11.405		11.611		0.000		138.973
Support												
PMA	0	1.300	0	1.300	0	1.300	0	1.300	0	0.000	0	9.100
<i>Total Support Cost</i>		1.300		1.300		1.300		1.300		0.000		9.100
<i>Procurement Cost (Procurement + Support)</i>		31.897		23.517		12.705		12.911		0.000		148.073
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		31.897		23.517		12.705		12.911		0.000		148.073

Remarks:

Manufacturer Information: C-12 ISR Modifications

Manufacturer Name: Unknown					Manufacturer Location: Unknown		
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 2010	Dec 2011	Dec 2012	Dec 2014	Dec 2015	Dec 2016	Dec 2017
Delivery Dates	Aug 2011	Aug 2012	Aug 2013	Aug 2015	Aug 2016	Aug 2017	Aug 2018

Installation: C-12 ISR Modifications **Method of Implementation:** Contractor Facility **Installation Name:**

Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ 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	0.000	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	1	0.000	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	1	0.000	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	1	0.000	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	1	0.000	-	-	1	0.000
Secondary Distribution - Air Force Active	-	-	-	-	-	-	1	0.000	-	-	1	0.000

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 59 - MC-12W Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): C-12 ISR Modifications - 9144
Models of Systems Affected: MC-12W	Type Modification: Other	Related RDT&E PEs: 0305230F

Installation: C-12 ISR Modifications	Method of Implementation: Contractor Facility	Installation Name:
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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	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	0	0.000	0	0.000	0	0.000	-	-	0	0.000
Secondary Distribution - Air Force Active	-	-	0	0.000	0	0.000	0	0.000	-	-	0	0.000
Total	-	-	1	0.000	1	0.000	1	0.000	-	-	1	0.000
Secondary Distribution - Air Force Active	-	-	1	0.000	1	0.000	1	0.000	-	-	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	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	0	0.000	1	0.000
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	0	0.000	1	0.000
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	0	0.000	1	0.000
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	1	0.000	-	-	-	-	-	-	0	0.000	1	0.000
Secondary Distribution - Air Force Active	1	0.000	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	1	0.000	-	-	-	-	0	0.000	1	0.000
Secondary Distribution - Air Force Active	-	-	1	0.000	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	1	0.000	-	-	0	0.000	1	0.000
Secondary Distribution - Air Force Active	-	-	-	-	1	0.000	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	1	0.000	0	0.000	1	0.000

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 59 - MC-12W Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): C-12 ISR Modifications - 9144

Models of Systems Affected: MC-12W	Type Modification: Other	Related RDT&E PEs: 0305230F
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Installation: C-12 ISR Modifications	Method of Implementation: Contractor Facility	Installation Name:
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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)
Secondary Distribution - Air Force Active	-	-	-	-	-	-	1	0.000	-	-	-	-
To Complete	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
Secondary Distribution - Air Force Active	0	0.000	0	0.000	0	0.000	0	0.000	-	-	-	-
Total	1	0.000	1	0.000	1	0.000	1	0.000	0	0.000	7	0.000
Secondary Distribution - Air Force Active	1	0.000	1	0.000	1	0.000	1	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	0	0	1	0	0	0	1	0	0	0	1	0	0	0	1	0	0	0	1	0	0	0	1	0	0	0	1	0	0	0	1	0	0	0	0	7	
Out	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	1	0	0	0	1	0	0	0	1	0	2	7

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

Appropriation / Budget Activity / Budget Sub Activity:
3010F : Aircraft Procurement, Air Force / BA 5 : Modification of Inservice Aircraft / BSA 5 : Other Aircraft

P-1 Line Item Nomenclature:
60 - C-20 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)	38.147	0.732	0.241	0.243	-	0.243	0.192	0.202	0.206	0.210	-	40.173
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	38.147	0.732	0.241	0.243	-	0.243	0.192	0.202	0.206	0.210	-	40.173
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	38.147	0.732	0.241	0.243	-	0.243	0.192	0.202	0.206	0.210	-	40.173

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

Description:

This line item funds low-cost modifications and service bulletins for 7 C-20 aircraft, commercial equivalent Gulfstream III/IV. The C-20 aircraft is a twin-engine, turbofan aircraft used to airlift DoD officials and high-ranking government personnel over long distances. The aircraft has a service life of 20,000 hours with 6,000 hours remaining. Service bulletins and low cost modifications are necessary for continuing FAA certification while improving flight safety, reliability, and maintainability.

Item Schedule		ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
C-20 (See enclosed P-40A)	P40A				38.147			0.732			0.241			0.243			0.000			0.243
Total Gross/Weapon System Cost					38.147			0.732			0.241			0.243			-			0.243

*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:

With the exception of modifications listed in the P-40A, justification for individual modifications is provided in the P-3A exhibits.

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5 **P-1 Line Item Nomenclature:** 60 - C-20 Mods **Aggregated Item Name:** C-20

Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
(Uncategorized)																			
1 - COMM MOD		-	0	36.671	-	0	0.194	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000
<i>Secondary Distribution</i>																			
Air Force Active			0	36.671		0	0.194		0	0.000		0	0.000		0	0.000		0	0.000
2 - SERVICE BULLETINS		-	0	0.636	-	0	0.092	-	0	0.094	-	0	0.102	-	0	0.000	-	0	0.102
<i>Secondary Distribution</i>																			
Air Force Active			0	0.636		0	0.092		0	0.094		0	0.102		0	0.000		0	0.102
3 - LOW COST MODIFICATIONS		-	0	0.840	-	0	0.446	-	0	0.147	-	0	0.141	-	0	0.000	-	0	0.141
<i>Secondary Distribution</i>																			
Air Force Active			0	0.840		0	0.446		0	0.147		0	0.141		0	0.000		0	0.141
<i>Uncategorized Subtotal</i>				38.147			0.732			0.241			0.243			0.000			0.243
Total				38.147			0.732			0.241			0.243			0.000			0.243

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5 **P-1 Line Item Nomenclature:** 60 - C-20 Mods **Aggregated Item Name:** C-20

Items († indicates the presence of a P-5A)	ID CD	FY 2014			FY 2015			FY 2016			FY 2017			To Complete			Total		
		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
(Uncategorized)																			
1 - COMM MOD		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	36.865
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.000						
2 - SERVICE BULLETINS		-	0	0.108	-	0	0.116	-	0	0.101	-	0	0.103	-	0	0.000	-	0	1.352
<i>Secondary Distribution</i>																			
Air Force Active			0	0.108		0	0.116		0	0.101		0	0.103						
3 - LOW COST MODIFICATIONS		-	0	0.084	-	0	0.086	-	0	0.105	-	0	0.107	-	0	0.000	-	0	1.956
<i>Secondary Distribution</i>																			
Air Force Active			0	0.084		0	0.086		0	0.105		0	0.107						
<i>Uncategorized Subtotal</i>				0.192			0.202			0.206			0.210			0.000			40.173
Total				0.192			0.202			0.206			0.210			0.000			40.173

Remarks:

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

Appropriation / Budget Activity / Budget Sub Activity:
3010F : Aircraft Procurement, Air Force / BA 5 : Modification of Inservice Aircraft / BSA 5 : Other Aircraft

P-1 Line Item Nomenclature:
61 - VC-25 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)	139.417	13.102	0.387	11.185	-	11.185	11.684	0.455	7.774	11.147	-	195.151
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	139.417	13.102	0.387	11.185	-	11.185	11.684	0.455	7.774	11.147	-	195.151
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	139.417	13.102	0.387	11.185	-	11.185	11.684	0.455	7.774	11.147	-	195.151

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

Description:

This line item funds the Avionics Modernization Program (AMP), low-cost modifications, and service bulletins to the VC-25 aircraft. The VC-25, a Boeing 747-200B, is a four engine long-range aircraft used for Presidential support (more commonly known as Air Force One). VC-25A quantity: 2. VC-25A Service Life: 30 years. VC-25A Service Life Remaining: 5 years. The AMP upgrade provides increased pilot awareness, alleviates task saturation, and enhances safety in a high technology 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 (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
VC-25 Mods (See enclosed P-40A)	P40A				139.417			13.102			0.387			0.685			0.000			0.685
C-25 Avionics Modernization Program - 9711	P3A		-	-	-	-	-	-	-	-	-	-	10.500	-	-	-	-	-	-	10.500
Total Gross/Weapon System Cost					139.417			13.102			0.387			11.185			-			11.185

		ID CD	FY 2014			FY 2015			FY 2016			FY 2017			To Complete			Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
VC-25 Mods (See enclosed P-40A)	P40A				0.484			0.455			1.374			0.947			0.000			156.851
C-25 Avionics Modernization Program - 9711	P3A		-	-	11.200	-	-	-	-	-	6.400	-	-	10.200	-	-	-	-	-	38.300

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

Appropriation / Budget Activity / Budget Sub Activity: 3010F : Aircraft Procurement, Air Force / BA 5 : Modification of Inservice Aircraft / BSA 5 : Other Aircraft	P-1 Line Item Nomenclature: 61 - VC-25 Mods
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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 (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Total Gross/Weapon System Cost					11.684			0.455			7.774			11.147			-			195.151

*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:
 With the exception of modifications listed in the P-40A, justification for individual modifications is provided in the P-3A exhibits.

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force														Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5							P-1 Line Item Nomenclature: 61 - VC-25 Mods							Aggregated Item Name: VC-25 Mods					
Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
(Uncategorized)																			
1 - Airborne Information Management System (AIMS)		-	0	133.936	-	0	12.600	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000
<i>Secondary Distribution</i>																			
Air Force Active			0	133.936		0	12.600		0	0.000		0	0.000		0	0.000		0	0.000
2 - SERVICE BULLETINS		-	0	4.234	-	0	0.393	-	0	0.287	-	0	0.585	-	0	0.000	-	0	0.585
<i>Secondary Distribution</i>																			
Air Force Active			0	4.234		0	0.393		0	0.287		0	0.585		0	0.000		0	0.585
3 - LOW COST MODIFICATIONS		-	0	1.247	-	0	0.109	-	0	0.100	-	0	0.100	-	0	0.000	-	0	0.100
<i>Secondary Distribution</i>																			
Air Force Active			0	1.247		0	0.109		0	0.100		0	0.100		0	0.000		0	0.100
<i>Uncategorized Subtotal</i>				139.417			13.102			0.387			0.685			0.000			0.685
Total				139.417			13.102			0.387			0.685			0.000			0.685

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5 **P-1 Line Item Nomenclature:** 61 - VC-25 Mods **Aggregated Item Name:** VC-25 Mods

Items († indicates the presence of a P-5A)	ID CD	FY 2014			FY 2015			FY 2016			FY 2017			To Complete			Total		
		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
(Uncategorized)																			
1 - Airborne Information Management System (AIMS)		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	146.536
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.000						
2 - SERVICE BULLETINS		-	0	0.384	-	0	0.355	-	0	1.147	-	0	0.847	-	0	0.000	-	0	8.232
<i>Secondary Distribution</i>																			
Air Force Active			0	0.384		0	0.355		0	1.147		0	0.847						
3 - LOW COST MODIFICATIONS		-	0	0.100	-	0	0.100	-	0	0.227	-	0	0.100	-	0	0.000	-	0	2.083
<i>Secondary Distribution</i>																			
Air Force Active			0	0.100		0	0.100		0	0.227		0	0.100						
<i>Uncategorized Subtotal</i>				0.484			0.455			1.374			0.947			0.000			156.851
Total				0.484			0.455			1.374			0.947			0.000			156.851

Remarks:

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 61 - VC-25 Mods	Modification Nomenclature <i>(Modification Title, Modification Number):</i> C-25 Avionics Modernization Program - 9711

Models of Systems Affected: VC-25A	Type Modification: Capability Improvement	Related RDT&E PEs: 0401314F
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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)	-	-	-	10.500	-	10.500	11.200	-	6.400	10.200	-	38.300
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	-	-	10.500	-	10.500	11.200	-	6.400	10.200	-	38.300
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	-	-	-	10.500	-	10.500	11.200	-	6.400	10.200	-	38.300

(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 Millions)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The VC-25A Avionics Modernization Program (AMP) is to enable the President of the United States to perform his duties as Commander in Chief. The VC-25A aircraft must maintain one hundred percent reliability and safe, unrestricted global access both in civilian and military airfields. The AMP upgrades use a systems approach to aid pilot awareness and alleviate task saturation enhancing safety in a high technology environment. It will incorporate multiple subsystems to increase the utility and safety of the VC-25A. Installations are aligned with the aircraft heavy maintenance schedule. Procurement funding beginning in FY13 will be used to purchase and install kits. This is a FY13 New Start.

Must specify a milestones delivery date in PY, CY, or BY1.

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Exhibit P-3A, Individual Modification: PB 2013 Air Force								Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5				P-1 Line Item Nomenclature: 61 - VC-25 Mods				Modification Nomenclature (Modification Title, Modification Number): C-25 Avionics Modernization Program - 9711					
Models of Systems Affected: VC-25A			Type Modification: Capability Improvement					Related RDT&E PEs: 0401314F					
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
RDT&E PE #													
0401314F	0	0.000	0	0.000	0	39.500	0	0.000	0	0.000	0	0.000	
Procurement													
C-25 Avionics Modernization Program													
A Kits													
Recurring													
INSTALL KITS Group A (Active)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		0.000	
NonRecurring													
KITS NONRECUR Group A (Active)	0	0.000	0	0.000	0	0.000	1	4.600	0	0.000	1	4.600	
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		4.600		0.000		4.600	
B Kits													
Recurring													
EQUIPMENT Group B (Active)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		0.000	
NonRecurring													
EQUIP NONREC Group B (Active)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		0.000	
Secondary Distribution													
Air Force Active	0	0.000	0	0.000	0	0.000	1	10.500	0	0.000	1	10.500	
<i>Total, C-25 Avionics Modernization Program</i>	0	0.000	0	0.000	0	0.000	1	4.600	0	0.000	1	4.600	
<i>Total, All Modifications</i>		0.000		0.000		0.000		4.600		0.000		4.600	
Support													
DATA	0	0.000	0	0.000	0	0.000	0	5.400	0	0.000	0	5.400	
SIM/TRAINER	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	
PMA - Contractor Services	0	0.000	0	0.000	0	0.000	0	0.250	0	0.000	0	0.250	
PMA - Gov't Costs	0	0.000	0	0.000	0	0.000	0	0.250	0	0.000	0	0.250	
<i>Total Support Cost</i>		0.000		0.000		0.000		5.900		0.000		5.900	

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 61 - VC-25 Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): C-25 Avionics Modernization Program - 9711

Models of Systems Affected: VC-25A	Type Modification: Capability Improvement	Related RDT&E PEs: 0401314F
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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		10.500		0.000		10.500
<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		10.500		0.000		10.500

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)
RDT&E PE #												
0401314F	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	39.500
Procurement												
C-25 Avionics Modernization Program												
A Kits												
Recurring												
INSTALL KITS Group A (Active)	1	5.350	0	0.000	0	0.000	1	5.350	0	0.000	2	10.700
<i>Subtotal Recurring</i>		<i>5.350</i>		<i>0.000</i>		<i>0.000</i>		<i>5.350</i>		<i>0.000</i>		<i>10.700</i>
NonRecurring												
KITS NONREC Group A (Active)	0	0.000	0	0.000	1	6.400	0	0.000	0	0.000	2	11.000
<i>Subtotal NonRecurring</i>		<i>0.000</i>		<i>0.000</i>		<i>6.400</i>		<i>0.000</i>		<i>0.000</i>		<i>11.000</i>
B Kits												
Recurring												
EQUIPMENT Group B (Active)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
<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>0.000</i>
NonRecurring												
EQUIP NONREC Group B (Active)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
<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>0.000</i>
Secondary Distribution												
Air Force Active	0	5.850	0	0.000	1	6.400	0	5.850	-	-	-	-
<i>Total, C-25 Avionics Modernization Program</i>	<i>0</i>	<i>5.350</i>	<i>0</i>	<i>0.000</i>	<i>1</i>	<i>6.400</i>	<i>0</i>	<i>5.350</i>	<i>0</i>	<i>0.000</i>	<i>2</i>	<i>21.700</i>
<i>Total, All Modifications</i>		<i>5.350</i>		<i>0.000</i>		<i>6.400</i>		<i>5.350</i>		<i>0.000</i>		<i>21.700</i>

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 61 - VC-25 Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): C-25 Avionics Modernization Program - 9711

Models of Systems Affected: VC-25A	Type Modification: Capability Improvement	Related RDT&E PEs: 0401314F
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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												
DATA	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	5.400
SIM/TRAINER	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
PMA - Contractor Services	0	0.250	0	0.000	0	0.000	0	0.250	0	0.000	0	0.750
PMA - Gov't Costs	0	0.250	0	0.000	0	0.000	0	0.250	0	0.000	0	0.750
Total Support Cost		0.500		0.000		0.000		0.500		0.000		6.900
Procurement Cost (Procurement + Support)		5.850		0.000		6.400		5.850		0.000		28.600
Total Installation Cost		5.350		0.000		0.000		4.350		0.000		9.700
Total Cost (Procurement + Support + Installation)		11.200		0.000		6.400		10.200		0.000		38.300

Remarks:

Manufacturer Information: C-25 Avionics Modernization Program

Manufacturer Name: Boeing	Manufacturer Location: Midwest City, Oklahoma
Administrative Leadtime (in Months): 3	Production Leadtime (in Months): 15

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

Installation: C-25 Avionics Modernization Program **Method of Implementation:** Contractor Facility **Installation Name:**

Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ 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	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 61 - VC-25 Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): C-25 Avionics Modernization Program - 9711

Models of Systems Affected: VC-25A	Type Modification: Capability Improvement	Related RDT&E PEs: 0401314F
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Installation: C-25 Avionics Modernization Program	Method of Implementation: Contractor Facility	Installation Name:
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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	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ 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	5.350	-	-	-	-	1	4.350	0	0.000	2	9.700
Secondary Distribution - Air Force Active	1	5.350	-	-	-	-	1	4.350	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	0	0.000	-	-	-	-	0	0.000	0	0.000	0	0.000
Secondary Distribution - Air Force Active	0	0.000	-	-	-	-	0	0.000	-	-	-	-
Total	1	5.350	-	-	-	-	1	4.350	0	0.000	2	9.700
Secondary Distribution - Air Force Active	1	5.350	-	-	-	-	1	4.350	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 61 - VC-25 Mods	Modification Nomenclature <i>(Modification Title, Modification Number):</i> C-25 Avionics Modernization Program - 9711

Models of Systems Affected: VC-25A	Type Modification: Capability Improvement	Related RDT&E PEs: 0401314F
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Installation: C-25 Avionics Modernization Program	Method of Implementation: Contractor Facility	Installation Name:
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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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	2
Out	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	2

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

Appropriation / Budget Activity / Budget Sub Activity:
3010F : Aircraft Procurement, Air Force / BA 5 : Modification of Inservice Aircraft / BSA 5 : Other Aircraft

P-1 Line Item Nomenclature:
62 - C-40 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)	2.581	0.163	0.206	0.243	-	0.243	0.247	0.256	0.260	0.264	-	4.220
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	2.581	0.163	0.206	0.243	-	0.243	0.247	0.256	0.260	0.264	-	4.220
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	2.581	0.163	0.206	0.243	-	0.243	0.247	0.256	0.260	0.264	-	4.220

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

Description:

The C-40 is a commercial-derivative Boeing 737 business jet that is FAA certified. The C-40 provides safe, comfortable and reliable transportation for U.S. leaders to locations around the world. The primary customers are Combatant Commanders and members of the Cabinet and Congress. The aircraft also performs other operational support missions. This line funds service bulletins and low cost modifications for 11 C-40s. The aircraft have a service life of 30 years with 23 years remaining. Service bulletins are necessary for continuing FAA certification while improving flight safety, reliability, and maintainability.

Item Schedule		ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
C-40 (See enclosed P-40A)	P40A				2.581			0.163			0.206			0.243			0.000			0.243
Total Gross/Weapon System Cost					2.581			0.163			0.206			0.243			-			0.243

*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:

With the exception of modifications listed in the P-40A, justification for individual modifications is provided in the P-3A exhibits.

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5 **P-1 Line Item Nomenclature:** 62 - C-40 Mods **Aggregated Item Name:** C-40

Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
(Uncategorized)																			
1 - SERVICE BULLETINS		-	0	0.376	-	0	0.063	-	0	0.101	-	0	0.128	-	0	0.000	-	0	0.128
<i>Secondary Distribution</i>																			
Air Force Active			0	0.376		0	0.063		0	0.101		0	0.128		0	0.000		0	0.128
2 - LOW COST MODIFICATIONS		-	0	2.205	-	0	0.100	-	0	0.105	-	0	0.115	-	0	0.000	-	0	0.115
<i>Secondary Distribution</i>																			
Air Force Active			0	2.205		0	0.100		0	0.105		0	0.115		0	0.000		0	0.115
<i>Uncategorized Subtotal</i>				2.581			0.163			0.206			0.243			0.000			0.243
Total				2.581			0.163			0.206			0.243			0.000			0.243

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5 **P-1 Line Item Nomenclature:** 62 - C-40 Mods **Aggregated Item Name:** C-40

Items († indicates the presence of a P-5A)	ID CD	FY 2014			FY 2015			FY 2016			FY 2017			To Complete			Total		
		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
(Uncategorized)																			
1 - SERVICE BULLETINS		-	0	0.132	-	0	0.137	-	0	0.140	-	0	0.140	-	0	0.000	-	0	1.217
<i>Secondary Distribution</i>																			
Air Force Active			0	0.132		0	0.137		0	0.140		0	0.140						
2 - LOW COST MODIFICATIONS		-	0	0.115	-	0	0.119	-	0	0.120	-	0	0.124	-	0	0.000	-	0	3.003
<i>Secondary Distribution</i>																			
Air Force Active			0	0.115		0	0.119		0	0.120		0	0.124						
<i>Uncategorized Subtotal</i>				0.247			0.256			0.260			0.264			0.000			4.220
Total				0.247			0.256			0.260			0.264			0.000			4.220

Remarks:

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

Appropriation / Budget Activity / Budget Sub Activity:
3010F : Aircraft Procurement, Air Force / BA 5 : Modification of Inservice Aircraft / BSA 5 : Other Aircraft

P-1 Line Item Nomenclature:
63 - C-130 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)	1,595.257	436.413	220.317	67.853	11.400	79.253	44.377	51.142	124.063	152.770	831.450	3,535.042
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	1,595.257	436.413	220.317	67.853	11.400	79.253	44.377	51.142	124.063	152.770	831.450	3,535.042
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	1,595.257	436.413	220.317	67.853	11.400	79.253	44.377	51.142	124.063	152.770	831.450	3,535.042

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

Description:

FY11 funding totals include \$166.72M appropriated for Overseas Contingency Operations.

FY12 funding totals include \$175.521M appropriated for Overseas Contingency Operations.

Note: C-130 AMP FYDP funding has been deleted as a result of program termination. Due to system requirements, the subsequent budget exhibits contain information reflecting procurements in FY11. However, the Air Force does not intend to procure these kits.

This line item funds modifications to the C-130 and Special Mission C-130 aircraft. The four engine C-130 provides theater airlift and carries either 92 troops, 64 paratroopers, 74 litter patients, or 6 standard 463-L pallets.

The primary modifications budgeted in FY13 are the Systems/Structure mod (Center Wing Replacement) and the IFF/SIF Mode 5 upgrade.

Beginning in FY12, FY12 and out procurement funding for C-130 Avionics Modernization Program (AMP) has moved to a separate budget line. Prior year funds are shown here.

The specific modifications budgeted and programmed are listed below.

Item Schedule		Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total			
Item Nomenclature*	Exhibits	ID CD	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
C-130 (See enclosed P-40A)	P40A				1,071.669			383.627			185.902			3.309			0.000			3.309

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

Appropriation / Budget Activity / Budget Sub Activity:
3010F : Aircraft Procurement, Air Force / BA 5 : Modification of Inservice Aircraft / BSA 5 : Other Aircraft

P-1 Line Item Nomenclature:
63 - C-130 Mods

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 (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
C-130 SYSTEMS/ STRUCTURE (PHASE II MODERNIZATION) - 8578	P3A		-	-	523.588	-	-	52.786	-	-	15.423	-	-	52.804	-	-	-	-	-	52.804
HC-130P/N Personal Locator System - 8630	P3A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.400	-	-	5.400
HC-130 Integrated Electronic Warfare (EW) Suite - 8631	P3A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.000	-	-	6.000
MOD V IFF - 9139	P3A		-	-	-	-	-	-	-	-	18.992	-	-	11.740	-	-	-	-	-	11.740
Total Gross/Weapon System Cost					1,595.257			436.413			220.317			67.853			11.400			79.253

Item Nomenclature*	Exhibits	ID CD	FY 2014			FY 2015			FY 2016			FY 2017			To Complete			Total		
			Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
C-130 (See enclosed P-40A)	P40A				9.796			35.739			110.044			138.554			306.120			2,244.760
C-130 SYSTEMS/ STRUCTURE (PHASE II MODERNIZATION) - 8578	P3A		-	-	32.104	-	-	13.773	-	-	14.019	-	-	14.216	-	-	525.330	-	-	1,244.043
HC-130P/N Personal Locator System - 8630	P3A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.400
HC-130 Integrated Electronic Warfare (EW) Suite - 8631	P3A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.000
MOD V IFF - 9139	P3A		-	-	2.477	-	-	1.630	-	-	-	-	-	-	-	-	-	-	-	34.839
Total Gross/Weapon System Cost					44.377			51.142			124.063			152.770			831.450			3,535.042

*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:
With the exception of modifications listed in the P-40A, justification for individual modifications is provided in the P-3A exhibits.

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force															Date: February 2012				
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5					P-1 Line Item Nomenclature: 63 - C-130 Mods					Aggregated Item Name: C-130									
Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
(Uncategorized)																			
1 - ALR-69 (RWR)		-	26	56.345	-	0	6.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000
<i>Secondary Distribution</i>																			
Air Force Active			26	56.345		0	6.000		0	0.000		0	0.000		0	0.000		0	0.000
2 - INSTALLATION OF AN/APN-241		-	114	126.368	-	0	0.968	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000
<i>Secondary Distribution</i>																			
Air Force Active			43	73.487		0	0.968		0	0.000		0	0.000		0	0.000		0	0.000
Air National Guard			59	44.487		0	0.000		0	0.000		0	0.000		0	0.000		0	0.000
Air Force Reserve			12	8.394		0	0.000		0	0.000		0	0.000		0	0.000		0	0.000
3 - C-130 AVIONICS MODERNIZATION PROGRAM (AMP)		-	6	152.801	-	4	97.152	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000
<i>Secondary Distribution</i>																			
Air Force Active			0	94.965		0	57.852		0	0.000		0	0.000		0	0.000		0	0.000
Air National Guard			6	57.836		4	39.300		0	0.000		0	0.000		0	0.000		0	0.000
4 - Mode S & 8.33 MHz Upgrades		-	88	28.000	-	38	34.685	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000
<i>Secondary Distribution</i>																			
Air Force Active			79	26.010		28	32.645		0	0.000		0	0.000		0	0.000		0	0.000
Air National Guard			9	1.990		10	2.040		0	0.000		0	0.000		0	0.000		0	0.000
5 - LARGE AIRCRAFT INFRARED COUNTERMEASURES (LAIRCM)		-	237	655.463	-	28	133.727	-	26	154.841	-	0	0.000	-	0	0.000	-	0	0.000
<i>Secondary Distribution</i>																			
Air Force Active			52	343.511		0	31.328		26	101.240		0	0.000		0	0.000		0	0.000
Air National Guard			101	188.313		28	102.399		0	38.788		0	0.000		0	0.000		0	0.000
Air Force Reserve			84	123.639		0	0.000		0	14.813		0	0.000		0	0.000		0	0.000
6 - AC-130 OUTER WING REPLACEMENT		-	7	1.985	-	0	2.130	-	0	1.895	-	0	0.090	-	0	0.000	-	0	0.090
<i>Secondary Distribution</i>																			
Air Force Active			7	1.985		0	2.130		0	1.895		0	0.090		0	0.000		0	0.090

UNCLASSIFIED

Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5 **P-1 Line Item Nomenclature:** 63 - C-130 Mods **Aggregated Item Name:** C-130

Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
7 - HC-130 8.33 RADIOS		-	16	12.642	-	5	12.078	-	4	3.419	-	2	1.878	-	0	0.000	-	2	1.878
<i>Secondary Distribution</i>																			
Air Force Active			10	8.329		0	8.638		0	0.839		0	0.158		0	0.000		0	0.158
Air National Guard			3	2.296		4	2.752		3	1.545		2	1.720		0	0.000		2	1.720
Air Force Reserve			3	2.017		1	0.688		1	1.035		0	0.000		0	0.000		0	0.000
8 - C-130 DUAL RAILS		-	6	3.468	-	0	1.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000
<i>Secondary Distribution</i>																			
Air Force Active			0	1.361		0	1.000		0	0.000		0	0.000		0	0.000		0	0.000
Air National Guard			6	2.107		0	0.000		0	0.000		0	0.000		0	0.000		0	0.000
9 - C-130 CRASHWORTHY LOADMASTER SEAT		-	7	1.200	-	221	18.550	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000
<i>Secondary Distribution</i>																			
Air Force Active			7	1.200		39	7.156		0	0.000		0	0.000		0	0.000		0	0.000
Air National Guard			0	0.000		111	6.949		0	0.000		0	0.000		0	0.000		0	0.000
Air Force Reserve			0	0.000		71	4.445		0	0.000		0	0.000		0	0.000		0	0.000
10 - Blue Force Tracker		-	0	0.000	-	0	0.400	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.400		0	0.000		0	0.000		0	0.000		0	0.000
11 - Armor Plate		-	0	0.000	-	145	23.500	-	64	9.200	-	0	0.000	-	0	0.000	-	0	0.000
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		42	7.992		0	0.240		0	0.000		0	0.000		0	0.000
Air National Guard			0	0.000		101	14.240		22	3.080		0	0.000		0	0.000		0	0.000
Air Force Reserve			0	0.000		2	1.268		42	5.880		0	0.000		0	0.000		0	0.000
12 - ENGINE OIL COOLER		-	0	0.000	-	33	21.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		28	18.854		0	0.000		0	0.000		0	0.000		0	0.000
Air National Guard			0	0.000		0	0.000		0	0.000		0	0.000		0	0.000		0	0.000
Air Force Reserve			0	0.000		5	2.146		0	0.000		0	0.000		0	0.000		0	0.000

UNCLASSIFIED

Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5 **P-1 Line Item Nomenclature:** 63 - C-130 Mods **Aggregated Item Name:** C-130

Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
13 - Square Window Troop Door		-	0	0.000	-	138	15.420	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		28	5.080		0	0.000		0	0.000		0	0.000		0	0.000
Air National Guard			0	0.000		56	5.264		0	0.000		0	0.000		0	0.000		0	0.000
Air Force Reserve			0	0.000		54	5.076		0	0.000		0	0.000		0	0.000		0	0.000
14 - C-130 Aux Hyd Pump		-	0	0.000	-	281	17.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		76	7.980		0	0.000		0	0.000		0	0.000		0	0.000
Air National Guard			0	0.000		122	5.368		0	0.000		0	0.000		0	0.000		0	0.000
Air Force Reserve			0	0.000		83	3.652		0	0.000		0	0.000		0	0.000		0	0.000
15 - AFR C-130 Fuselage Trainer Modification		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.000		0	0.000		0	0.000
16 - Optimize Legacy C-130 CNS/ATM		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.000		0	0.000		0	0.000
Air National Guard			0	0.000		0	0.000		0	0.000		0	0.000		0	0.000		0	0.000
Air Force Reserve			0	0.000		0	0.000		0	0.000		0	0.000		0	0.000		0	0.000
17 - HC-130 Crashworthy Seats		-	0	0.000	-	0	0.000	-	16	6.000	-	0	0.000	-	0	0.000	-	0	0.000
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		3	4.258		0	0.000		0	0.000		0	0.000
Air National Guard			0	0.000		0	0.000		13	1.742		0	0.000		0	0.000		0	0.000
18 - HC-130 T-1 Mods		-	0	0.000	-	0	0.000	-	0	2.500	-	0	0.000	-	0	0.000	-	0	0.000
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	2.500		0	0.000		0	0.000		0	0.000

UNCLASSIFIED

Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5 **P-1 Line Item Nomenclature:** 63 - C-130 Mods **Aggregated Item Name:** C-130

Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
19 - LOW COST SAFETY MODIFICATIONS		-	0	2.832	-	0	0.000	-	0	0.001	-	0	0.001	-	0	0.000	-	0	0.001
<i>Secondary Distribution</i>																			
Air Force Active			0	2.832		0	0.000		0	0.001		0	0.001		0	0.000		0	0.001
20 - HC-130 Low Cost Mods		-	0	0.000	-	0	0.000	-	0	1.900	-	0	0.000	-	0	0.000	-	0	0.000
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	1.900		0	0.000		0	0.000		0	0.000
21 - MISC SIMULATOR UPDATES		-	0	0.703	-	0	0.000	-	0	0.001	-	0	0.001	-	0	0.000	-	0	0.001
<i>Secondary Distribution</i>																			
Air Force Active			0	0.703		0	0.000		0	0.001		0	0.001		0	0.000		0	0.001
22 - SERVICE BULLETINS		-	0	0.416	-	0	0.000	-	0	0.001	-	0	0.001	-	0	0.000	-	0	0.001
<i>Secondary Distribution</i>																			
Air Force Active			0	0.416		0	0.000		0	0.001		0	0.001		0	0.000		0	0.001
23 - LOW COST MODIFICATIONS		-	0	15.566	-	0	0.017	-	0	1.893	-	0	1.338	-	0	0.000	-	0	1.338
<i>Secondary Distribution</i>																			
Air Force Active			0	15.566		0	0.017		0	1.893		0	1.338		0	0.000		0	1.338
24 - ELT UPGRADE		-	379	13.880	-	0	0.000	-	0	4.251	-	0	0.000	-	0	0.000	-	0	0.000
<i>Secondary Distribution</i>																			
Air Force Active			135	11.435		0	0.000		0	2.104		0	0.000		0	0.000		0	0.000
Air National Guard			155	1.553		0	0.000		0	1.364		0	0.000		0	0.000		0	0.000
Air Force Reserve			89	0.892		0	0.000		0	0.783		0	0.000		0	0.000		0	0.000
<i>Uncategorized Subtotal</i>				1,071.669			383.627			185.902			3.309			0.000			3.309
Total				1,071.669			383.627			185.902			3.309			0.000			3.309

UNCLASSIFIED

Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force															Date: February 2012				
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5					P-1 Line Item Nomenclature: 63 - C-130 Mods					Aggregated Item Name: C-130									
Items († indicates the presence of a P-5A)	ID CD	FY 2014			FY 2015			FY 2016			FY 2017			To Complete			Total		
		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
(Uncategorized)																			
1 - ALR-69 (RWR)		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	26	62.345
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.000						
2 - INSTALLATION OF AN/APN-241		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	114	127.336
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.000						
Air National Guard			0	0.000		0	0.000		0	0.000		0	0.000						
Air Force Reserve			0	0.000		0	0.000		0	0.000		0	0.000						
3 - C-130 AVIONICS MODERNIZATION PROGRAM (AMP)		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	10	249.953
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.000						
Air National Guard			0	0.000		0	0.000		0	0.000		0	0.000						
4 - Mode S & 8.33 MHz Upgrades		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	126	62.685
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.000						
Air National Guard			0	0.000		0	0.000		0	0.000		0	0.000						
5 - LARGE AIRCRAFT INFRARED COUNTERMEASURES (LAIRCM)		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	291	944.031
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.000						
Air National Guard			0	0.000		0	0.000		0	0.000		0	0.000						
Air Force Reserve			0	0.000		0	0.000		0	0.000		0	0.000						
6 - AC-130 OUTER WING REPLACEMENT		-	0	1.165	-	0	1.201	-	0	0.000	-	0	0.000	-	0	0.000	-	7	8.466
<i>Secondary Distribution</i>																			
Air Force Active			0	1.165		0	1.201		0	0.000		0	0.000						

UNCLASSIFIED

Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force															Date: February 2012				
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5					P-1 Line Item Nomenclature: 63 - C-130 Mods										Aggregated Item Name: C-130				
Items († indicates the presence of a P-5A)	ID CD	FY 2014			FY 2015			FY 2016			FY 2017			To Complete			Total		
		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
7 - HC-130 8.33 RADIOS		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	27	30.017
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.000						
Air National Guard			0	0.000		0	0.000		0	0.000		0	0.000						
Air Force Reserve			0	0.000		0	0.000		0	0.000		0	0.000						
8 - C-130 DUAL RAILS		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	6	4.468
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.000						
Air National Guard			0	0.000		0	0.000		0	0.000		0	0.000						
9 - C-130 CRASHWORTHY LOADMASTER SEAT		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	228	19.750
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.000						
Air National Guard			0	0.000		0	0.000		0	0.000		0	0.000						
Air Force Reserve			0	0.000		0	0.000		0	0.000		0	0.000						
10 - Blue Force Tracker		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.400
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.000						
11 - Armor Plate		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	209	32.700
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.000						
Air National Guard			0	0.000		0	0.000		0	0.000		0	0.000						
Air Force Reserve			0	0.000		0	0.000		0	0.000		0	0.000						
12 - ENGINE OIL COOLER		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	33	21.000
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.000						
Air National Guard			0	0.000		0	0.000		0	0.000		0	0.000						
Air Force Reserve			0	0.000		0	0.000		0	0.000		0	0.000						

UNCLASSIFIED

Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5 **P-1 Line Item Nomenclature:** 63 - C-130 Mods **Aggregated Item Name:** C-130

Items († indicates the presence of a P-5A)	ID CD	FY 2014			FY 2015			FY 2016			FY 2017			To Complete			Total		
		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
13 - Square Window Troop Door		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	138	15.420
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.000						
Air National Guard			0	0.000		0	0.000		0	0.000		0	0.000						
Air Force Reserve			0	0.000		0	0.000		0	0.000		0	0.000						
14 - C-130 Aux Hyd Pump		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	281	17.000
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.000						
Air National Guard			0	0.000		0	0.000		0	0.000		0	0.000						
Air Force Reserve			0	0.000		0	0.000		0	0.000		0	0.000						
15 - AFR C-130 Fuselage Trainer Modification		-	0	7.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	7.000
<i>Secondary Distribution</i>																			
Air Force Active			0	7.000		0	0.000		0	0.000		0	0.000						
16 - Optimize Legacy C-130 CNS/ATM		-	0	0.000	-	10	29.498	-	40	103.254	-	40	131.642	-	82	306.120	-	172	570.514
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		10	29.498		9	44.624		8	56.652						
Air National Guard			0	0.000		0	0.000		16	38.380		20	43.310						
Air Force Reserve			0	0.000		0	0.000		15	20.250		12	31.680						
17 - HC-130 Crashworthy Seats		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	16	6.000
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.000						
Air National Guard			0	0.000		0	0.000		0	0.000		0	0.000						
18 - HC-130 T-1 Mods		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	2.500
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.000						

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5 **P-1 Line Item Nomenclature:** 63 - C-130 Mods **Aggregated Item Name:** C-130

Items († indicates the presence of a P-5A)	ID CD	FY 2014			FY 2015			FY 2016			FY 2017			To Complete			Total		
		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
19 - LOW COST SAFETY MODIFICATIONS		-	0	0.001	-	0	0.640	-	0	1.104	-	0	1.656	-	0	0.000	-	0	6.235
<i>Secondary Distribution</i>																			
Air Force Active			0	0.001		0	0.640		0	1.104		0	1.656						
20 - HC-130 Low Cost Mods		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	1.900
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.000						
21 - MISC SIMULATOR UPDATES		-	0	0.001	-	0	0.600	-	0	1.787	-	0	1.657	-	0	0.000	-	0	4.750
<i>Secondary Distribution</i>																			
Air Force Active			0	0.001		0	0.600		0	1.787		0	1.657						
22 - SERVICE BULLETINS		-	0	0.001	-	0	1.801	-	0	1.900	-	0	1.600	-	0	0.000	-	0	5.720
<i>Secondary Distribution</i>																			
Air Force Active			0	0.001		0	1.801		0	1.900		0	1.600						
23 - LOW COST MODIFICATIONS		-	0	1.628	-	0	1.999	-	0	1.999	-	0	1.999	-	0	0.000	-	0	26.439
<i>Secondary Distribution</i>																			
Air Force Active			0	1.628		0	1.999		0	1.999		0	1.999						
24 - ELT UPGRADE		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	379	18.131
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.000						
Air National Guard			0	0.000		0	0.000		0	0.000		0	0.000						
Air Force Reserve			0	0.000		0	0.000		0	0.000		0	0.000						
<i>Uncategorized Subtotal</i>				9.796			35.739			110.044			138.554			0.000			2,244.760
Total				9.796			35.739			110.044			138.554			306.120			2,244.760

Remarks:

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 63 - C-130 Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): C-130 SYSTEMS/STRUCTURE (PHASE II MODERNIZATION) - 8578

Models of Systems Affected: C-130H, MC-130H, HC-130P/N, EC-130H, AC-130U,	Type Modification: Service Life Extension	Related RDT&E PEs: 0401115F
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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)	523.588	52.786	15.423	52.804	-	52.804	32.104	13.773	14.019	14.216	525.330	1,244.043
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	523.588	52.786	15.423	52.804	-	52.804	32.104	13.773	14.019	14.216	525.330	1,244.043
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	523.588	52.786	15.423	52.804	-	52.804	32.104	13.773	14.019	14.216	525.330	1,244.043

(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 Millions)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

Replaces the Center Wing Box (CWB) on MC-130H, HC-130N/P, C-130H, EC-130H, and AC-130U aircraft whose center wings' service life expires between 2005-2025. Kit costs vary by Mission Design Series (MDS) as reflected in the kit costs FY05-FY20. Installations are done at Warner Robins Air Logistics Center (WR/ALC), except for the EC-130Hs which are done at L3Com's facility.

FY13 funds procures 3 CWB kits, installs 13 kits, and provide some non-recurring engineering (NRE). NRE funds in FY13 and FY14 are to allow a full and open competition to be executed in FY14 based on a government owned technical data package. Funds will be used for manufacturing tooling, structural testing, first article testing, tech data update, trial installs, and any other associated NRE.

Method of Implementation is Combination. All installs, to include EC-130H are listed on the schedule tab. EC-130H installs are accomplished at a contractor's facility. The following is the schedule and costs for EC-130H aircraft from FY11 forward:

- FY11: (1 ea, \$2.600)
- FY12: (2 ea, \$5.200)
- FY13: (1 ea, \$2.726)
- FY14: (2 ea, \$5.546)
- FY15: (1 ea, \$2.896)
- FY21: (1 ea, \$3.120)
- FY25: (1 ea, \$3.338)

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 63 - C-130 Mods	Modification Nomenclature <i>(Modification Title, Modification Number):</i> C-130 SYSTEMS/STRUCTURE (PHASE II MODERNIZATION) - 8578

Models of Systems Affected: C-130H, MC-130H, HC-130P/N, EC-130H, AC-130U,	Type Modification: Service Life Extension	Related RDT&E PEs: 0401115F
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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												
C-130 SYSTEMS/STRUCTURE (PHASE II MODERNIZATION)												
A Kits												
Recurring												
INSTALL KITS Group A (Active)	84	312.323	3	13.300	0	0.000	2	8.804	0	0.000	2	8.804
INSTALL KITS Group A (Guard)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
INSTALL KITS Group A (Reserve)	1	3.489	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
<i>Subtotal Recurring</i>		315.812		13.300		0.000		8.804		0.000		8.804
NonRecurring												
KITS NONRECUR Group A (Active)	7	67.213	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
KITS NONRECUR Group A (Guard)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
KITS NONRECUR Group A (Reserve)	0	0.000	0	0.000	0	0.000	0	9.359	0	0.000	0	9.359
<i>Subtotal NonRecurring</i>		67.213		0.000		0.000		9.359		0.000		9.359
Secondary Distribution												
Air Force Active	91	390.228	3	24.098	0	0.884	2	9.606	0	0.000	2	9.606
Air National Guard	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
Air Force Reserve	1	3.489	0	0.000	0	0.000	0	9.359	0	0.000	0	9.359
<i>Total, C-130 SYSTEMS/STRUCTURE (PHASE II MODERNIZATION)</i>	92	383.025	3	13.300	0	0.000	2	18.163	0	0.000	2	18.163
<i>Total, All Modifications</i>		383.025		13.300		0.000		18.163		0.000		18.163
Support												
CHANGE ORDERS	0	1.189	0	10.000	0	0.000	0	0.000	0	0.000	0	0.000
SUPPORT- EQUIP	0	3.054	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
OTHER GOVT	0	1.135	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
A&AS	0	2.026	0	0.229	0	0.250	0	0.262	0	0.000	0	0.262
PMA - Contractor Services	0	0.000	0	0.544	0	0.604	0	0.510	0	0.000	0	0.510
PMA - Gov't Costs	0	3.288	0	0.025	0	0.030	0	0.030	0	0.000	0	0.030
<i>Total Support Cost</i>		10.692		10.798		0.884		0.802		0.000		0.802

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 63 - C-130 Mods	Modification Nomenclature <i>(Modification Title, Modification Number):</i> C-130 SYSTEMS/STRUCTURE (PHASE II MODERNIZATION) - 8578

Models of Systems Affected: C-130H, MC-130H, HC-130P/N, EC-130H, AC-130U,	Type Modification: Service Life Extension	Related RDT&E PEs: 0401115F
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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>		393.717		24.098		0.884		18.965		0.000		18.965
<i>Total Installation Cost</i>		129.871		28.688		14.539		33.839		0.000		33.839
Total Cost (Procurement + Support + Installation)		523.588		52.786		15.423		52.804		0.000		52.804

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	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-130 SYSTEMS/STRUCTURE (PHASE II MODERNIZATION)												
A Kits												
Recurring												
INSTALL KITS Group A (Active)	0	0.000	0	0.000	0	0.000	2	2.128	7	36.654	98	373.209
INSTALL KITS Group A (Guard)	0	0.000	0	0.000	1	0.984	4	4.179	42	221.199	47	226.362
INSTALL KITS Group A (Reserve)	1	4.720	0	0.000	4	3.934	4	4.256	9	47.644	19	64.043
<i>Subtotal Recurring</i>		4.720		0.000		4.918		10.563		305.497		663.614
NonRecurring												
KITS NONRECUR Group A (Active)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	7	67.213
KITS NONRECUR Group A (Guard)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
KITS NONRECUR Group A (Reserve)	1	15.904	0	0.000	0	0.000	0	0.000	0	0.000	1	25.263
<i>Subtotal NonRecurring</i>		15.904		0.000		0.000		0.000		0.000		92.476
Secondary Distribution												
Air Force Active	0	1.188	0	2.970	0	0.681	2	3.027	-	-	-	-
Air National Guard	0	0.000	0	0.000	1	0.984	4	4.179	-	-	-	-
Air Force Reserve	2	20.624	0	0.000	4	3.934	4	4.256	-	-	-	-
<i>Total, C-130 SYSTEMS/STRUCTURE (PHASE II MODERNIZATION)</i>	2	20.624	0	0.000	5	4.918	10	10.563	58	305.497	172	756.090
<i>Total, All Modifications</i>		20.624		0.000		4.918		10.563		305.497		756.090
Support												
CHANGE ORDERS	0	0.000	0	2.225	0	0.000	0	0.000	0	0.000	0	13.414

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 63 - C-130 Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): C-130 SYSTEMS/STRUCTURE (PHASE II MODERNIZATION) - 8578

Models of Systems Affected: C-130H, MC-130H, HC-130P/N, EC-130H, AC-130U,	Type Modification: Service Life Extension	Related RDT&E PEs: 0401115F
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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- EQUIP	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	3.054
OTHER GOVT	0	0.500	0	0.000	0	0.000	0	0.000	0	0.000	0	1.635
A&AS	0	0.193	0	0.224	0	0.155	0	0.276	0	2.459	0	6.074
PMA - Contractor Services	0	0.465	0	0.491	0	0.496	0	0.593	0	5.282	0	8.985
PMA - Gov't Costs	0	0.030	0	0.030	0	0.030	0	0.030	0	0.240	0	3.733
<i>Total Support Cost</i>		<i>1.188</i>		<i>2.970</i>		<i>0.681</i>		<i>0.899</i>		<i>7.981</i>		<i>36.895</i>
<i>Procurement Cost (Procurement + Support)</i>		<i>21.812</i>		<i>2.970</i>		<i>5.599</i>		<i>11.462</i>		<i>313.478</i>		<i>792.985</i>
<i>Total Installation Cost</i>		<i>10.292</i>		<i>10.803</i>		<i>8.420</i>		<i>2.754</i>		<i>211.852</i>		<i>451.058</i>
Total Cost (Procurement + Support + Installation)		32.104		13.773		14.019		14.216		525.330		1,244.043

Remarks:

Manufacturer Information: C-130 SYSTEMS/STRUCTURE (PHASE II MODERNIZATION)							
Manufacturer Name: Unknown				Manufacturer Location: Unknown			
Administrative Leadtime (in Months): 3				Production Leadtime (in Months): 27			
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates			Dec 2012	Dec 2013		Dec 2015	Dec 2016
Delivery Dates			Mar 2015	Mar 2016		Mar 2018	Mar 2019

Installation: C-130 SYSTEMS/STRUCTURE (PHASE II MODERNIZATION)			Method of Implementation: Combination				Installation Name:					
Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	55	129.871	13	28.688	6	14.539	13	33.839	-	-	13	33.839
Secondary Distribution - Air Force Active	55	129.871	12	26.481	6	14.539	13	33.839	-	-	13	33.839
Secondary Distribution - Air Force Reserve	-	-	1	2.207	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 63 - C-130 Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): C-130 SYSTEMS/STRUCTURE (PHASE II MODERNIZATION) - 8578
Models of Systems Affected: C-130H, MC-130H, HC-130P/N, EC-130H, AC-130U,	Type Modification: Service Life Extension	Related RDT&E PEs: 0401115F

Installation: C-130 SYSTEMS/STRUCTURE (PHASE II MODERNIZATION)	Method of Implementation: Combination	Installation Name:
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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	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Reserve	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	0	0.000	0	0.000	0	0.000	0	0.000	-	-	0	0.000
Secondary Distribution - Air Force Active	0	0.000	0	0.000	0	0.000	0	0.000	-	-	0	0.000
Secondary Distribution - Air Force Reserve	-	-	0	0.000	-	-	-	-	-	-	-	-
Total	55	129.871	13	28.688	6	14.539	13	33.839	-	-	13	33.839
Secondary Distribution - Air Force Active	55	129.871	12	26.481	6	14.539	13	33.839	-	-	13	33.839
Secondary Distribution - Air Force Reserve	-	-	1	2.207	-	-	-	-	-	-	-	-

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ 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	10.292	1	2.701	-	-	-	-	0	0.000	92	219.930
Secondary Distribution - Air Force Active	4	10.292	1	2.701	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Reserve	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	3	8.102	-	-	-	-	0	0.000	3	8.102
Secondary Distribution - Air Force Active	-	-	3	8.102	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	1	2.709	1	2.754	0	0.000	2	5.463
Secondary Distribution - Air Force Active	-	-	-	-	1	2.709	1	2.754	-	-	-	-
FY 2014	-	-	-	-	2	5.711	-	-	0	0.000	2	5.711

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 63 - C-130 Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): C-130 SYSTEMS/STRUCTURE (PHASE II MODERNIZATION) - 8578
Models of Systems Affected: C-130H, MC-130H, HC-130P/N, EC-130H, AC-130U,	Type Modification: Service Life Extension	Related RDT&E PEs: 0401115F

Installation: C-130 SYSTEMS/STRUCTURE (PHASE II MODERNIZATION)	Method of Implementation: Combination	Installation Name:
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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)
Secondary Distribution - Air Force Reserve	-	-	-	-	2	5.711	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	5	13.711	5	13.711
FY 2017	-	-	-	-	-	-	-	-	10	27.700	10	27.700
To Complete	0	0.000	0	0.000	0	0.000	0	0.000	58	170.441	58	170.441
Secondary Distribution - Air Force Active	0	0.000	0	0.000	0	0.000	0	0.000	-	-	-	-
Secondary Distribution - Air Force Reserve	-	-	-	-	0	0.000	-	-	-	-	-	-
Total	4	10.292	4	10.803	3	8.420	1	2.754	73	211.852	172	451.058
Secondary Distribution - Air Force Active	4	10.292	4	10.803	1	2.709	1	2.754	-	-	-	-
Secondary Distribution - Air Force Reserve	-	-	-	-	2	5.711	-	-	-	-	-	-

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	55	3	4	3	3	2	2	1	1	3	3	3	4	1	1	1	1	1	1	1	1	0	1	1	1	0	1	0	0	73	172
Out	43	6	6	3	4	3	3	2	2	1	1	3	3	0	0	1	1	1	1	1	1	1	1	0	1	1	1	0	1	80	172

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 63 - C-130 Mods	Modification Nomenclature <i>(Modification Title, Modification Number):</i> HC-130P/N Personal Locator System - 8630

Models of Systems Affected: HC-130P/N	Type Modification: Capability Improvement	Related RDT&E PEs: 0401115F
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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)	-	-	-	-	5.400	5.400	-	-	-	-	-	5.400
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	-	-	-	5.400	5.400	-	-	-	-	-	5.400
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	-	-	-	-	5.400	5.400	-	-	-	-	-	5.400

(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 Millions)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

This is a FY13 OCO NEW START.

Equip 14 personnel recovery HC-130P/Ns with the Personnel Locator System Version 12. Presently, active duty personnel recovery HC-130P/N/Js are unable to locate/identify/interrogate emergency position radio beacons (EPIRBS) (vessels in distress), ejection seats, downed acft, or isolated personnel using the PRQ-7 Combat Survival Evader Locator (CSEL). CSEL is currently fielded throughout the theaters with contingency operations.

Currently, if an aircraft goes down in-theater or a crewmember ejects from an aircraft, the personnel recovery HC-130P/N will be unable to find them via the beacon and radio supplied to the aircraft and isolated personnel. The active duty HC-130P/N is unable to independently locate a 406MHz beacon or interrogate the CSEL radio. This severely limits the search and rescue capabilities of the only dedicated fixed wing personnel recovery aircraft. These active duty aircraft perform the majority of overseas contingency operations, and this current limitation cripples the USAF's current combat search and rescue (CSAR) and civil SAR posture and capabilities.

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 63 - C-130 Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): HC-130P/N Personal Locator System - 8630

Models of Systems Affected: HC-130P/N	Type Modification: Capability Improvement	Related RDT&E PEs: 0401115F
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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												
HC-130P/N Personal Locator System												
A Kits												
Recurring												
INSTALL KITS Group A (Active)	0	0.000	0	0.000	0	0.000	0	0.000	9	2.571	9	2.571
INSTALL KITS Group A (Guard)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
INSTALL KITS Group A (Reserve)	0	0.000	0	0.000	0	0.000	0	0.000	5	1.429	5	1.429
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		4.000		4.000
Secondary Distribution												
Air Force Active	0	0.000	0	0.000	0	0.000	0	0.000	9	2.571	9	2.571
Air National Guard	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
Air Force Reserve	0	0.000	0	0.000	0	0.000	0	0.000	5	1.429	5	1.429
<i>Total, HC-130P/N Personal Locator System</i>	0	0.000	0	0.000	0	0.000	0	0.000	14	4.000	14	4.000
<i>Total, All Modifications</i>		0.000		0.000		0.000		0.000		4.000		4.000
<i>Procurement Cost (Procurement + Support)</i>		0.000		0.000		0.000		0.000		4.000		4.000
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		1.400		1.400
Total Cost (Procurement + Support + Installation)		0.000		0.000		0.000		0.000		5.400		5.400

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												
HC-130P/N Personal Locator System												
A Kits												
Recurring												
INSTALL KITS Group A (Active)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	9	2.571
INSTALL KITS Group A (Guard)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
INSTALL KITS Group A (Reserve)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	5	1.429
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		4.000

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 63 - C-130 Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): HC-130P/N Personal Locator System - 8630

Models of Systems Affected: HC-130P/N	Type Modification: Capability Improvement	Related RDT&E PEs: 0401115F
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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)
Secondary Distribution												
Air Force Active	0	0.000	0	0.000	0	0.000	0	0.000	-	-	-	-
Air National Guard	0	0.000	0	0.000	0	0.000	0	0.000	-	-	-	-
Air Force Reserve	0	0.000	0	0.000	0	0.000	0	0.000	-	-	-	-
<i>Total, HC-130P/N Personal Locator System</i>	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	14	4.000
<i>Total, All Modifications</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		4.000
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		1.400
Total Cost (Procurement + Support + Installation)		0.000		0.000		0.000		0.000		0.000		5.400

Remarks:

Manufacturer Information: HC-130P/N Personal Locator System

Manufacturer Name: N/A	Manufacturer Location: N/A
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			Jan 2013				
Delivery Dates			Jul 2013				

Installation: HC-130P/N Personal Locator System **Method of Implementation:** Contract Field Team **Installation Name:**

Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ 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	-	-	-	-	-	-	-	-	3	1.400	3	1.400
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	2	0.900	2	0.900
Secondary Distribution - Air Force Reserve	-	-	-	-	-	-	-	-	1	0.500	1	0.500

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 63 - C-130 Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): HC-130P/N Personal Locator System - 8630

Models of Systems Affected: HC-130P/N	Type Modification: Capability Improvement	Related RDT&E PEs: 0401115F
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Installation: HC-130P/N Personal Locator System	Method of Implementation: Contract Field Team	Installation Name:
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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	-	-	-	-	-	-	-	-	0	0.000	0	0.000
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	0	0.000	0	0.000
Secondary Distribution - Air Force Reserve	-	-	-	-	-	-	-	-	0	0.000	0	0.000
Total	-	-	-	-	-	-	-	-	3	1.400	3	1.400
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	2	0.900	2	0.900
Secondary Distribution - Air Force Reserve	-	-	-	-	-	-	-	-	1	0.500	1	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	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	0	0.000	3	1.400
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Reserve	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	0	0.000	0	0.000
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Reserve	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	0	0.000	3	1.400
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5		P-1 Line Item Nomenclature: 63 - C-130 Mods
Modification Nomenclature (Modification Title, Modification Number): HC-130P/N Personal Locator System - 8630		

Models of Systems Affected: HC-130P/N	Type Modification: Capability Improvement	Related RDT&E PEs: 0401115F
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Installation: HC-130P/N Personal Locator System	Method of Implementation: Contract Field Team	Installation Name:
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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)
Secondary Distribution - Air Force Reserve	-	-	-	-	-	-	-	-	-	-	-	-

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	0	0	0	0	0	0	0	0	0	0	0	3	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	14
Out	0	0	0	0	0	0	0	0	0	0	0	0	0	3	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	14

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 63 - C-130 Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): HC-130 Integrated Electronic Warfare (EW) Suite - 8631

Models of Systems Affected: HC-130P/N	Type Modification: Capability Improvement	Related RDT&E PEs: 0207224F
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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)	-	-	-	-	6.000	6.000	-	-	-	-	-	6.000
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	-	-	-	6.000	6.000	-	-	-	-	-	6.000
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	-	-	-	-	6.000	6.000	-	-	-	-	-	6.000

(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 Millions)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

This is a FY13 OCO NEW START.

This modification integrates the HC-130 EW systems to automate the defensive systems and make it programmable. This would vastly shorten aircrews' response times to threats, increasing aircraft and aircrew survivability.

Current defensive systems are primarily manual and depend entirely on crewmember input. High Operational Tempo (OPSTEMPO) of this low supply/high demand asset is required to meet Combatnt Commanders' (COCOM) demand. Using the ALQ 213 bus the ALE-47 Chaff and Flare, LAIRCM, and ALR-69 RWR will all be integrated under the ALQ 213. Commercial-off-the-shelf systems presently used on F-16 and A-10 aircraft can be quickly, and relatively inexpensively, integrated on the HC-130 aircraft.

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 63 - C-130 Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): HC-130 Integrated Electronic Warfare (EW) Suite - 8631

Models of Systems Affected: HC-130P/N	Type Modification: Capability Improvement	Related RDT&E PEs: 0207224F
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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												
HC-130 Integrated Electronic Warfare (EW) Suite												
A Kits												
Recurring												
INSTALL KITS Group A (Reserve)	0	0.000	0	0.000	0	0.000	0	0.000	4	3.050	4	3.050
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		3.050		3.050
NonRecurring												
KITS NONRECUR Group A (Reserve)	0	0.000	0	0.000	0	0.000	0	0.000	1	1.850	1	1.850
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		1.850		1.850
Secondary Distribution												
Air Force Active	0	0.000	0	0.000	0	0.000	0	0.000	0	0.350	0	0.350
Air Force Reserve	0	0.000	0	0.000	0	0.000	0	0.000	5	4.900	5	4.900
<i>Total, HC-130 Integrated Electronic Warfare (EW) Suite</i>	0	0.000	0	0.000	0	0.000	0	0.000	5	4.900	5	4.900
<i>Total, All Modifications</i>		0.000		0.000		0.000		0.000		4.900		4.900
Support												
PMA - Contractor Services	0	0.000	0	0.000	0	0.000	0	0.000	0	0.250	0	0.250
PMA - Gov't Costs	0	0.000	0	0.000	0	0.000	0	0.000	0	0.100	0	0.100
<i>Total Support Cost</i>		0.000		0.000		0.000		0.000		0.350		0.350
<i>Procurement Cost (Procurement + Support)</i>		0.000		0.000		0.000		0.000		5.250		5.250
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.750		0.750
Total Cost (Procurement + Support + Installation)		0.000		0.000		0.000		0.000		6.000		6.000

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												
HC-130 Integrated Electronic Warfare (EW) Suite												
A Kits												
Recurring												

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 63 - C-130 Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): HC-130 Integrated Electronic Warfare (EW) Suite - 8631

Models of Systems Affected: HC-130P/N	Type Modification: Capability Improvement	Related RDT&E PEs: 0207224F
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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)
INSTALL KITS Group A (Reserve)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	4	3.050
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		3.050
NonRecurring												
KITS NONRECUR Group A (Reserve)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	1	1.850
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		1.850
Secondary Distribution												
Air Force Active	0	0.000	0	0.000	0	0.000	0	0.000	-	-	-	-
Air Force Reserve	0	0.000	0	0.000	0	0.000	0	0.000	-	-	-	-
<i>Total, HC-130 Integrated Electronic Warfare (EW) Suite</i>	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	5	4.900
<i>Total, All Modifications</i>		0.000		0.000		0.000		0.000		0.000		4.900
Support												
PMA - Contractor Services	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.250
PMA - Gov't Costs	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.100
<i>Total Support Cost</i>		0.000		0.000		0.000		0.000		0.000		0.350
<i>Procurement Cost (Procurement + Support)</i>		0.000		0.000		0.000		0.000		0.000		5.250
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.750
Total Cost (Procurement + Support + Installation)		0.000		0.000		0.000		0.000		0.000		6.000

Remarks:

Manufacturer Information: HC-130 Integrated Electronic Warfare (EW) Suite

Manufacturer Name: N/A Manufacturer Location: N/A

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			Nov 2013				
Delivery Dates			May 2014				

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 63 - C-130 Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): HC-130 Integrated Electronic Warfare (EW) Suite - 8631

Models of Systems Affected: HC-130P/N	Type Modification: Capability Improvement	Related RDT&E PEs: 0207224F
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Installation: HC-130 Integrated Electronic Warfare (EW) Suite	Method of Implementation: Contract Field Team	Installation Name:
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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	0.750	0	0.750
Secondary Distribution - Air Force Reserve	-	-	-	-	-	-	-	-	0	0.750	0	0.750
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	0	0.000	0	0.000
Secondary Distribution - Air Force Reserve	-	-	-	-	-	-	-	-	0	0.000	0	0.000
Total	-	-	-	-	-	-	-	-	0	0.750	0	0.750
Secondary Distribution - Air Force Reserve	-	-	-	-	-	-	-	-	0	0.750	0	0.750

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ 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	0	0.750
Secondary Distribution - Air Force Reserve	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	0	0.000	0	0.000
Secondary Distribution - Air Force Reserve	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 63 - C-130 Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): HC-130 Integrated Electronic Warfare (EW) Suite - 8631

Models of Systems Affected: HC-130P/N	Type Modification: Capability Improvement	Related RDT&E PEs: 0207224F
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Installation: HC-130 Integrated Electronic Warfare (EW) Suite	Method of Implementation: Contract Field Team	Installation Name:
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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	-	-	-	-	-	-	-	-	0	0.000	0	0.750
Secondary Distribution - Air Force Reserve	-	-	-	-	-	-	-	-	-	-	-	-

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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0
Out	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0

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Exhibit P-3A, Individual Modification: PB 2013 Air Force								Date: February 2012				
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5				P-1 Line Item Nomenclature: 63 - C-130 Mods				Modification Nomenclature (<i>Modification Title, Modification Number</i>): MOD V IFF - 9139				
Models of Systems Affected: C-130			Type Modification: Capability Improvement					Related RDT&E PEs: 0401115F				

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)	-	-	18.992	11.740	-	11.740	2.477	1.630	-	-	-	34.839
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	-	18.992	11.740	-	11.740	2.477	1.630	-	-	-	34.839
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	-	-	18.992	11.740	-	11.740	2.477	1.630	-	-	-	34.839

(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 Millions)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

Mode V is an upgrade to the Identify Friend or Foe (IFF) secure aircraft identification system. Mode V will replace Mode IV because the technology used to keep Mode IV transmissions secure is outdated and could be compromised by personnel or organizations that don't have a need to know or the proper security clearances, and aren't designated as allies of the United States.

This modification will require hardware, firmware, software and wiring development and/or replacement. Affected aircraft include C-130Hs, LC-130Hs, HC-130Ns, HC-130Ps, AC-130Hs, AC-130Us, MC-130Hs, MC-130Ps, and MC-130W aircraft.

FY13 funds procure 66 additional kits and funds 245 installs.

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Exhibit P-3A, Individual Modification: PB 2013 Air Force										Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5					P-1 Line Item Nomenclature: 63 - C-130 Mods					Modification Nomenclature (<i>Modification Title, Modification Number</i>): MOD V IFF - 9139			
Models of Systems Affected: C-130				Type Modification: Capability Improvement				Related RDT&E PEs: 0401115F					
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
MOD V IFF													
A Kits													
Recurring													
INSTALL KITS Group A (Active)	0	0.000	0	0.000	131	0.655	0	0.000	0	0.000	0	0.000	
INSTALL KITS Group A (Guard)	0	0.000	0	0.000	100	0.500	40	0.217	0	0.000	40	0.217	
INSTALL KITS Group A (Reserve)	0	0.000	0	0.000	51	0.255	26	0.183	0	0.000	26	0.183	
<i>Subtotal Recurring</i>		<i>0.000</i>		<i>0.000</i>		<i>1.410</i>		<i>0.400</i>		<i>0.000</i>		<i>0.400</i>	
NonRecurring													
KITS NONRECUR Group A (Active)	0	0.000	0	0.000	4	0.120	0	0.000	0	0.000	0	0.000	
KITS NONRECUR Group A (Guard)	0	0.000	0	0.000	2	0.060	0	0.000	0	0.000	0	0.000	
KITS NONRECUR Group A (Reserve)	0	0.000	0	0.000	2	0.060	0	0.000	0	0.000	0	0.000	
<i>Subtotal NonRecurring</i>		<i>0.000</i>		<i>0.000</i>		<i>0.240</i>		<i>0.000</i>		<i>0.000</i>		<i>0.000</i>	
B Kits													
Recurring													
EQUIPMENT Group B (Active)	0	0.000	0	0.000	131	3.146	0	0.000	0	0.000	0	0.000	
EQUIPMENT Group B (Guard)	0	0.000	0	0.000	100	8.519	40	4.788	0	0.000	40	4.788	
EQUIPMENT Group B (Reserve)	0	0.000	0	0.000	51	4.344	26	3.709	0	0.000	26	3.709	
<i>Subtotal Recurring</i>		<i>0.000</i>		<i>0.000</i>		<i>16.009</i>		<i>8.497</i>		<i>0.000</i>		<i>8.497</i>	
NonRecurring													
EQUIP NONREC Group B (Active)	0	0.000	0	0.000	4	0.203	0	0.000	0	0.000	0	0.000	
EQUIP NONREC Group B (Guard)	0	0.000	0	0.000	2	0.172	0	0.000	0	0.000	0	0.000	
EQUIP NONREC Group B (Reserve)	0	0.000	0	0.000	2	0.172	0	0.000	0	0.000	0	0.000	
<i>Subtotal NonRecurring</i>		<i>0.000</i>		<i>0.000</i>		<i>0.547</i>		<i>0.000</i>		<i>0.000</i>		<i>0.000</i>	
Secondary Distribution													
Air Force Active	0	0.000	0	0.000	135	4.910	0	0.344	0	0.000	0	0.344	
Air National Guard	0	0.000	0	0.000	102	9.251	40	5.005	0	0.000	40	5.005	
Air Force Reserve	0	0.000	0	0.000	53	4.831	26	3.892	0	0.000	26	3.892	
<i>Total, MOD V IFF</i>	<i>0</i>	<i>0.000</i>	<i>0</i>	<i>0.000</i>	<i>290</i>	<i>18.206</i>	<i>66</i>	<i>8.897</i>	<i>0</i>	<i>0.000</i>	<i>66</i>	<i>8.897</i>	

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Exhibit P-3A, Individual Modification: PB 2013 Air Force									Date: February 2012				
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5				P-1 Line Item Nomenclature: 63 - C-130 Mods					Modification Nomenclature (<i>Modification Title, Modification Number</i>): MOD V IFF - 9139				
Models of Systems Affected: C-130			Type Modification: Capability Improvement				Related RDT&E PEs: 0401115F						
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (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		18.206		8.897		0.000		8.897	
Support													
DATA	0	0.000	0	0.000	0	0.435	0	0.000	0	0.000	0	0.000	
PMA - Contractor Services	0	0.000	0	0.000	0	0.301	0	0.294	0	0.000	0	0.294	
PMA - Gov't Costs	0	0.000	0	0.000	0	0.050	0	0.050	0	0.000	0	0.050	
<i>Total Support Cost</i>		0.000		0.000		0.786		0.344		0.000		0.344	
<i>Procurement Cost (Procurement + Support)</i>		0.000		0.000		18.992		9.241		0.000		9.241	
<i>Total Installation Cost</i>		0.000		0.000		0.000		2.499		0.000		2.499	
Total Cost (Procurement + Support + Installation)		0.000		0.000		18.992		11.740		0.000		11.740	
Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
MOD V IFF													
A Kits													
Recurring													
INSTALL KITS Group A (Active)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	131	0.655	
INSTALL KITS Group A (Guard)	7	0.036	6	0.032	0	0.000	0	0.000	0	0.000	153	0.785	
INSTALL KITS Group A (Reserve)	10	0.052	0	0.000	0	0.000	0	0.000	0	0.000	87	0.490	
<i>Subtotal Recurring</i>		0.088		0.032		0.000		0.000		0.000		1.930	
NonRecurring													
KITS NONRECUR Group A (Active)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	4	0.120	
KITS NONRECUR Group A (Guard)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	2	0.060	
KITS NONRECUR Group A (Reserve)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	2	0.060	
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		0.240	
B Kits													
Recurring													
EQUIPMENT Group B (Active)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	131	3.146	
EQUIPMENT Group B (Guard)	7	0.651	6	0.540	0	0.000	0	0.000	0	0.000	153	14.498	

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 63 - C-130 Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): MOD V IFF - 9139

Models of Systems Affected: C-130	Type Modification: Capability Improvement	Related RDT&E PEs: 0401115F
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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)
EQUIPMENT Group B (Reserve)	10	0.930	0	0.000	0	0.000	0	0.000	0	0.000	87	8.983
<i>Subtotal Recurring</i>		1.581		0.540		0.000		0.000		0.000		26.627
NonRecurring												
EQUIP NONREC Group B (Active)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	4	0.203
EQUIP NONREC Group B (Guard)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	2	0.172
EQUIP NONREC Group B (Reserve)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	2	0.172
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		0.547
Secondary Distribution												
Air Force Active	0	0.163	0	0.314	0	0.000	0	0.000	-	-	-	-
Air National Guard	7	0.687	6	0.572	0	0.000	0	0.000	-	-	-	-
Air Force Reserve	10	0.982	0	0.000	0	0.000	0	0.000	-	-	-	-
<i>Total, MOD V IFF</i>	17	1.669	6	0.572	0	0.000	0	0.000	0	0.000	379	29.344
<i>Total, All Modifications</i>		1.669		0.572		0.000		0.000		0.000		29.344
Support												
DATA	0	0.038	0	0.064	0	0.000	0	0.000	0	0.000	0	0.537
PMA - Contractor Services	0	0.075	0	0.200	0	0.000	0	0.000	0	0.000	0	0.870
PMA - Gov't Costs	0	0.050	0	0.050	0	0.000	0	0.000	0	0.000	0	0.200
<i>Total Support Cost</i>		0.163		0.314		0.000		0.000		0.000		1.607
<i>Procurement Cost (Procurement + Support)</i>		1.832		0.886		0.000		0.000		0.000		30.951
<i>Total Installation Cost</i>		0.645		0.744		0.000		0.000		0.000		3.888
Total Cost (Procurement + Support + Installation)		2.477		1.630		0.000		0.000		0.000		34.839

Remarks:

Manufacturer Information: MOD V IFF	
Manufacturer Name: Unknown	Manufacturer Location: Unknown
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		Oct 2011	Oct 2012	Oct 2013	Oct 2014		
Delivery Dates		Apr 2012	Apr 2013	Apr 2014	Apr 2015		

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Exhibit P-3A, Individual Modification: PB 2013 Air Force										Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5					P-1 Line Item Nomenclature: 63 - C-130 Mods					Modification Nomenclature (<i>Modification Title, Modification Number</i>): MOD V IFF - 9139			
Models of Systems Affected: C-130					Type Modification: Capability Improvement					Related RDT&E PEs: 0401115F			
Installation: MOD V IFF					Method of Implementation: Contract Field Team					Installation Name:			
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	-	-	-	-	-	-	245	2.499	-	-	245	2.499	
Secondary Distribution - Air Force Active	-	-	-	-	-	-	110	1.122	-	-	110	1.122	
Secondary Distribution - Air National Guard	-	-	-	-	-	-	90	0.918	-	-	90	0.918	
Secondary Distribution - Air Force Reserve	-	-	-	-	-	-	45	0.459	-	-	45	0.459	
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-	
Secondary Distribution - Air National Guard	-	-	-	-	-	-	-	-	-	-	-	-	
Secondary Distribution - Air Force Reserve	-	-	-	-	-	-	-	-	-	-	-	-	
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-	
Secondary Distribution - Air National Guard	-	-	-	-	-	-	-	-	-	-	-	-	
Secondary Distribution - Air Force Reserve	-	-	-	-	-	-	-	-	-	-	-	-	
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-	
Secondary Distribution - Air National Guard	-	-	-	-	-	-	-	-	-	-	-	-	
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-	
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-	
To Complete	-	-	-	-	-	-	0	0.000	-	-	0	0.000	
Secondary Distribution - Air Force Active	-	-	-	-	-	-	0	0.000	-	-	0	0.000	
Secondary Distribution - Air National Guard	-	-	-	-	-	-	0	0.000	-	-	0	0.000	
Secondary Distribution - Air Force Reserve	-	-	-	-	-	-	0	0.000	-	-	0	0.000	
Total	-	-	-	-	-	-	245	2.499	-	-	245	2.499	
Secondary Distribution - Air Force Active	-	-	-	-	-	-	110	1.122	-	-	110	1.122	
Secondary Distribution - Air National Guard	-	-	-	-	-	-	90	0.918	-	-	90	0.918	
Secondary Distribution - Air Force Reserve	-	-	-	-	-	-	45	0.459	-	-	45	0.459	
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	-	-	-	-	-	-	-	-	-	-	-	-	

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 63 - C-130 Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): MOD V IFF - 9139
Models of Systems Affected: C-130	Type Modification: Capability Improvement	Related RDT&E PEs: 0401115F

Installation: MOD V IFF	Method of Implementation: Contract Field Team	Installation Name:
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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	45	0.468	-	-	-	-	-	-	0	0.000	290	2.967
Secondary Distribution - Air Force Active	25	0.260	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air National Guard	12	0.125	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Reserve	8	0.083	-	-	-	-	-	-	-	-	-	-
FY 2013	17	0.177	49	0.500	-	-	-	-	0	0.000	66	0.677
Secondary Distribution - Air National Guard	10	0.104	30	0.298	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Reserve	7	0.073	19	0.202	-	-	-	-	-	-	-	-
FY 2014	-	-	0	0.180	-	-	-	-	0	0.000	0	0.180
Secondary Distribution - Air National Guard	-	-	0	0.074	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Reserve	-	-	0	0.106	-	-	-	-	-	-	-	-
FY 2015	-	-	0	0.064	-	-	-	-	0	0.000	0	0.064
Secondary Distribution - Air National Guard	-	-	0	0.064	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	0	0.000	0	0.000	-	-	-	-	0	0.000	0	0.000
Secondary Distribution - Air Force Active	0	0.000	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air National Guard	0	0.000	0	0.000	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Reserve	0	0.000	0	0.000	-	-	-	-	-	-	-	-
Total	62	0.645	49	0.744	-	-	-	-	0	0.000	356	3.888
Secondary Distribution - Air Force Active	25	0.260	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air National Guard	22	0.229	30	0.436	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Reserve	15	0.156	19	0.308	-	-	-	-	-	-	-	-

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	0	0	0	0	0	0	0	0	0	61	61	62	61	15	16	15	16	12	13	12	12	6	6	6	5	0	0	0	0	0	0
Out	0	0	0	0	0	0	0	0	0	61	61	62	61	15	16	15	16	12	13	12	12	6	6	6	5	0	0	0	0	0	0

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

Appropriation / Budget Activity / Budget Sub Activity: 3010F : Aircraft Procurement, Air Force / BA 5 : Modification of Inservice Aircraft / BSA 5 : Other Aircraft	P-1 Line Item Nomenclature: 64 - C-130 INTEL Mods
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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)	-	14.841	8.193	0.000	-	0.000	0.000	0.000	0.000	0.000	-	23.034
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	14.841	8.193	0.000	-	0.000	0.000	0.000	0.000	0.000	-	23.034
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	-	14.841	8.193	0.000	-	0.000	0.000	0.000	0.000	0.000	-	23.034

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

Description:

DESCRIPTION:

FY11 funding totals include \$10.9M appropriated for Overseas Contingency Operations

FY12 funding totals include \$4.6M appropriated for Overseas Contingency Operations

This line item funds Military Intelligence Program modifications to the C-130 and Special Mission C-130 aircraft. Prior to FY 2011, funding for the ANG Senior Scout modification was budgeted in the C-130 mods P-1 line.

Program Justification

- Program baseline funding is baseline for special signal collection system kit procurements and installations, communication suite upgrades, system infrastructure upgrades, and national tactical integration efforts.

This document includes only FY11 and FY12 funds for SENIOR SCOUT. Funding in the FYDP has been deleted as a result of program termination. Due to system requirements, the subsequent budget exhibits contain information reflecting procurements in FY11 and FY12. However, the Air Force does not intend to procure these kits.

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

Appropriation / Budget Activity / Budget Sub Activity: 3010F : Aircraft Procurement, Air Force / BA 5 : Modification of Inservice Aircraft / BSA 5 : Other Aircraft	P-1 Line Item Nomenclature: 64 - C-130 INTEL Mods
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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 (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
C-130Intel (See enclosed P-40A)	P40A				0.000			14.841			8.193			0.000			0.000			0.000
Total Gross/Weapon System Cost					-			14.841			8.193			0.000			-			0.000

*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:
 With the exception of modifications listed in the P-40A, justification for individual modifications is provided in the P-3A exhibits.

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 64 - C-130 INTEL Mods	Aggregated Item Name: C-130Intel
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Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
<i>(Uncategorized)</i>																			
1 - ANG SENIOR SCOUT		-	0	0.000	-	2	14.841	-	2	8.193	-	0	0.000	-	0	0.000	-	0	0.000
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	2.300		0	2.388		0	0.000		0	0.000		0	0.000
Air National Guard			0	0.000		2	12.541		2	5.805		0	0.000		0	0.000		0	0.000
Air Force Reserve			0	0.000		0	0.000		0	0.000		0	0.000		0	0.000		0	0.000
<i>Uncategorized Subtotal</i>				0.000			14.841			8.193			0.000			0.000			0.000
Total				0.000			14.841			8.193			0.000			0.000			0.000

UNCLASSIFIED

Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5 **P-1 Line Item Nomenclature:** 64 - C-130 INTEL Mods **Aggregated Item Name:** C-130Intel

Items († indicates the presence of a P-5A)	ID CD	FY 2014			FY 2015			FY 2016			FY 2017			To Complete			Total		
		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
<i>(Uncategorized)</i>																			
1 - ANG SENIOR SCOUT		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	4	23.034
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.000						
Air National Guard			0	0.000		0	0.000		0	0.000		0	0.000						
Air Force Reserve			0	0.000		0	0.000		0	0.000		0	0.000						
<i>Uncategorized Subtotal</i>				0.000			0.000			0.000			0.000			0.000			23.034
Total				0.000			0.000			0.000			0.000			0.000			23.034

Remarks:

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

Appropriation / Budget Activity / Budget Sub Activity: 3010F : Aircraft Procurement, Air Force / BA 5 : Modification of Inservice Aircraft / BSA 5 : Other Aircraft	P-1 Line Item Nomenclature: 65 - C-130J MODS
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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)	34.606	86.860	66.157	70.555	-	70.555	70.375	68.389	69.877	65.005	691.637	1,223.461
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	34.606	86.860	66.157	70.555	-	70.555	70.375	68.389	69.877	65.005	691.637	1,223.461
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	34.606	86.860	66.157	70.555	-	70.555	70.375	68.389	69.877	65.005	691.637	1,223.461

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

Description:

FY12 funding totals include \$27.983M appropriated for Overseas Contingency Operations.

The C-130J is a medium-size transport aircraft capable of performing a variety of combat delivery (tactical airlift) operations across a broad range of mission environments. The C-130J aircraft, with its extended (by 15 ft) fuselage, provides additional cargo carrying capacity for the USAF combat delivery mission compared with legacy C-130E/Hs and the C-130J (short).

Other variants of the USAF C-130J fleet are all short-bodied aircraft and include the EC-130J (airborne psychological operations), WC-130J (weather reconnaissance), HC-130J (combat search and rescue), MC-130J (special operations), and the AC-130J (close air support and armed reconnaissance).

As of 1 Jan 2012 there are 103 USAF C-130J Variants: C-130J - 70, C-130J (short) - 10, WC-130J - 10, EC-130J - 7, HC-130J - 2, MC-130J - 4. The designed service life is 35 years and the average service life remaining is 29.3 years.

The primary modification budgeted in FY13 is the Block 7.0 Upgrade, which procures and installs Communication, Navigation and Surveillance/Air Traffic Management (CNS/ATM) navigation safety and other aircraft hardware and software improvements on USAF C-130J aircraft and associated training systems.

In FY13 the center wing box replacement program begins with the procurement of two enhanced service life (ESL) center wings plus non-recurring engineering as this will be the first C-130 center wing replacements. Since Nov 2009 all production C-130Js have been delivered with the ESL center wing.

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

Appropriation / Budget Activity / Budget Sub Activity:
3010F : Aircraft Procurement, Air Force / BA 5 : Modification of Inservice Aircraft / BSA 5 : Other Aircraft

P-1 Line Item Nomenclature:
65 - C-130J MODS

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 (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
C-130J (See enclosed P-40A)	P40A				34.606			83.633			52.153			5.396			0.000			5.396
C-130J Tactics Training - 1680	P3A		-	-	-	-	-	3.227	-	-	-	-	-	8.145	-	-	-	-	-	8.145
C-130J BLOCK 7.0 UPGRADES - 6298	P3A		-	-	-	-	-	-	-	-	14.004	-	-	35.261	-	-	-	-	-	35.261
C-130J Center Wing Replacement - 8646	P3A		-	-	-	-	-	-	-	-	-	-	-	21.753	-	-	-	-	-	21.753
Total Gross/Weapon System Cost					34.606			86.860			66.157			70.555			-			70.555

		ID CD	FY 2014			FY 2015			FY 2016			FY 2017			To Complete			Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
C-130J (See enclosed P-40A)	P40A				1.769			0.953			0.747			28.112			584.603			791.972
C-130J Tactics Training - 1680	P3A		-	-	7.545	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18.917
C-130J BLOCK 7.0 UPGRADES - 6298	P3A		-	-	51.867	-	-	61.096	-	-	62.724	-	-	36.893	-	-	107.034	-	-	368.879
C-130J Center Wing Replacement - 8646	P3A		-	-	9.194	-	-	6.340	-	-	6.406	-	-	-	-	-	-	-	-	43.693
Total Gross/Weapon System Cost					70.375			68.389			69.877			65.005			691.637			1,223.461

*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:

With the exception of modifications listed in the P-40A, justification for individual modifications is provided in the P-3A exhibits.

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force															Date: February 2012				
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5					P-1 Line Item Nomenclature: 65 - C-130J MODS					Aggregated Item Name: C-130J									
Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
(Uncategorized)																			
1 - Avionics System and Structural Modifications		-	88	10.498	-	0	0.360	-	0	5.573	-	0	3.336	-	0	0.000	-	0	3.336
<i>Secondary Distribution</i>																			
Air Force Active			64	8.180		0	0.360		0	4.904		0	3.336		0	0.000		0	3.336
Air National Guard			16	1.545		0	0.000		0	0.446		0	0.000		0	0.000		0	0.000
Air Force Reserve			8	0.773		0	0.000		0	0.223		0	0.000		0	0.000		0	0.000
2 - BLOCK 8.0		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.000		0	0.000		0	0.000
Air National Guard			0	0.000		0	0.000		0	0.000		0	0.000		0	0.000		0	0.000
Air Force Reserve			0	0.000		0	0.000		0	0.000		0	0.000		0	0.000		0	0.000
3 - Wind Gust Brake		-	0	7.199	-	0	3.169	-	0	0.169	-	0	0.060	-	0	0.000	-	0	0.060
<i>Secondary Distribution</i>																			
Air Force Active			0	5.248		0	1.626		0	0.169		0	0.060		0	0.000		0	0.060
Air National Guard			0	1.102		0	0.857		0	0.000		0	0.000		0	0.000		0	0.000
Air Force Reserve			0	0.849		0	0.686		0	0.000		0	0.000		0	0.000		0	0.000
4 - LARGE AIRCRAFT INFRARED COUNTERMEASURES (LAIRCM)		-	2	10.905	-	6	55.094	-	7	45.411	-	0	0.000	-	0	0.000	-	0	0.000
<i>Secondary Distribution</i>																			
Air Force Active			0	3.680		6	55.094		7	45.411		0	0.000		0	0.000		0	0.000
Air National Guard			2	7.225		0	0.000		0	0.000		0	0.000		0	0.000		0	0.000
Air Force Reserve			0	0.000		0	0.000		0	0.000		0	0.000		0	0.000		0	0.000
5 - Dynamic Retasking Capability		-	0	0.000	-	43	23.010	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		25	20.559		0	0.000		0	0.000		0	0.000		0	0.000
Air National Guard			0	0.000		8	1.089		0	0.000		0	0.000		0	0.000		0	0.000

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity:
3010F / BA 5 / BSA 5

P-1 Line Item Nomenclature:
65 - C-130J MODS

Aggregated Item Name:
C-130J

Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Air Force Reserve			0	0.000		10	1.362		0	0.000		0	0.000		0	0.000		0	0.000
6 - LOW COST MODIFICATIONS		-	0	6.004	-	0	2.000	-	0	1.000	-	0	2.000	-	0	0.000	-	0	2.000
<i>Secondary Distribution</i>																			
Air Force Active			0	6.004		0	2.000		0	1.000		0	2.000		0	0.000		0	2.000
<i>Uncategorized Subtotal</i>				34.606			83.633			52.153			5.396			0.000			5.396
Total				34.606			83.633			52.153			5.396			0.000			5.396

UNCLASSIFIED

Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force															Date: February 2012				
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5							P-1 Line Item Nomenclature: 65 - C-130J MODS							Aggregated Item Name: C-130J					
Items († indicates the presence of a P-5A)	ID CD	FY 2014			FY 2015			FY 2016			FY 2017			To Complete			Total		
		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
(Uncategorized)																			
1 - Avionics System and Structural Modifications		-	0	0.300	-	0	0.300	-	0	0.133	-	0	0.000	-	0	0.000	-	88	20.500
<i>Secondary Distribution</i>																			
Air Force Active			0	0.300		0	0.300		0	0.133		0	0.000						
Air National Guard			0	0.000		0	0.000		0	0.000		0	0.000						
Air Force Reserve			0	0.000		0	0.000		0	0.000		0	0.000						
2 - BLOCK 8.0		-	0	0.000	-	0	0.000	-	0	0.000	-	9	27.612	-	132	584.603	-	141	612.215
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		9	27.612						
Air National Guard			0	0.000		0	0.000		0	0.000		0	0.000						
Air Force Reserve			0	0.000		0	0.000		0	0.000		0	0.000						
3 - Wind Gust Brake		-	0	0.201	-	0	0.148	-	0	0.114	-	0	0.000	-	0	0.000	-	0	11.060
<i>Secondary Distribution</i>																			
Air Force Active			0	0.201		0	0.148		0	0.114		0	0.000						
Air National Guard			0	0.000		0	0.000		0	0.000		0	0.000						
Air Force Reserve			0	0.000		0	0.000		0	0.000		0	0.000						
4 - LARGE AIRCRAFT INFRARED COUNTERMEASURES (LAIRCM)		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	15	111.410
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.000						
Air National Guard			0	0.000		0	0.000		0	0.000		0	0.000						
Air Force Reserve			0	0.000		0	0.000		0	0.000		0	0.000						
5 - Dynamic Retasking Capability		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	43	23.010
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.000						
Air National Guard			0	0.000		0	0.000		0	0.000		0	0.000						

UNCLASSIFIED

Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity:
3010F / BA 5 / BSA 5

P-1 Line Item Nomenclature:
65 - C-130J MODS

Aggregated Item Name:
C-130J

Items († indicates the presence of a P-5A)	ID CD	FY 2014			FY 2015			FY 2016			FY 2017			To Complete			Total		
		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Air Force Reserve			0	0.000		0	0.000		0	0.000		0	0.000						
6 - LOW COST MODIFICATIONS		-	0	1.268	-	0	0.505	-	0	0.500	-	0	0.500	-	0	0.000	-	0	13.777
<i>Secondary Distribution</i>																			
Air Force Active			0	1.268		0	0.505		0	0.500		0	0.500						
<i>Uncategorized Subtotal</i>				1.769			0.953			0.747			28.112			0.000			791.972
Total				1.769			0.953			0.747			28.112			584.603			791.972

Remarks:

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Exhibit P-3A, Individual Modification: PB 2013 Air Force							Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5			P-1 Line Item Nomenclature: 65 - C-130J MODS				Modification Nomenclature (<i>Modification Title, Modification Number</i>): C-130J Tactics Training - 1680					
Models of Systems Affected: N/A			Type Modification: Capability Improvement				Related RDT&E PEs: 0401879F					

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)	-	3.227	-	8.145	-	8.145	7.545	-	-	-	-	18.917
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	3.227	-	8.145	-	8.145	7.545	-	-	-	-	18.917
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	-	3.227	-	8.145	-	8.145	7.545	-	-	-	-	18.917

(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 Millions)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

Funds the procurement and installation of a threat generation system, a new visual system, and a Joint Precision Air Drop System (JPADS) capability in five C-130J Weapons System Trainers. This new capability will increase combat effectiveness, improve aircraft survivability, and allows visual formation and JPADS training to take place in the simulator versus the aircraft.

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 65 - C-130J MODS	Modification Nomenclature (<i>Modification Title, Modification Number</i>): C-130J Tactics Training - 1680

Models of Systems Affected: N/A	Type Modification: Capability Improvement	Related RDT&E PEs: 0401879F
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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												
C-130J Tactics Training												
B Kits												
NonRecurring												
EQUIP NONREC Group B (Active)	0	0.000	0	3.227	0	0.000	0	8.145	0	0.000	0	8.145
<i>Subtotal NonRecurring</i>		0.000		3.227		0.000		8.145		0.000		8.145
Secondary Distribution												
Air Force Active	0	0.000	0	3.227	0	0.000	0	8.145	0	0.000	0	8.145
<i>Total, C-130J Tactics Training</i>	0	0.000	0	3.227	0	0.000	0	8.145	0	0.000	0	8.145
<i>Total, All Modifications</i>		0.000		3.227		0.000		8.145		0.000		8.145
Support												
SIM/TRAINER	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	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		3.227		0.000		8.145		0.000		8.145
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		0.000		3.227		0.000		8.145		0.000		8.145

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	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 Tactics Training												
B Kits												
NonRecurring												
EQUIP NONREC Group B (Active)	0	7.545	0	0.000	0	0.000	0	0.000	0	0.000	0	18.917
<i>Subtotal NonRecurring</i>		7.545		0.000		0.000		0.000		0.000		18.917
Secondary Distribution												
Air Force Active	0	7.545	0	0.000	0	0.000	0	0.000	-	-	-	-
<i>Total, C-130J Tactics Training</i>	0	7.545	0	0.000	0	0.000	0	0.000	0	0.000	0	18.917
<i>Total, All Modifications</i>		7.545		0.000		0.000		0.000		0.000		18.917

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5		P-1 Line Item Nomenclature: 65 - C-130J MODS
Modification Nomenclature (<i>Modification Title, Modification Number</i>): C-130J Tactics Training - 1680		
Models of Systems Affected: N/A	Type Modification: Capability Improvement	Related RDT&E PEs: 0401879F

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (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												
SIM/TRAINER	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	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>		7.545		0.000		0.000		0.000		0.000		18.917
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		7.545		0.000		0.000		0.000		0.000		18.917

Remarks:

Manufacturer Information: C-130J Tactics Training	
Manufacturer Name: Lockheed Martin Information Systems	Manufacturer Location: Orlando, FL
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			Apr 2013	Apr 2014			
Delivery Dates			Apr 2014	Apr 2015			

Installation: C-130J Tactics Training	Method of Implementation: Org/Intermediate	Installation Quantity: 0
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Exhibit P-3A, Individual Modification: PB 2013 Air Force							Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5				P-1 Line Item Nomenclature: 65 - C-130J MODS				Modification Nomenclature (<i>Modification Title, Modification Number</i>): C-130J BLOCK 7.0 UPGRADES - 6298				
Models of Systems Affected: C-130J, C-130J (short), WC-130J, EC-130J, HC-130J, MC-130J			Type Modification: Capability Improvement				Related RDT&E PEs: 0401132F					

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)	-	-	14.004	35.261	-	35.261	51.867	61.096	62.724	36.893	107.034	368.879
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	-	14.004	35.261	-	35.261	51.867	61.096	62.724	36.893	107.034	368.879
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	-	-	14.004	35.261	-	35.261	51.867	61.096	62.724	36.893	107.034	368.879

(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 Millions)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

C-130J Block 7.0 modification program funds the procurement and installation of Communication, Navigation and Surveillance/Air Traffic Management (CNS/ATM) navigation safety and other aircraft hardware and software improvements on USAF C-130J aircraft and associated training systems.

The RDT&E program delivers six aircraft with Block 7.0: 1 C-130J, 1 C-130J(short), 1 WC-130J, 1 EC-130J, 1 HC-130J and 1 MC-130J. The MC-130J will combine the USAF-funded Block 7.0 upgrade with the USSOCOM-funded Increment 3 upgrade. The HC-130J Block 7.0 retrofit funding and schedule are located in the PE 0207224F Common Configuration Modification documents. Block 7.0 will be cut into the production line for all USG C-130J variants in FY14.

NOTE: USMC KC-130Js and USCG HC-130Js are part of the USAF Block 7.0 program.

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Exhibit P-3A, Individual Modification: PB 2013 Air Force								Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5				P-1 Line Item Nomenclature: 65 - C-130J MODS				Modification Nomenclature (<i>Modification Title, Modification Number</i>): C-130J BLOCK 7.0 UPGRADES - 6298					
Models of Systems Affected: C-130J, C-130J (short), WC-130J, EC-130J, HC-130J, MC-130J				Type Modification: Capability Improvement				Related RDT&E PEs: 0401132F					
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
RDT&E PE #													
0401132F	0	87.590	0	20.247	0	6.700	0	0.000	0	0.000	0	0.000	
Procurement													
C-130J BLOCK 7.0 UPGRADES													
A Kits													
Recurring													
INSTALL KITS Group A (Active)	0	0.000	0	0.000	7	0.721	9	0.955	0	0.000	9	0.955	
INSTALL KITS Group A (Guard)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	
INSTALL KITS Group A (Reserve)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	
<i>Subtotal Recurring</i>		0.000		0.000		0.721		0.955		0.000		0.955	
B Kits													
Recurring													
EQUIPMENT Group B (Active)	0	0.000	0	0.000	7	8.127	9	10.638	0	0.000	9	10.638	
EQUIPMENT Group B (Guard)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	
EQUIPMENT Group B (Reserve)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	
<i>Subtotal Recurring</i>		0.000		0.000		8.127		10.638		0.000		10.638	
Secondary Distribution													
Air Force Active	0	0.000	0	0.000	7	14.004	9	35.261	0	0.000	9	35.261	
Air National Guard	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	
Air Force Reserve	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	
<i>Total, C-130J BLOCK 7.0 UPGRADES</i>	0	0.000	0	0.000	7	8.848	9	11.593	0	0.000	9	11.593	
<i>Total, All Modifications</i>		0.000		0.000		8.848		11.593		0.000		11.593	
Support													
SIM/TRAINER	0	0.000	0	0.000	0	0.000	0	4.728	0	0.000	0	4.728	
SUPPORT- EQUIP	0	0.000	0	0.000	0	0.643	0	1.456	0	0.000	0	1.456	
GFP	0	0.000	0	0.000	0	0.000	0	7.092	0	0.000	0	7.092	
OTHER GOVT	0	0.000	0	0.000	0	1.030	0	1.100	0	0.000	0	1.100	
Install Spares	0	0.000	0	0.000	0	3.483	0	9.292	0	0.000	0	9.292	

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 65 - C-130J MODS	Modification Nomenclature (Modification Title, Modification Number): C-130J BLOCK 7.0 UPGRADES - 6298
Models of Systems Affected: C-130J, C-130J (short), WC-130J, EC-130J, HC-130J, MC-130J	Type Modification: Capability Improvement	Related RDT&E PEs: 0401132F

Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (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		0.000		0.000		5.156		23.668		0.000		23.668
Procurement Cost (Procurement + Support)		0.000		0.000		14.004		35.261		0.000		35.261
Total Installation Cost		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		0.000		0.000		14.004		35.261		0.000		35.261

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
RDT&E PE #												
0401132F	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	114.537
Procurement												
C-130J BLOCK 7.0 UPGRADES												
A Kits												
Recurring												
INSTALL KITS Group A (Active)	14	1.530	19	2.138	11	1.275	9	1.075	7	0.865	76	8.559
INSTALL KITS Group A (Guard)	0	0.000	0	0.000	0	0.000	0	0.000	16	2.068	16	2.068
INSTALL KITS Group A (Reserve)	0	0.000	0	0.000	0	0.000	0	0.000	19	2.389	19	2.389
Subtotal Recurring		1.530		2.138		1.275		1.075		5.322		13.016
B Kits												
Recurring												
EQUIPMENT Group B (Active)	14	16.842	19	23.270	11	13.695	9	11.421	7	9.149	76	93.142
EQUIPMENT Group B (Guard)	0	0.000	0	0.000	0	0.000	0	0.000	16	22.028	16	22.028
EQUIPMENT Group B (Reserve)	0	0.000	0	0.000	0	0.000	0	0.000	19	25.340	19	25.340
Subtotal Recurring		16.842		23.270		13.695		11.421		56.517		140.510
Secondary Distribution												
Air Force Active	14	49.354	19	57.775	11	57.278	9	29.331	-	-	-	-
Air National Guard	0	0.000	0	0.000	0	0.000	0	0.000	-	-	-	-
Air Force Reserve	0	0.000	0	0.000	0	0.000	0	0.000	-	-	-	-
Total, C-130J BLOCK 7.0 UPGRADES	14	18.372	19	25.408	11	14.970	9	12.496	42	61.839	111	153.526

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 65 - C-130J MODS	Modification Nomenclature (<i>Modification Title, Modification Number</i>): C-130J BLOCK 7.0 UPGRADES - 6298
Models of Systems Affected: C-130J, C-130J (short), WC-130J, EC-130J, HC-130J, MC-130J	Type Modification: Capability Improvement	Related RDT&E PEs: 0401132F

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (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>		18.372		25.408		14.970		12.496		61.839		153.526
Support												
SIM/TRAINER	0	3.957	0	5.846	0	7.091	0	4.714	0	8.230	0	34.566
SUPPORT- EQUIP	0	5.374	0	0.771	0	2.882	0	0.000	0	0.000	0	11.126
GFP	0	10.827	0	22.050	0	27.300	0	11.421	0	6.535	0	85.225
OTHER GOVT	0	1.200	0	1.250	0	1.300	0	0.700	0	3.300	0	9.880
Install Spares	0	9.624	0	2.450	0	3.735	0	0.000	0	0.000	0	28.584
<i>Total Support Cost</i>		30.982		32.367		42.308		16.835		18.065		169.381
<i>Procurement Cost (Procurement + Support)</i>		49.354		57.775		57.278		29.331		79.904		322.907
<i>Total Installation Cost</i>		2.513		3.321		5.446		7.562		27.130		45.972
Total Cost (Procurement + Support + Installation)		51.867		61.096		62.724		36.893		107.034		368.879

Remarks:

Manufacturer Information: C-130J BLOCK 7.0 UPGRADES

Manufacturer Name: Lockheed Martin Aeronautics				Manufacturer Location: Marietta, GA			
Administrative Leadtime (in Months): 3				Production Leadtime (in Months): 18			
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates		Jan 2013	Jan 2013	Dec 2013	Dec 2014	Dec 2015	Dec 2016
Delivery Dates		Jul 2014	Jul 2014	Jun 2015	Jun 2016	Jun 2017	Jun 2018

Installation: C-130J BLOCK 7.0 UPGRADES		Method of Implementation: Depot				Installation Name:						
Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ 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	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 65 - C-130J MODS	Modification Nomenclature (<i>Modification Title, Modification Number</i>): C-130J BLOCK 7.0 UPGRADES - 6298
Models of Systems Affected: C-130J, C-130J (short), WC-130J, EC-130J, HC-130J, MC-130J	Type Modification: Capability Improvement	Related RDT&E PEs: 0401132F

Installation: C-130J BLOCK 7.0 UPGRADES	Method of Implementation: Depot	Installation Name:
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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	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ 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	7	2.513	-	-	-	-	-	-	0	0.000	7	2.513
Secondary Distribution - Air Force Active	7	2.513	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	9	3.321	-	-	-	-	0	0.000	9	3.321
Secondary Distribution - Air Force Active	-	-	9	3.321	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	14	5.446	-	-	0	0.000	14	5.446
Secondary Distribution - Air Force Active	-	-	-	-	14	5.446	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	19	7.562	0	0.000	19	7.562
Secondary Distribution - Air Force Active	-	-	-	-	-	-	19	7.562	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	11	4.509	11	4.509
FY 2017	-	-	-	-	-	-	-	-	9	3.800	9	3.800
To Complete	0	0.000	0	0.000	0	0.000	0	0.000	42	18.821	42	18.821

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 65 - C-130J MODS	Modification Nomenclature (<i>Modification Title, Modification Number</i>): C-130J BLOCK 7.0 UPGRADES - 6298
Models of Systems Affected: C-130J, C-130J (short), WC-130J, EC-130J, HC-130J, MC-130J	Type Modification: Capability Improvement	Related RDT&E PEs: 0401132F

Installation: C-130J BLOCK 7.0 UPGRADES	Method of Implementation: Depot	Installation Name:
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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)
Secondary Distribution - Air Force Active	0	0.000	0	0.000	0	0.000	0	0.000	-	-	-	-
Total	7	2.513	9	3.321	14	5.446	19	7.562	62	27.130	111	45.972
Secondary Distribution - Air Force Active	7	2.513	9	3.321	14	5.446	19	7.562	-	-	-	-

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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	4	4	5	6	3	3	3	3	3	6	6	60	111
Out	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	4	4	5	6	3	3	3	3	3	6	6	60	111

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Exhibit P-3A, Individual Modification: PB 2013 Air Force							Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5			P-1 Line Item Nomenclature: 65 - C-130J MODS				Modification Nomenclature <i>(Modification Title, Modification Number):</i> C-130J Center Wing Replacement - 8646					
Models of Systems Affected: C-130J			Type Modification: Safety				Related RDT&E PEs: 0401132F					

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)	-	-	-	21.753	-	21.753	9.194	6.340	6.406	-	-	43.693
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	-	-	21.753	-	21.753	9.194	6.340	6.406	-	-	43.693
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	-	-	-	21.753	-	21.753	9.194	6.340	6.406	-	-	43.693

(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 Millions)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

This is an FY13 New Start. This program replaces the Center Wing Box (CWB) on C-130J aircraft with extended service life (ESL) center wing. The ESL wing has been the standard production wing since Nov 2009. The first 77 C-130Js were built with the legacy C-130H center wing. The legacy wing has a life of 38,500 equivalent baseline hours (EBH) before flight restrictions are imposed. The severity of the flight environment dictates how rapidly a wing needs to be replaced.

The planes at the C-130J schoolhouse require replacement first as virtually all of their flight hours are tactical. The four aircraft in this program require immediate attention.

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 65 - C-130J MODS	Modification Nomenclature (<i>Modification Title, Modification Number</i>): C-130J Center Wing Replacement - 8646

Models of Systems Affected: C-130J	Type Modification: Safety	Related RDT&E PEs: 0401132F
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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												
C-130J Center Wing Replacement												
A Kits												
Recurring												
INSTALL KITS Group A (Active)	0	0.000	0	0.000	0	0.000	2	9.000	0	0.000	2	9.000
<i>Subtotal Recurring</i>		0.000		0.000		0.000		9.000		0.000		9.000
NonRecurring												
KITS NONRECUR Group A (Active)	0	0.000	0	0.000	0	0.000	0	12.700	0	0.000	0	12.700
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		12.700		0.000		12.700
Secondary Distribution												
Air Force Active	0	0.000	0	0.000	0	0.000	2	21.753	0	0.000	2	21.753
<i>Total, C-130J Center Wing Replacement</i>	0	0.000	0	0.000	0	0.000	2	21.700	0	0.000	2	21.700
<i>Total, All Modifications</i>		0.000		0.000		0.000		21.700		0.000		21.700
Support												
PMA - Contractor Services	0	0.000	0	0.000	0	0.000	0	0.053	0	0.000	0	0.053
PMA - Gov't Costs	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
<i>Total Support Cost</i>		0.000		0.000		0.000		0.053		0.000		0.053
<i>Procurement Cost (Procurement + Support)</i>		0.000		0.000		0.000		21.753		0.000		21.753
<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		21.753		0.000		21.753

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	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 Center Wing Replacement												
A Kits												
Recurring												
INSTALL KITS Group A (Active)	2	9.000	0	0.000	0	0.000	0	0.000	0	0.000	4	18.000
<i>Subtotal Recurring</i>		9.000		0.000		0.000		0.000		0.000		18.000

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 65 - C-130J MODS	Modification Nomenclature (<i>Modification Title, Modification Number</i>): C-130J Center Wing Replacement - 8646

Models of Systems Affected: C-130J	Type Modification: Safety	Related RDT&E PEs: 0401132F
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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												
KITS NONRECUR Group A (Active)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	12.700
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		12.700
Secondary Distribution												
Air Force Active	2	9.194	0	0.640	0	0.606	0	0.000	-	-	-	-
<i>Total, C-130J Center Wing Replacement</i>	2	9.000	0	0.000	0	0.000	0	0.000	0	0.000	4	30.700
<i>Total, All Modifications</i>		9.000		0.000		0.000		0.000		0.000		30.700
Support												
PMA - Contractor Services	0	0.194	0	0.140	0	0.106	0	0.000	0	0.000	0	0.493
PMA - Gov't Costs	0	0.000	0	0.500	0	0.500	0	0.000	0	0.000	0	1.000
<i>Total Support Cost</i>		0.194		0.640		0.606		0.000		0.000		1.493
<i>Procurement Cost (Procurement + Support)</i>		9.194		0.640		0.606		0.000		0.000		32.193
<i>Total Installation Cost</i>		0.000		5.700		5.800		0.000		0.000		11.500
Total Cost (Procurement + Support + Installation)		9.194		6.340		6.406		0.000		0.000		43.693

Remarks:

Manufacturer Information: C-130J Center Wing Replacement

Manufacturer Name: Lockheed Martin Aero	Manufacturer Location: Marietta GA
Administrative Leadtime (in Months): 3	Production Leadtime (in Months): 24

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

Installation: C-130J Center Wing Replacement **Method of Implementation:** Depot **Installation Name:**

Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ 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	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 65 - C-130J MODS	Modification Nomenclature (<i>Modification Title, Modification Number</i>): C-130J Center Wing Replacement - 8646
Models of Systems Affected: C-130J	Type Modification: Safety	Related RDT&E PEs: 0401132F

Installation: C-130J Center Wing Replacement	Method of Implementation: Depot	Installation Name:
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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	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ 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	5.700	-	-	-	-	0	0.000	2	5.700
Secondary Distribution - Air Force Active	-	-	2	5.700	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	2	5.800	-	-	0	0.000	2	5.800
Secondary Distribution - Air Force Active	-	-	-	-	2	5.800	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	0	0.000	0	0.000	-	-	0	0.000	0	0.000
Secondary Distribution - Air Force Active	-	-	0	0.000	0	0.000	-	-	-	-	-	-
Total	-	-	2	5.700	2	5.800	-	-	0	0.000	4	11.500

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 65 - C-130J MODS	Modification Nomenclature <i>(Modification Title, Modification Number):</i> C-130J Center Wing Replacement - 8646

Models of Systems Affected: C-130J	Type Modification: Safety	Related RDT&E PEs: 0401132F
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Installation: C-130J Center Wing Replacement	Method of Implementation: Depot	Installation Name:
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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)
Secondary Distribution - Air Force Active	-	-	2	5.700	2	5.800	-	-	-	-	-	-

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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	1	0	0	0	0	0	0	4
Out	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	1	0	0	0	0	4

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

Appropriation / Budget Activity / Budget Sub Activity:
3010F : Aircraft Procurement, Air Force / BA 5 : Modification of Inservice Aircraft / BSA 5 : Other Aircraft

P-1 Line Item Nomenclature:
66 - C-135 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)	947.986	37.221	62.210	46.707	-	46.707	59.172	60.367	55.814	55.950	242.167	1,567.594
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	947.986	37.221	62.210	46.707	-	46.707	59.172	60.367	55.814	55.950	242.167	1,567.594
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	947.986	37.221	62.210	46.707	-	46.707	59.172	60.367	55.814	55.950	242.167	1,567.594

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

Description:

The C-135 is a four engine aircraft used for long range cargo and passenger airlift and to support theater commanders. The four engine KC-135 provides air refueling through either the refueling boom or drogue. As a cargo aircraft, the KC-135 can carry six standard 463-L pallets. As of FY13, there are 396 aircraft in the C-135 inventory. The average age is 51 years, with 33 years of service life remaining (projected service life of 2045). The primary modifications are Block 45, Visual System Replacement, and Mode 5 that enhance operational capability by improving aircraft tracking, identification and ability to operate in restrictive global civil airspace. Other modifications are budgeted to improve flight safety, reliability, and maintainability. The specific modifications budgeted and programmed are listed below.

Item Schedule		Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total			
Item Nomenclature*	Exhibits	ID CD	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
C-135 (See enclosed P-40A)	P40A				947.986			37.221			30.756			8.035			0.000			8.035
BLOCK 45 - 8653	P3A		-	-	-	-	-	-	-	-	31.454	-	-	38.672	-	-	-	-	-	38.672
Total Gross/Weapon System Cost					947.986			37.221			62.210			46.707			-			46.707
		FY 2014			FY 2015			FY 2016			FY 2017			To Complete			Total			
Item Nomenclature*	Exhibits	ID CD	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
C-135 (See enclosed P-40A)	P40A				3.028			2.868			1.777			2.477			0.306			1,034.454
BLOCK 45 - 8653	P3A		-	-	56.144	-	-	57.499	-	-	54.037	-	-	53.473	-	-	241.861	-	-	533.140
Total Gross/Weapon System Cost					59.172			60.367			55.814			55.950			242.167			1,567.594

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Exhibit P-40, Budget Item Justification Sheet: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F : Aircraft Procurement, Air Force / BA 5 : Modification of Inservice Aircraft / BSA 5 : Other Aircraft		P-1 Line Item Nomenclature: 66 - C-135 Mods
ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:
<small>*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.</small>		
Justification: With the exception of modifications listed in the P-40A, justification for individual modifications is provided in the P-3A exhibits.		

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5 **P-1 Line Item Nomenclature:** 66 - C-135 Mods **Aggregated Item Name:** C-135

Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
(Uncategorized)																			
1 - ENHANCED MODE S		-	0	27.354	-	0	0.997	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000
<i>Secondary Distribution</i>																			
Air Force Active			0	13.220		0	0.997		0	0.000		0	0.000		0	0.000		0	0.000
Air National Guard			0	10.348		0	0.000		0	0.000		0	0.000		0	0.000		0	0.000
Air Force Reserve			0	3.786		0	0.000		0	0.000		0	0.000		0	0.000		0	0.000
2 - GATM Phase II		-	419	907.256	-	0	8.701	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000
<i>Secondary Distribution</i>																			
Air Force Active			206	558.051		0	8.701		0	0.000		0	0.000		0	0.000		0	0.000
Air National Guard			151	243.897		0	0.000		0	0.000		0	0.000		0	0.000		0	0.000
Air Force Reserve			62	105.308		0	0.000		0	0.000		0	0.000		0	0.000		0	0.000
3 - MODE 5		-	0	1.307	-	0	12.524	-	0	5.803	-	0	0.000	-	0	0.000	-	0	0.000
<i>Secondary Distribution</i>																			
Air Force Active			0	1.307		0	12.524		0	5.488		0	0.000		0	0.000		0	0.000
Air National Guard			0	0.000		0	0.000		0	0.229		0	0.000		0	0.000		0	0.000
Air Force Reserve			0	0.000		0	0.000		0	0.086		0	0.000		0	0.000		0	0.000
4 - VOR/ILS ANTENNAE		-	55	0.506	-	76	0.984	-	74	2.331	-	76	2.455	-	0	0.000	-	76	2.455
<i>Secondary Distribution</i>																			
Air Force Active			28	0.389		35	0.644		29	1.709		35	1.681		0	0.000		35	1.681
Air National Guard			22	0.095		29	0.280		32	0.456		29	0.539		0	0.000		29	0.539
Air Force Reserve			5	0.022		12	0.060		13	0.166		12	0.235		0	0.000		12	0.235
5 - Visual System Replacement (VSR)		-	0	11.538	-	0	10.436	-	0	21.057	-	0	4.860	-	0	0.000	-	0	4.860
<i>Secondary Distribution</i>																			
Air Force Active			0	11.538		0	10.436		0	21.057		0	4.860		0	0.000		0	4.860
6 - LOW COST SAFETY MODIFICATIONS		-	0	0.025	-	0	0.025	-	0	0.025	-	0	0.025	-	0	0.000	-	0	0.025
<i>Secondary Distribution</i>																			
Air National Guard			0	0.025		0	0.025		0	0.025		0	0.025		0	0.000		0	0.025

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 66 - C-135 Mods	Aggregated Item Name: C-135
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Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
7 - LOW COST MODIFICATIONS		-	0	0.000	-	0	3.554	-	0	1.540	-	0	0.695	-	0	0.000	-	0	0.695
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	3.554		0	1.540		0	0.695		0	0.000		0	0.695
Uncategorized Subtotal				947.986			37.221			30.756			8.035			0.000			8.035
Total				947.986			37.221			30.756			8.035			0.000			8.035

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5 **P-1 Line Item Nomenclature:** 66 - C-135 Mods **Aggregated Item Name:** C-135

Items († indicates the presence of a P-5A)	ID CD	FY 2014			FY 2015			FY 2016			FY 2017			To Complete			Total		
		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
(Uncategorized)																			
1 - ENHANCED MODE S		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	28.351
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.000						
Air National Guard			0	0.000		0	0.000		0	0.000		0	0.000						
Air Force Reserve			0	0.000		0	0.000		0	0.000		0	0.000						
2 - GATM Phase II		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	419	915.957
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.000						
Air National Guard			0	0.000		0	0.000		0	0.000		0	0.000						
Air Force Reserve			0	0.000		0	0.000		0	0.000		0	0.000						
3 - MODE 5		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	19.634
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.000						
Air National Guard			0	0.000		0	0.000		0	0.000		0	0.000						
Air Force Reserve			0	0.000		0	0.000		0	0.000		0	0.000						
4 - VOR/ILS ANTENNAE		-	76	2.604	-	58	2.551	-	0	1.348	-	0	0.551	-	0	0.000	-	415	13.330
<i>Secondary Distribution</i>																			
Air Force Active			27	1.676		14	1.647		0	0.620		0	0.221						
Air National Guard			37	0.697		31	0.656		0	0.533		0	0.202						
Air Force Reserve			12	0.231		13	0.248		0	0.195		0	0.128						
5 - Visual System Replacement (VSR)		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	47.891
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.000						
6 - LOW COST SAFETY MODIFICATIONS		-	0	0.025	-	0	0.025	-	0	0.025	-	0	0.025	-	0	0.000	-	0	0.200
<i>Secondary Distribution</i>																			
Air National Guard			0	0.025		0	0.025		0	0.025		0	0.025						

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5 **P-1 Line Item Nomenclature:** 66 - C-135 Mods **Aggregated Item Name:** C-135

Items († indicates the presence of a P-5A)	ID CD	FY 2014			FY 2015			FY 2016			FY 2017			To Complete			Total		
		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
7 - LOW COST MODIFICATIONS		-	0	0.399	-	0	0.292	-	0	0.404	-	0	1.901	-	0	0.306	-	0	9.091
<i>Secondary Distribution</i>																			
Air Force Active			0	0.399		0	0.292		0	0.404		0	1.901						
Uncategorized Subtotal				3.028			2.868			1.777			2.477			0.000			1,034.454
Total				3.028			2.868			1.777			2.477			0.306			1,034.454

Remarks:

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 66 - C-135 Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): BLOCK 45 - 8653

Models of Systems Affected: C/KC-135	Type Modification: Capability Improvement	Related RDT&E PEs: 0401218F
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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)	-	-	31.454	38.672	-	38.672	56.144	57.499	54.037	53.473	241.861	533.140
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	-	31.454	38.672	-	38.672	56.144	57.499	54.037	53.473	241.861	533.140
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	-	-	31.454	38.672	-	38.672	56.144	57.499	54.037	53.473	241.861	533.140

(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 Millions)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

Block 45 addresses obsolescence, reliability and maintainability issues currently experienced by the KC-135 Fleet. The modification includes a new Digital Flight Director (DFD), Digital Radar Altimeter (RA), Digital Autopilot (AP) and Electronic Engine Instrument Displays (EEID). Block 45 requirements are outlined in the Capability Development Document (CDD) for KC-135 Communications, Navigation, and Surveillance/Air Traffic Management (CNS/ATM), dated 21 Oct 08.

The DFD replaces the existing obsolete analog flight director (high maintenance driver) and provides a fully integrated flight guidance system and at the same time provides improved capability. The RA replaces the existing obsolete AL-101 radio altimeter (high maintenance driver) with a new state of the art digital high mean time between failure (MTBF) RA. The digital AP replaces the current obsolete analog AP system. The EEID replaces the obsolete analog engine instruments. The Air Force expects to achieve MTBF figures as follows:

Radio Altimeter - 8,462 (current 1,454)
 Digital Flight Director - 11,388 (current 899)
 Autopilot - 2,335 (current 339)
 Engine Instruments - 4,726 (current 2,336)

In addition, by replacing these components, the Air Force expects to realize approximately \$8.50M annually (or \$440M total) in cost avoidance relative to system repair costs.

Aircraft Breakdown: USAF plans to modify 396 KC-135 aircraft (392 KC-135 R/T, 1 Ice Tanker, 1 Test Tanker and 2 Open Skies) with Block 45 (DFD, AP, RA and EEID). Two of the 396 aircraft modifications are prototypes funded with 3600 (RDT&E) appropriations, the rest will be funded with APAF 3010 (procurement).

This program has associated Research Development Test and Evaluation funding in PE 0401218F. This program has associated initial spares funding in BA 06.

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Exhibit P-3A, Individual Modification: PB 2013 Air Force								Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5				P-1 Line Item Nomenclature: 66 - C-135 Mods				Modification Nomenclature (<i>Modification Title, Modification Number</i>): BLOCK 45 - 8653					
Models of Systems Affected: C/KC-135			Type Modification: Capability Improvement				Related RDT&E PEs: 0401218F						
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
RDT&E PE #													
0401218F	0	22.753	2	19.887	0	6.161	0	0.000	0	0.000	0	0.000	
Procurement													
BLOCK 45													
A Kits													
Recurring													
INSTALL KITS Group A (Active)	0	0.000	0	0.000	15	1.293	13	1.140	0	0.000	13	1.140	
INSTALL KITS Group A (Guard)	0	0.000	0	0.000	0	0.000	16	1.404	0	0.000	16	1.404	
INSTALL KITS Group A (Reserve)	0	0.000	0	0.000	0	0.000	5	0.439	0	0.000	5	0.439	
<i>Subtotal Recurring</i>		<i>0.000</i>		<i>0.000</i>		<i>1.293</i>		<i>2.983</i>		<i>0.000</i>		<i>2.983</i>	
NonRecurring													
KITS NONRECUR Group A (Active)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	
<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>0.000</i>	
B Kits													
Recurring													
EQUIPMENT Group B (Active)	0	0.000	0	0.000	15	10.789	13	8.262	0	0.000	13	8.262	
EQUIPMENT Group B (Guard)	0	0.000	0	0.000	0	0.000	16	10.168	0	0.000	16	10.168	
EQUIPMENT Group B (Reserve)	0	0.000	0	0.000	0	0.000	5	3.178	0	0.000	5	3.178	
<i>Subtotal Recurring</i>		<i>0.000</i>		<i>0.000</i>		<i>10.789</i>		<i>21.608</i>		<i>0.000</i>		<i>21.608</i>	
NonRecurring													
EQUIP NONREC Group B (Active)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	
<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>0.000</i>	
Secondary Distribution													
Air Force Active	0	0.000	0	0.000	15	31.454	13	19.454	0	0.000	13	19.454	
Air National Guard	0	0.000	0	0.000	0	0.000	16	11.572	0	0.000	16	11.572	
Air Force Reserve	0	0.000	0	0.000	0	0.000	5	3.617	0	0.000	5	3.617	
<i>Total, BLOCK 45</i>	<i>0</i>	<i>0.000</i>	<i>0</i>	<i>0.000</i>	<i>15</i>	<i>12.082</i>	<i>34</i>	<i>24.591</i>	<i>0</i>	<i>0.000</i>	<i>34</i>	<i>24.591</i>	
<i>Total, All Modifications</i>		<i>0.000</i>		<i>0.000</i>		<i>12.082</i>		<i>24.591</i>		<i>0.000</i>		<i>24.591</i>	
Support													

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 66 - C-135 Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): BLOCK 45 - 8653

Models of Systems Affected: C/KC-135	Type Modification: Capability Improvement	Related RDT&E PEs: 0401218F
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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)
DATA	0	0.000	0	0.000	0	4.510	0	1.894	0	0.000	0	1.894
SIM/TRAINER	0	0.000	0	0.000	1	10.016	3	3.204	0	0.000	3	3.204
SUPPORT- EQUIP	0	0.000	0	0.000	0	0.020	0	0.040	0	0.000	0	0.040
OTHER GOVT	0	0.000	0	0.000	0	3.126	0	2.503	0	0.000	0	2.503
GFE	0	0.000	0	0.000	0	0.000	0	1.682	0	0.000	0	1.682
PMA - Contractor Services	0	0.000	0	0.000	0	1.600	0	0.579	0	0.000	0	0.579
PMA - Gov't Costs	0	0.000	0	0.000	0	0.100	0	0.150	0	0.000	0	0.150
<i>Total Support Cost</i>		<i>0.000</i>		<i>0.000</i>		<i>19.372</i>		<i>10.052</i>		<i>0.000</i>		<i>10.052</i>
<i>Procurement Cost (Procurement + Support)</i>		<i>0.000</i>		<i>0.000</i>		<i>31.454</i>		<i>34.643</i>		<i>0.000</i>		<i>34.643</i>
<i>Total Installation Cost</i>		<i>0.000</i>		<i>0.000</i>		<i>0.000</i>		<i>4.029</i>		<i>0.000</i>		<i>4.029</i>
Total Cost (Procurement + Support + Installation)		0.000		0.000		31.454		38.672		0.000		38.672

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
RDT&E PE #												
0401218F	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	2	48.801
Procurement												
BLOCK 45												
A Kits												
Recurring												
INSTALL KITS Group A (Active)	19	1.696	17	1.545	16	1.480	16	1.507	68	6.627	164	15.288
INSTALL KITS Group A (Guard)	22	1.964	20	1.818	19	1.758	24	2.261	67	6.512	168	15.717
INSTALL KITS Group A (Reserve)	7	0.625	6	0.545	5	0.462	5	0.471	34	3.307	62	5.849
<i>Subtotal Recurring</i>		<i>4.285</i>		<i>3.908</i>		<i>3.700</i>		<i>4.239</i>		<i>16.446</i>		<i>36.854</i>
NonRecurring												
KITS NONRECUR Group A (Active)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
<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>0.000</i>
B Kits												
Recurring												

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Exhibit P-3A, Individual Modification: PB 2013 Air Force									Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5				P-1 Line Item Nomenclature: 66 - C-135 Mods					Modification Nomenclature (Modification Title, Modification Number): BLOCK 45 - 8653			
Models of Systems Affected: C/KC-135			Type Modification: Capability Improvement				Related RDT&E PEs: 0401218F					
Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
EQUIPMENT Group B (Active)	19	12.038	17	11.022	16	10.592	16	10.705	68	46.265	164	109.673
EQUIPMENT Group B (Guard)	22	13.938	20	12.967	19	12.578	24	16.059	67	45.497	168	111.207
EQUIPMENT Group B (Reserve)	7	4.435	6	3.889	5	3.311	5	3.346	34	23.114	62	41.273
<i>Subtotal Recurring</i>		30.411		27.878		26.481		30.110		114.876		262.153
NonRecurring												
EQUIP NONREC Group B (Active)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		0.000
Secondary Distribution												
Air Force Active	19	25.890	17	24.924	16	23.750	16	19.799	-	-	-	-
Air National Guard	22	15.902	20	14.785	19	14.336	24	18.320	-	-	-	-
Air Force Reserve	7	5.060	6	4.434	5	3.773	5	3.817	-	-	-	-
<i>Total, BLOCK 45</i>	48	34.696	43	31.786	40	30.181	45	34.349	169	131.322	394	299.007
<i>Total, All Modifications</i>		34.696		31.786		30.181		34.349		131.322		299.007
Support												
DATA	0	0.640	0	0.290	0	0.000	0	0.000	0	2.000	0	9.334
SIM/TRAINER	3	3.615	4	4.587	4	4.807	0	0.949	4	8.693	19	35.871
SUPPORT- EQUIP	0	0.060	0	0.060	0	0.060	0	0.060	0	0.192	0	0.492
OTHER GOVT	0	4.566	0	4.453	0	4.038	0	3.912	0	20.719	0	43.317
GFE	0	2.574	0	2.262	0	2.062	0	1.954	0	11.973	0	22.507
PMA - Contractor Services	0	0.551	0	0.605	0	0.636	0	0.652	0	2.266	0	6.889
PMA - Gov't Costs	0	0.150	0	0.100	0	0.075	0	0.060	0	0.200	0	0.835
<i>Total Support Cost</i>		12.156		12.357		11.678		7.587		46.043		119.245
<i>Procurement Cost (Procurement + Support)</i>		46.852		44.143		41.859		41.936		177.365		418.252
<i>Total Installation Cost</i>		9.292		13.356		12.178		11.537		64.496		114.888
Total Cost (Procurement + Support + Installation)		56.144		57.499		54.037		53.473		241.861		533.140
Remarks:												
Manufacturer Information: BLOCK 45												
Manufacturer Name: Rockwell Collins						Manufacturer Location: Cedar Rapids, IA						

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Exhibit P-3A, Individual Modification: PB 2013 Air Force										Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5					P-1 Line Item Nomenclature: 66 - C-135 Mods					Modification Nomenclature (<i>Modification Title, Modification Number</i>): BLOCK 45 - 8653			
Models of Systems Affected: C/KC-135				Type Modification: Capability Improvement				Related RDT&E PEs: 0401218F					
Manufacturer Information: BLOCK 45													
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		Nov 2011	Nov 2012	Nov 2013	Nov 2014	Nov 2015	Nov 2016				Nov 2017		
Delivery Dates		Nov 2012	Nov 2013	Nov 2014	Nov 2015	Nov 2016	Nov 2017						
Installation: BLOCK 45													
Method of Implementation: Contractor Facility						Installation Name:							
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	-	-	-	-	-	-	15	4.029	-	-	15	4.029	
Secondary Distribution - Air Force Active	-	-	-	-	-	-	15	4.029	-	-	15	4.029	
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-	
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-	
Secondary Distribution - Air National Guard	-	-	-	-	-	-	-	-	-	-	-	-	
Secondary Distribution - Air Force Reserve	-	-	-	-	-	-	-	-	-	-	-	-	
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-	
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-	
Secondary Distribution - Air National Guard	-	-	-	-	-	-	-	-	-	-	-	-	
Secondary Distribution - Air Force Reserve	-	-	-	-	-	-	-	-	-	-	-	-	
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-	
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-	
Secondary Distribution - Air National Guard	-	-	-	-	-	-	-	-	-	-	-	-	
Secondary Distribution - Air Force Reserve	-	-	-	-	-	-	-	-	-	-	-	-	
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-	
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-	
Secondary Distribution - Air National Guard	-	-	-	-	-	-	-	-	-	-	-	-	
Secondary Distribution - Air Force Reserve	-	-	-	-	-	-	-	-	-	-	-	-	
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-	
To Complete	-	-	-	-	-	-	0	0.000	-	-	0	0.000	
Secondary Distribution - Air Force Active	-	-	-	-	-	-	0	0.000	-	-	0	0.000	
Secondary Distribution - Air National Guard	-	-	-	-	-	-	-	-	-	-	-	-	

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 66 - C-135 Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): BLOCK 45 - 8653
Models of Systems Affected: C/KC-135	Type Modification: Capability Improvement	Related RDT&E PEs: 0401218F

Installation: BLOCK 45	Method of Implementation: Contractor Facility	Installation Name:
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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)
Secondary Distribution - Air Force Reserve	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	15	4.029	-	-	15	4.029
Secondary Distribution - Air Force Active	-	-	-	-	-	-	15	4.029	-	-	15	4.029
Secondary Distribution - Air National Guard	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Reserve	-	-	-	-	-	-	-	-	-	-	-	-

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ 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	15	4.029
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	34	9.292	-	-	-	-	-	-	0	0.000	34	9.292
Secondary Distribution - Air Force Active	13	3.553	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air National Guard	16	4.373	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Reserve	5	1.366	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	48	13.356	-	-	-	-	0	0.000	48	13.356
Secondary Distribution - Air Force Active	-	-	19	5.287	-	-	-	-	-	-	-	-
Secondary Distribution - Air National Guard	-	-	22	6.121	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Reserve	-	-	7	1.948	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	43	12.178	-	-	0	0.000	43	12.178
Secondary Distribution - Air Force Active	-	-	-	-	17	4.815	-	-	-	-	-	-
Secondary Distribution - Air National Guard	-	-	-	-	20	5.664	-	-	-	-	-	-
Secondary Distribution - Air Force Reserve	-	-	-	-	6	1.699	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	40	11.537	0	0.000	40	11.537
Secondary Distribution - Air Force Active	-	-	-	-	-	-	16	4.615	-	-	-	-
Secondary Distribution - Air National Guard	-	-	-	-	-	-	19	5.480	-	-	-	-
Secondary Distribution - Air Force Reserve	-	-	-	-	-	-	5	1.442	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	45	13.213	45	13.213
To Complete	0	0.000	0	0.000	0	0.000	0	0.000	169	51.283	169	51.283

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5		P-1 Line Item Nomenclature: 66 - C-135 Mods
Modification Nomenclature (Modification Title, Modification Number): BLOCK 45 - 8653		

Models of Systems Affected: C/KC-135	Type Modification: Capability Improvement	Related RDT&E PEs: 0401218F
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Installation: BLOCK 45	Method of Implementation: Contractor Facility	Installation Name:
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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)
Secondary Distribution - Air Force Active	0	0.000	0	0.000	0	0.000	0	0.000	-	-	-	-
Secondary Distribution - Air National Guard	0	0.000	0	0.000	0	0.000	0	0.000	-	-	-	-
Secondary Distribution - Air Force Reserve	0	0.000	0	0.000	0	0.000	0	0.000	-	-	-	-
Total	34	9.292	48	13.356	43	12.178	40	11.537	214	64.496	394	114.888
Secondary Distribution - Air Force Active	13	3.553	19	5.287	17	4.815	16	4.615	-	-	-	-
Secondary Distribution - Air National Guard	16	4.373	22	6.121	20	5.664	19	5.480	-	-	-	-
Secondary Distribution - Air Force Reserve	5	1.366	7	1.948	6	1.699	5	1.442	-	-	-	-

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	0	0	0	0	0	0	0	0	0	3	4	4	4	8	8	9	9	12	12	12	12	10	10	11	12	10	10	10	10	214	394
Out	0	0	0	0	0	0	0	0	0	0	3	4	4	4	8	8	9	9	12	12	12	12	10	10	11	12	10	10	10	224	394

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

Appropriation / Budget Activity / Budget Sub Activity: 3010F : Aircraft Procurement, Air Force / BA 5 : Modification of Inservice Aircraft / BSA 5 : Other Aircraft	P-1 Line Item Nomenclature: 67 - COMPASS CALL Mods
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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)	53.597	110.997	302.324	50.024	14.000	64.024	55.878	54.108	56.480	57.552	-	754.960
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	53.597	110.997	302.324	50.024	14.000	64.024	55.878	54.108	56.480	57.552	-	754.960
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	53.597	110.997	302.324	50.024	14.000	64.024	55.878	54.108	56.480	57.552	-	754.960

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

Description:

FY11 funding totals include \$10M appropriated for Overseas Contingency Operations.

FY12 funding totals include \$12M requested for Overseas Contingency Operations.

The EC-130H COMPASS CALL aircraft is the USAF's wide-area coverage Airborne Electronic Attack (AEA) and Offensive Counter Information (OCI) weapon system. The mission equipment must continue to evolve to keep pace with the emerging adversary developments in new communications and sensor technology as well as the use of rapidly advancing commercial technology. Production funds are required for modification kit production (both hardware and software) and installation on each aircraft.

The current EC-130H COMPASS CALL inventory includes 14 operational/mission capable aircraft (Primary Mission Aircraft Inventory), and one TC-130H flight deck trainer aircraft (Basic Aircraft Inventory).

This program has associated Research, Development, Test and Evaluation funding in PE 0207253F.

Item Schedule		Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total			
Item Nomenclature*	Exhibits	ID CD	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
CCALL (See enclosed P-40A)	P40A				0.000			0.000			149.300			0.000			0.000			0.000
COMPASS CALL - 1001	P3A		-	-	53.597	-	-	110.997	-	-	153.024	-	-	50.024	-	-	14.000	-	-	64.024
Total Gross/Weapon System Cost					53.597			110.997			302.324			50.024			14.000			64.024

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

Appropriation / Budget Activity / Budget Sub Activity: 3010F : Aircraft Procurement, Air Force / BA 5 : Modification of Inservice Aircraft / BSA 5 : Other Aircraft	P-1 Line Item Nomenclature: 67 - COMPASS CALL Mods
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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 (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
CCALL (See enclosed P-40A)	P40A				0.000			0.000			0.000			0.000			0.000			149.300
COMPASS CALL - 1001	P3A		-	-	55.878	-	-	54.108	-	-	56.480	-	-	57.552	-	-	-	-	-	605.660
Total Gross/Weapon System Cost					55.878			54.108			56.480			57.552			-			754.960

*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:
 With the exception of modifications listed in the P-40A, justification for individual modifications is provided in the P-3A exhibits.

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 67 - COMPASS CALL Mods	Aggregated Item Name: CCALL
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Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
(Uncategorized)																			
1 - EC15		-	0	0.000	-	0	0.000	-	1	149.300	-	0	0.000	-	0	0.000	-	0	0.000
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		1	149.300		0	0.000		0	0.000		0	0.000
<i>Uncategorized Subtotal</i>				0.000			0.000			149.300			0.000			0.000			0.000
Total				0.000			0.000			149.300			0.000			0.000			0.000

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity:
3010F / BA 5 / BSA 5

P-1 Line Item Nomenclature:
67 - COMPASS CALL Mods

Aggregated Item Name:
CCALL

Items († indicates the presence of a P-5A)	ID CD	FY 2014			FY 2015			FY 2016			FY 2017			To Complete			Total		
		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
(Uncategorized)																			
1 - EC15		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	1	149.300
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.000						
<i>Uncategorized Subtotal</i>				0.000			0.000			0.000			0.000			0.000			149.300
Total				0.000			0.000			0.000			0.000			0.000			149.300

Remarks:

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 67 - COMPASS CALL Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): COMPASS CALL - 1001

Models of Systems Affected: EC-130H/TC-130H	Type Modification: Capability Improvement	Related RDT&E PEs: 0207253F
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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)	53.597	110.997	153.024	50.024	14.000	64.024	55.878	54.108	56.480	57.552	-	605.660
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	53.597	110.997	153.024	50.024	14.000	64.024	55.878	54.108	56.480	57.552	-	605.660
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	53.597	110.997	153.024	50.024	14.000	64.024	55.878	54.108	56.480	57.552	-	605.660

(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 Millions)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The EC-130H COMPASS CALL aircraft is the USAF's wide-area, airborne Command and Control Warfare/Information Operations (C2W/IO) weapon system. The mission equipment must continue to evolve to keep pace with emerging adversary developments in new communications and sensor technology as well as use of rapidly advancing commercial technology. The EC-130H COMPASS CALL program employs an incremental baseline upgrade acquisition strategy that puts capability into the warfighters hands as soon as practical and ensures each iteration of the weapon system is effective against the highest priority threats. A new Baseline of capability is fielded approximately every three years. Capabilities inserted into each baseline are planned in advance, based on warfighter inputs. Bi-annual Executive Management Reviews are utilized to review and "lock" Baseline content as production nears. Kits contracted for purchase and integration in a given Baseline upgrade are bought in the first year of the procurement funding cycle and are installed in the next year. Production funds are required for modification kit production (both hardware and software) and installation on each aircraft based on a Baseline upgrade cyclic schedule. Baseline 0 configurations are currently fielded and have started to return for their programmed depot maintenance and upgrade to Baseline 2 configuration. Baseline 1 configured aircraft are continuing to be fielded through the First Quarter of FY13. Baseline 2 configured aircraft efforts with FY13 funding will focus on reliability and sustainability improvements, significant obsolete parts replacement, weight reduction, simplification, and capability increase. Some examples are procurement of digital narrow band subsystem, counter radar subsystem, and 3rd Generation Special Purpose Emitter Array (SPEAR). Production funds are also used for avionics modifications to meet Communications, Navigation, Surveillance/Air Traffic Management (CNS/ATM) requirements and address obsolescence issues. Delivery of Baseline 2 configured aircraft will begin in the First Quarter of FY14.

Similarly, new Baselines will include necessary simulator modifications to ensure the simulators replicate the current aircraft configuration, and to address obsolescence issues. Due to the rapidly changing threat environment encountered during our prolonged commitment to Overseas Contingency Operations (OCO), the acquisition program manager has the authority to redirect funding as necessary to meet current stated and emerging Combatant Commander requirements through Quick Reaction Capability (QRC) kits.

Equipment includes aircraft and mission equipment retrofits based on the PDM and modification cyclic schedule. Program of record at the end of FY12 includes the following resources: 14 EC-130H operational / mission capable aircraft (primary mission aircraft inventory or PMAI), one (1) TC-130H flight deck trainer aircraft (basic aircraft inventory or BAI), and one (1) COMPASS CALL Mission Crew Simulator (CCMCS). FY13 funding will procure Baseline 2 Group A and Group B kits. Installation of such hardware will convert and field two (2) EC-130H from Baseline 0 to the Baseline 2 configuration in FY14. Lastly, the initial spares procurement funding in FY13 will be used to support the EC-130H mission in its Theater of Operations.

FY13 budget totals also include \$14.0M of requested OCO funding to procure necessary modifications and equipment for an advanced Infrared (IR) Countermeasures system for EC-130H COMPASS CALL mission aircraft. An improved IR Countermeasures system is necessary to protect aircrews from Man Portable Air Defense Systems (MANPADS) threats in and around their current operating area of interest. Current COMPASS CALL threat receivers are ineffective against many commercially available anti-aircraft devices currently in use by insurgents in the CENTCOM theater.

This program has associated Research, Development, Test and Evaluation funding in PE 0207253F.

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 67 - COMPASS CALL Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): COMPASS CALL - 1001
Models of Systems Affected: EC-130H/TC-130H	Type Modification: Capability Improvement	Related RDT&E PEs: 0207253F

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Exhibit P-3A, Individual Modification: PB 2013 Air Force								Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5				P-1 Line Item Nomenclature: 67 - COMPASS CALL Mods				Modification Nomenclature (<i>Modification Title, Modification Number</i>): COMPASS CALL - 1001					
Models of Systems Affected: EC-130H/TC-130H			Type Modification: Capability Improvement				Related RDT&E PEs: 0207253F						
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
RDT&E PE #													
0207253F	0	13.019	0	19.949	0	18.509	0	12.094	0	0.000	0	12.094	
Procurement													
COMPASS CALL													
A Kits													
Recurring													
INSTALL KITS Group A (Active)	2	5.997	2	14.770	2	10.098	2	13.956	0	0.000	2	13.956	
<i>Subtotal Recurring</i>		5.997		14.770		10.098		13.956		0.000		13.956	
B Kits													
Recurring													
EQUIPMENT Group B (Active)	2	28.690	2	9.956	2	31.400	2	10.200	0	0.000	2	10.200	
<i>Subtotal Recurring</i>		28.690		9.956		31.400		10.200		0.000		10.200	
NonRecurring													
EQUIP NONREC Group B (Active)	2	15.445	2	34.665	2	29.406	2	13.776	0	0.000	2	13.776	
<i>Subtotal NonRecurring</i>		15.445		34.665		29.406		13.776		0.000		13.776	
Secondary Distribution													
Air Force Active	2	51.301	2	99.647	2	142.737	2	39.703	0	14.000	2	53.703	
<i>Total, COMPASS CALL</i>	2	50.132	2	59.391	2	70.904	2	37.932	0	0.000	2	37.932	
<i>Total, All Modifications</i>		50.132		59.391		70.904		37.932		0.000		37.932	
Support													
SIM/TRAINER	0	0.000	1	28.907	1	24.397	0	0.000	0	0.000	0	0.000	
OTHER GOVT	0	0.000	1	10.000	4	12.000	0	0.000	4	14.000	4	14.000	
OTHER GOVT (1)	0	0.000	0	0.000	5	33.700	0	0.000	0	0.000	0	0.000	
PMA	0	0.240	0	0.647	0	0.870	0	0.887	0	0.000	0	0.887	
PMA - Contractor Services	0	0.929	0	0.702	0	0.866	0	0.884	0	0.000	0	0.884	
<i>Total Support Cost</i>		1.169		40.256		71.833		1.771		14.000		15.771	
<i>Procurement Cost (Procurement + Support)</i>		51.301		99.647		142.737		39.703		14.000		53.703	
<i>Total Installation Cost</i>		2.296		11.350		10.287		10.321		0.000		10.321	
Total Cost (Procurement + Support + Installation)		53.597		110.997		153.024		50.024		14.000		64.024	

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Exhibit P-3A, Individual Modification: PB 2013 Air Force									Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5			P-1 Line Item Nomenclature: 67 - COMPASS CALL Mods						Modification Nomenclature (<i>Modification Title, Modification Number</i>): COMPASS CALL - 1001			
Models of Systems Affected: EC-130H/TC-130H			Type Modification: Capability Improvement				Related RDT&E PEs: 0207253F					
Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
RDT&E PE #												
0207253F	0	12.222	0	12.559	0	13.047	0	12.989	0	0.000	0	114.388
Procurement												
COMPASS CALL												
A Kits												
Recurring												
INSTALL KITS Group A (Active)	2	14.235	2	14.520	2	14.810	2	14.810	0	0.000	16	103.196
<i>Subtotal Recurring</i>		14.235		14.520		14.810		14.810		0.000		103.196
B Kits												
Recurring												
EQUIPMENT Group B (Active)	2	10.400	2	10.608	2	10.820	2	10.820	0	0.000	16	122.894
<i>Subtotal Recurring</i>		10.400		10.608		10.820		10.820		0.000		122.894
NonRecurring												
EQUIP NONREC Group B (Active)	2	18.972	2	16.464	2	18.105	2	19.139	0	0.000	16	165.972
<i>Subtotal NonRecurring</i>		18.972		16.464		18.105		19.139		0.000		165.972
Secondary Distribution												
Air Force Active	2	45.414	2	43.435	2	45.614	2	46.686	-	-	-	-
<i>Total, COMPASS CALL</i>	2	43.607	2	41.592	2	43.735	2	44.769	0	0.000	16	392.062
<i>Total, All Modifications</i>		43.607		41.592		43.735		44.769		0.000		392.062
Support												
SIM/TRAINER	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	2	53.304
OTHER GOVT	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	9	36.000
OTHER GOVT (1)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	5	33.700
PMA	0	0.905	0	0.923	0	0.941	0	0.960	0	0.000	0	6.373
PMA - Contractor Services	0	0.902	0	0.920	0	0.938	0	0.957	0	0.000	0	7.098
<i>Total Support Cost</i>		1.807		1.843		1.879		1.917		0.000		136.475
<i>Procurement Cost (Procurement + Support)</i>		45.414		43.435		45.614		46.686		0.000		528.537
<i>Total Installation Cost</i>		10.464		10.673		10.866		10.866		0.000		77.123
Total Cost (Procurement + Support + Installation)		55.878		54.108		56.480		57.552		0.000		605.660

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 67 - COMPASS CALL Mods	Modification Nomenclature (Modification Title, Modification Number): COMPASS CALL - 1001

Models of Systems Affected: EC-130H/TC-130H	Type Modification: Capability Improvement	Related RDT&E PEs: 0207253F
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Remarks:

Manufacturer Information: COMPASS CALL

Manufacturer Name: Unknown	Manufacturer Location: Unknown
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	
Delivery Dates	Dec 2011	Dec 2012	Dec 2013	Dec 2014	Dec 2015	Dec 2016	

Installation: COMPASS CALL **Method of Implementation:** Depot **Installation Name:**

Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ 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	2.296	2	11.350	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	0	2.296	2	11.350	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	2	10.287	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	2	10.287	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	2	10.321	-	-	2	10.321
Secondary Distribution - Air Force Active	-	-	-	-	-	-	2	10.321	-	-	2	10.321
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	0	0.000	0	0.000	0	0.000	0	0.000	-	-	0	0.000
Secondary Distribution - Air Force Active	0	0.000	0	0.000	0	0.000	0	0.000	-	-	0	0.000
Total	0	2.296	2	11.350	2	10.287	2	10.321	-	-	2	10.321
Secondary Distribution - Air Force Active	0	2.296	2	11.350	2	10.287	2	10.321	-	-	2	10.321

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5		P-1 Line Item Nomenclature: 67 - COMPASS CALL Mods
		Modification Nomenclature (Modification Title, Modification Number): COMPASS CALL - 1001
Models of Systems Affected: EC-130H/TC-130H	Type Modification: Capability Improvement	Related RDT&E PEs: 0207253F

Installation: COMPASS CALL	Method of Implementation: Depot	Installation Name:
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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	2	13.646
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	0	0.000	2	10.287
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	0	0.000	2	10.321
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	2	10.464	-	-	-	-	-	-	0	0.000	2	10.464
Secondary Distribution - Air Force Active	2	10.464	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	2	10.673	-	-	-	-	0	0.000	2	10.673
Secondary Distribution - Air Force Active	-	-	2	10.673	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	2	10.866	-	-	0	0.000	2	10.866
Secondary Distribution - Air Force Active	-	-	-	-	2	10.866	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	2	10.866	0	0.000	2	10.866
Secondary Distribution - Air Force Active	-	-	-	-	-	-	2	10.866	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
Secondary Distribution - Air Force Active	0	0.000	0	0.000	0	0.000	0	0.000	-	-	-	-
Total	2	10.464	2	10.673	2	10.866	2	10.866	0	0.000	14	77.123
Secondary Distribution - Air Force Active	2	10.464	2	10.673	2	10.866	2	10.866	-	-	-	-

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	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	0	0	0	15
Out	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	15

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

Appropriation / Budget Activity / Budget Sub Activity:
3010F : Aircraft Procurement, Air Force / BA 5 : Modification of Inservice Aircraft / BSA 5 : Other Aircraft

P-1 Line Item Nomenclature:
68 - RC-135 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)	-	104.957	162.211	165.237	8.000	173.237	171.813	176.460	181.062	184.052	-	1,153.792
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	104.957	162.211	165.237	8.000	173.237	171.813	176.460	181.062	184.052	-	1,153.792
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	-	104.957	162.211	165.237	8.000	173.237	171.813	176.460	181.062	184.052	-	1,153.792

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

Description:

The USAF's Manned Reconnaissance Systems program includes seventeen RC-135 V/W RIVET JOINT, three (3) RC-135S COBRA BALL, and two (2) RC-135U COMBAT SENT mission aircraft. The RC-135V/W RIVET JOINT is the variant with the majority of the aircraft in this program element and as a result, drives the Baseline integration and modification upgrade strategy for the RC-135 fleet. Therefore, the majority of the modification budget is directly related to the RIVET JOINT weapon system baseline strategy which subsequently spills over in the baseline strategies for COBRA BALL and COMBAT SENT weapon systems.

An RC-135 Viability Assessment was conducted in 2007 and the results reported that despite their fleet average airframe age (44 years) and accumulated flight hours (38,000) as of the end of fiscal year 2007, the RC-135 should be able to continue to meet the user's needs by performing intended operations until at least the year 2040. Viability was assessed based on underlying analyses of reliability, maintainability, performance, corrosion, fatigue, architectural stability, safety and availability. The Viability Assessment also summarized that the RC-135 fleet has experienced significant improvements in reliability, maintainability and availability since FY 2001. The Program Manager attributes these improvements directly to the BIG SAFARI Baseline integration and modification upgrade strategy and the synergies gained with long standing relationships with the RC-135 industry partners.

This program has associated Research, Development, Test and Evaluation funding in PE 0305207F.

Item Schedule		ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
COBRA BALL - 2504	P3A		-	-	-	-	-	15.207	-	-	24.331	-	-	24.786	-	-	-	-	-	24.786
RIVET JOINT - 4263	P3A		-	-	-	-	-	79.836	-	-	127.784	-	-	130.183	-	-	8.000	-	-	138.183
COMBAT SENT - 4265	P3A		-	-	-	-	-	9.914	-	-	10.096	-	-	10.268	-	-	-	-	-	10.268

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

Appropriation / Budget Activity / Budget Sub Activity:
3010F : Aircraft Procurement, Air Force / BA 5 : Modification of Inservice Aircraft / BSA 5 : Other Aircraft

P-1 Line Item Nomenclature:
68 - RC-135 Mods

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 (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Total Gross/Weapon System Cost					-			104.957			162.211			165.237			8.000			173.237

Item Nomenclature*	Exhibits	ID CD	FY 2014			FY 2015			FY 2016			FY 2017			To Complete			Total		
			Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
COBRA BALL - 2504	P3A		-	-	25.819	-	-	26.509	-	-	27.211	-	-	27.655	-	-	-	-	-	171.518
RIVET JOINT - 4263	P3A		-	-	135.550	-	-	139.175	-	-	142.859	-	-	145.186	-	-	-	-	-	908.573
COMBAT SENT - 4265	P3A		-	-	10.444	-	-	10.776	-	-	10.992	-	-	11.211	-	-	-	-	-	73.701
Total Gross/Weapon System Cost					171.813			176.460			181.062			184.052			-			1,153.792

*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:
With the exception of modifications listed in the P-40A, justification for individual modifications is provided in the P-3A exhibits.

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 68 - RC-135 Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): COBRA BALL - 2504

Models of Systems Affected: RC-135S, TC-135W	Type Modification: Capability Improvement	Related RDT&E PEs: 0305207F
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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)	-	15.207	24.331	24.786	-	24.786	25.819	26.509	27.211	27.655	-	171.518
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	15.207	24.331	24.786	-	24.786	25.819	26.509	27.211	27.655	-	171.518
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	-	15.207	24.331	24.786	-	24.786	25.819	26.509	27.211	27.655	-	171.518

(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 Millions)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

Procures and installs various modifications for the RC-135S COBRA BALL aircraft fleet. Due to the rapidly changing threat environment encountered during our prolonged commitment to Overseas Contingency Operations (OCO), the acquisition program manager has the authority to redirect funding as necessary to meet current stated and emerging Combatant Commander requirements.

The RC-135S COBRA BALL program (DARP/Manned Reconnaissance Systems) is managed as an incremental baseline upgrade acquisition strategy in order to maintain relevancy to evolving and emerging adversarial threats such as the proliferation of networked communications for terrorists and/or insurgents world-wide. The BIG SAFARI Baseline Upgrade Strategy requires purchase agreements for long lead items that take approximately 12 months from contract award to delivery. Items contracted for purchase and integration in a given Baseline upgrade are bought in the first year of the procurement funding cycle and are installed in the next year. This acquisition strategy has been successful in maintaining critical combat capability in the ISR arena over the last 30+ years.

FY13 procurement funding initiatives will concentrate efforts on the COBRA BALL's Baseline 4, 4+, and 5. Baseline 4 and 4+ subsystem upgrades consist of, but not limited to, LN-120 navigation system, narrow band reachback (NABRE) connectivity, and integrating the RIVET JOINT Baseline 9/9.2 COMINT suite. Baseline 5 subsystem upgrades consist of, but not limited to, Wideband Global Satellite (WGS) reachback connectivity, intercom system replacement, and integrating the RIVET JOINT Baseline 11 COMINT suite.

This program has associated Research, Development, Test and Evaluation funding in PE 0305207F.

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Exhibit P-3A, Individual Modification: PB 2013 Air Force							Date: February 2012						
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5				P-1 Line Item Nomenclature: 68 - RC-135 Mods				Modification Nomenclature (<i>Modification Title, Modification Number</i>): COBRA BALL - 2504					
Models of Systems Affected: RC-135S, TC-135W			Type Modification: Capability Improvement				Related RDT&E PEs: 0305207F						

Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
COBRA BALL												
A Kits												
Recurring												
INSTALL KITS Group A (Active)	0	0.000	1	2.929	1	3.060	1	3.209	0	0.000	1	3.209
<i>Subtotal Recurring</i>		0.000		2.929		3.060		3.209		0.000		3.209
B Kits												
Recurring												
EQUIPMENT Group B (Active)	0	0.000	0	6.385	0	14.615	0	14.815	0	0.000	0	14.815
<i>Subtotal Recurring</i>		0.000		6.385		14.615		14.815		0.000		14.815
Secondary Distribution												
Air Force Active	0	0.000	1	15.207	1	17.675	1	18.024	0	0.000	1	18.024
<i>Total, COBRA BALL</i>	0	0.000	1	9.314	1	17.675	1	18.024	0	0.000	1	18.024
<i>Total, All Modifications</i>		0.000		9.314		17.675		18.024		0.000		18.024
Support												
SUPPORT- EQUIP												
<i>Total Support Cost</i>		0.000		5.893		0.000		0.000		0.000		0.000
<i>Procurement Cost (Procurement + Support)</i>												
		0.000		15.207		17.675		18.024		0.000		18.024
<i>Total Installation Cost</i>												
		0.000		0.000		6.656		6.762		0.000		6.762
Total Cost (Procurement + Support + Installation)												
		0.000		15.207		24.331		24.786		0.000		24.786

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												
COBRA BALL												
A Kits												
Recurring												
INSTALL KITS Group A (Active)	1	3.255	1	3.369	1	3.430	1	3.516	0	0.000	7	22.768
<i>Subtotal Recurring</i>		3.255		3.369		3.430		3.516		0.000		22.768

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5		P-1 Line Item Nomenclature: 68 - RC-135 Mods
Modification Nomenclature (Modification Title, Modification Number): COBRA BALL - 2504		

Models of Systems Affected: RC-135S, TC-135W	Type Modification: Capability Improvement	Related RDT&E PEs: 0305207F
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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												
EQUIPMENT Group B (Active)	0	15.692	0	16.143	0	16.658	0	16.423	0	0.000	0	100.731
<i>Subtotal Recurring</i>		15.692		16.143		16.658		16.423		0.000		100.731
Secondary Distribution												
Air Force Active	1	18.947	1	19.512	1	20.088	1	19.939	-	-	-	-
<i>Total, COBRA BALL</i>	1	18.947	1	19.512	1	20.088	1	19.939	0	0.000	7	123.499
<i>Total, All Modifications</i>		18.947		19.512		20.088		19.939		0.000		123.499
Support												
SUPPORT- EQUIP	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	5.893
<i>Total Support Cost</i>		0.000		0.000		0.000		0.000		0.000		5.893
<i>Procurement Cost (Procurement + Support)</i>		18.947		19.512		20.088		19.939		0.000		129.392
<i>Total Installation Cost</i>		6.872		6.997		7.123		7.716		0.000		42.126
Total Cost (Procurement + Support + Installation)		25.819		26.509		27.211		27.655		0.000		171.518

Remarks:

Manufacturer Information: COBRA BALL

Manufacturer Name: Unknown	Manufacturer Location: Unknown
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	Jan 2011	Jan 2012	Jan 2013	Jan 2014	Jan 2014	Jan 2015	Jan 2016
Delivery Dates	Jan 2012	Jan 2013	Jan 2014	Jan 2015	Jan 2015	Jan 2016	Jan 2017

Installation: COBRA BALL **Method of Implementation:** Depot Field Team **Installation Name:**

Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ 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	6.656	-	-	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 68 - RC-135 Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): COBRA BALL - 2504
Models of Systems Affected: RC-135S, TC-135W	Type Modification: Capability Improvement	Related RDT&E PEs: 0305207F

Installation: COBRA BALL	Method of Implementation: Depot Field Team	Installation Name:
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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)
Secondary Distribution - Air Force Active	-	-	-	-	1	6.656	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	1	6.762	-	-	1	6.762
Secondary Distribution - Air Force Active	-	-	-	-	-	-	1	6.762	-	-	1	6.762
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	0	0.000	0	0.000	-	-	0	0.000
Secondary Distribution - Air Force Active	-	-	-	-	0	0.000	0	0.000	-	-	0	0.000
Total	-	-	-	-	1	6.656	1	6.762	-	-	1	6.762
Secondary Distribution - Air Force Active	-	-	-	-	1	6.656	1	6.762	-	-	1	6.762

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	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	0	0.000	1	6.656
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	0	0.000	1	6.762
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	1	6.872	-	-	-	-	-	-	0	0.000	1	6.872
Secondary Distribution - Air Force Active	1	6.872	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	1	6.997	-	-	-	-	0	0.000	1	6.997
Secondary Distribution - Air Force Active	-	-	1	6.997	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	1	7.123	-	-	0	0.000	1	7.123

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 68 - RC-135 Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): COBRA BALL - 2504

Models of Systems Affected: RC-135S, TC-135W	Type Modification: Capability Improvement	Related RDT&E PEs: 0305207F
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Installation: COBRA BALL	Method of Implementation: Depot Field Team	Installation Name:
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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)
Secondary Distribution - Air Force Active	-	-	-	-	1	7.123	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	1	7.716	0	0.000	1	7.716
Secondary Distribution - Air Force Active	-	-	-	-	-	-	1	7.716	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
Secondary Distribution - Air Force Active	0	0.000	0	0.000	0	0.000	0	0.000	-	-	-	-
Total	1	6.872	1	6.997	1	7.123	1	7.716	0	0.000	6	42.126
Secondary Distribution - Air Force Active	1	6.872	1	6.997	1	7.123	1	7.716	-	-	-	-

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	1	0	0	0	1	0	0	0	1	0	0	0	1	0	0	0	1	0	0	0	1	0	0	0	1	0	0	0	7
Out	0	0	1	0	0	0	1	0	0	0	1	0	0	0	1	0	0	0	1	0	0	0	1	0	0	0	1	0	0	0	7

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Exhibit P-3A, Individual Modification: PB 2013 Air Force							Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5				P-1 Line Item Nomenclature: 68 - RC-135 Mods				Modification Nomenclature (<i>Modification Title, Modification Number</i>): RIVET JOINT - 4263				
Models of Systems Affected: RC-135V/W & TC-135W			Type Modification: Capability Improvement				Related RDT&E PEs: 0305207F					

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)	-	79.836	127.784	130.183	8.000	138.183	135.550	139.175	142.859	145.186	-	908.573
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	79.836	127.784	130.183	8.000	138.183	135.550	139.175	142.859	145.186	-	908.573
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	-	79.836	127.784	130.183	8.000	138.183	135.550	139.175	142.859	145.186	-	908.573

(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 Millions)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

FY13 Overseas Contingency Operations (OCO) request of \$8.0M is being submitted for RJ-XNET integration.

Procures and installs various modifications for RC-135V/W RIVET JOINT aircraft fleet. Due to the rapidly changing threat environment encountered during our prolonged commitment to OCO, the acquisition program manager has the authority to redirect funding as necessary to meet current stated and emerging Combatant Commander requirements.

The RC-135V/W RIVET JOINT program (DARP/Manned Reconnaissance Systems) is managed as an incremental baseline upgrade acquisition strategy in order to maintain relevancy to evolving and emerging adversarial threats such as the proliferation of networked communications for terrorists and/or insurgents world-wide. The BIG SAFARI Baseline Upgrade Strategy requires purchase agreements for long lead items that take approximately 12 months from contract award to delivery. Items contracted for purchase and integration in a given Baseline upgrade are bought in the first year of the procurement funding cycle and are installed in the next year. This acquisition strategy has been successful in maintaining critical combat capability in the ISR arena over the last 30+ years.

FY13 procurement funding initiatives will concentrate efforts on the RIVET JOINT's Baselines 10 and 11. Baseline 10 subsystem upgrades consist of, but not limited to, a more robust COMINT system, a precision ELINT upgrade (CORVUS for AEELS and DSS for CONDOR HAWK), theater networked geolocation capabilities (NCCT), global satellite communications (WGS, mid-baseline), cockpit avionic enhancements to comply with CNS/ATM and RNP requirements plus address any obsolescence issues, and weight reduction phase 2. Baseline 11 subsystem upgrades consist of, but not limited to, precision multi-angle DF COMINT capability, ELINT recorder expansion, WGS enhanced integration, continued CNS/ATM and RNP compliant cockpit avionics enhancements to include addressing any obsolescence issues, and weight reduction phase 3.

This program has associated Research, Development, Test and Evaluation funding in PE 0305207F.

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5		P-1 Line Item Nomenclature: 68 - RC-135 Mods
		Modification Nomenclature (<i>Modification Title, Modification Number</i>): RIVET JOINT - 4263
Models of Systems Affected: RC-135V/W & TC-135W	Type Modification: Capability Improvement	Related RDT&E PEs: 0305207F

Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
RIVET JOINT												
A Kits												
Recurring												
INSTALL KITS Group A (Active)	0	0.000	2	10.417	2	10.851	2	11.289	0	0.000	2	11.289
<i>Subtotal Recurring</i>		0.000		10.417		10.851		11.289		0.000		11.289
B Kits												
Recurring												
EQUIPMENT Group B (Active)	0	0.000	0	27.558	0	74.783	0	75.901	0	0.000	0	75.901
<i>Subtotal Recurring</i>		0.000		27.558		74.783		75.901		0.000		75.901
NonRecurring												
EQUIP NONREC Group B (Active)	0	0.000	0	0.000	0	0.000	0	0.000	0	8.000	0	8.000
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		8.000		8.000
Secondary Distribution												
Air Force Active	0	0.000	2	79.836	2	85.634	2	87.190	0	8.000	2	95.190
<i>Total, RIVET JOINT</i>	0	0.000	2	37.975	2	85.634	2	87.190	0	8.000	2	95.190
<i>Total, All Modifications</i>		0.000		37.975		85.634		87.190		8.000		95.190
Support												
SUPPORT- EQUIP	0	0.000	0	41.861	0	0.000	0	0.000	0	0.000	0	0.000
<i>Total Support Cost</i>		0.000		41.861		0.000		0.000		0.000		0.000
<i>Procurement Cost (Procurement + Support)</i>		0.000		79.836		85.634		87.190		8.000		95.190
<i>Total Installation Cost</i>		0.000		0.000		42.150		42.993		0.000		42.993
Total Cost (Procurement + Support + Installation)		0.000		79.836		127.784		130.183		8.000		138.183

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

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5		P-1 Line Item Nomenclature: 68 - RC-135 Mods
Models of Systems Affected: RC-135V/W & TC-135W		Type Modification: Capability Improvement
Related RDT&E PEs: 0305207F		
Modification Nomenclature (Modification Title, Modification Number): RIVET JOINT - 4263		

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (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												
INSTALL KITS Group A (Active)	2	11.745	2	12.209	2	12.512	2	12.712	0	0.000	14	81.735
<i>Subtotal Recurring</i>		11.745		12.209		12.512		12.712		0.000		81.735
B Kits												
Recurring												
EQUIPMENT Group B (Active)	0	79.952	0	82.236	0	84.746	0	86.178	0	0.000	0	511.354
<i>Subtotal Recurring</i>		79.952		82.236		84.746		86.178		0.000		511.354
NonRecurring												
EQUIP NONREC Group B (Active)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	8.000
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		8.000
Secondary Distribution												
Air Force Active	2	91.697	2	94.445	2	97.258	2	98.890	-	-	-	-
<i>Total, RIVET JOINT</i>	2	91.697	2	94.445	2	97.258	2	98.890	0	0.000	14	601.089
<i>Total, All Modifications</i>		91.697		94.445		97.258		98.890		0.000		601.089
Support												
SUPPORT- EQUIP	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	41.861
<i>Total Support Cost</i>		0.000		0.000		0.000		0.000		0.000		41.861
<i>Procurement Cost (Procurement + Support)</i>		91.697		94.445		97.258		98.890		0.000		642.950
<i>Total Installation Cost</i>		43.853		44.730		45.601		46.296		0.000		265.623
Total Cost (Procurement + Support + Installation)		135.550		139.175		142.859		145.186		0.000		908.573

Remarks:

Manufacturer Information: RIVET JOINT							
Manufacturer Name: Unknown				Manufacturer Location: Unknown			
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	Jan 2012	Jan 2013	Jan 2014	Jan 2015	Jan 2016	Jan 2017	Jan 2018

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5		P-1 Line Item Nomenclature: 68 - RC-135 Mods
Models of Systems Affected: RC-135V/W & TC-135W		Modification Nomenclature (Modification Title, Modification Number): RIVET JOINT - 4263
Type Modification: Capability Improvement		Related RDT&E PEs: 0305207F

Manufacturer Information: RIVET JOINT							
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Delivery Dates	Jan 2013	Jan 2014	Jan 2015	Jan 2016	Jan 2017	Jan 2018	Jan 2019

Installation: RIVET JOINT	Method of Implementation: Depot Field Team	Installation Name:
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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	42.150	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	2	42.150	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	2	42.993	-	-	2	42.993
Secondary Distribution - Air Force Active	-	-	-	-	-	-	2	42.993	-	-	2	42.993
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	0	0.000	0	0.000	-	-	0	0.000
Secondary Distribution - Air Force Active	-	-	-	-	0	0.000	0	0.000	-	-	0	0.000
Total	-	-	-	-	2	42.150	2	42.993	-	-	2	42.993
Secondary Distribution - Air Force Active	-	-	-	-	2	42.150	2	42.993	-	-	2	42.993

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ 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	0.000	2	42.150
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 68 - RC-135 Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): RIVET JOINT - 4263
Models of Systems Affected: RC-135V/W & TC-135W	Type Modification: Capability Improvement	Related RDT&E PEs: 0305207F

Installation: RIVET JOINT	Method of Implementation: Depot Field Team	Installation Name:
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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	0.000	2	42.993
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	2	43.853	-	-	-	-	-	-	0	0.000	2	43.853
Secondary Distribution - Air Force Active	2	43.853	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	2	44.730	-	-	-	-	0	0.000	2	44.730
Secondary Distribution - Air Force Active	-	-	2	44.730	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	2	45.601	-	-	0	0.000	2	45.601
Secondary Distribution - Air Force Active	-	-	-	-	2	45.601	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	2	46.296	0	0.000	2	46.296
Secondary Distribution - Air Force Active	-	-	-	-	-	-	2	46.296	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
Secondary Distribution - Air Force Active	0	0.000	0	0.000	0	0.000	0	0.000	-	-	-	-
Total	2	43.853	2	44.730	2	45.601	2	46.296	0	0.000	12	265.623
Secondary Distribution - Air Force Active	2	43.853	2	44.730	2	45.601	2	46.296	-	-	-	-

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	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	14	
Out	0	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	14	

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 68 - RC-135 Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): COMBAT SENT - 4265

Models of Systems Affected: RC-135U	Type Modification: Capability Improvement	Related RDT&E PEs: 0305207F
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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)	-	9.914	10.096	10.268	-	10.268	10.444	10.776	10.992	11.211	-	73.701
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	9.914	10.096	10.268	-	10.268	10.444	10.776	10.992	11.211	-	73.701
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	-	9.914	10.096	10.268	-	10.268	10.444	10.776	10.992	11.211	-	73.701

(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 Millions)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

Procures and installs various classified modifications for RC-135U COMBAT SENT aircraft fleet. Due to the rapidly changing threat environment and technological advances of our adversaries, the acquisition program manager has the authority to redirect funding as necessary to meet current stated and emerging Combatant Commander requirements.

The RC-135U COMBAT SENT program (DARP/Manned Reconnaissance Systems) is managed as an incremental baseline upgrade acquisition strategy in order to maintain relevancy to evolving and emerging adversarial threats such as the proliferation of networked communications for terrorists and/or insurgents world-wide. The BIG SAFARI Baseline Upgrade Strategy requires purchase agreements for long lead items that take approximately 12 months from contract award to delivery. Items contracted for purchase and integration in a given Baseline upgrade are bought in the first year of the procurement funding cycle and are installed in the next year. This acquisition strategy has been successful in maintaining critical combat capability in the ISR arena over the last 30+ years.

FY13 procurement funding initiatives will concentrate efforts on the COMBAT SENT's Baselines 4 and 5. Baseline 4 subsystem upgrades consist of, but not limited to, integration of the LN-120 navigation system, a new Radio Frequency Distribution (RFD) system with liquid cooling, precision ELINT systems replacement (CORVUS for AEELS and DSS for CONDOR HAWK), integration of the RIVET JOINT Baseline 9 COMINT suite, reachback connectivity and theater networked geolocation capabilities (NCCT) integration. Baseline 5 subsystem upgrades consist of, but are not limited to, Wideband Global Satellite (WGS) reachback connectivity, precision ELINT systems replacement, and integration of the RIVET JOINT Baseline 11 COMINT suite,

This program has associated Research, Development, Test and Evaluation funding in PE 0305207F.

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 68 - RC-135 Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): COMBAT SENT - 4265

Models of Systems Affected: RC-135U	Type Modification: Capability Improvement	Related RDT&E PEs: 0305207F
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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												
COMBAT SENT												
A Kits												
Recurring												
INSTALL KITS Group A (Active)	0	0.000	1	2.897	1	3.247	1	3.300	0	0.000	1	3.300
<i>Subtotal Recurring</i>		0.000		2.897		3.247		3.300		0.000		3.300
B Kits												
NonRecurring												
EQUIP NONREC Group B (Active)	0	0.000	0	1.974	0	1.784	0	1.849	0	0.000	0	1.849
<i>Subtotal NonRecurring</i>		0.000		1.974		1.784		1.849		0.000		1.849
Secondary Distribution												
Air Force Active	0	0.000	1	9.914	1	5.031	1	5.149	0	0.000	1	5.149
<i>Total, COMBAT SENT</i>	0	0.000	1	4.871	1	5.031	1	5.149	0	0.000	1	5.149
<i>Total, All Modifications</i>		0.000		4.871		5.031		5.149		0.000		5.149
Support												
SUPPORT- EQUIP	0	0.000	0	5.043	0	0.000	0	0.000	0	0.000	0	0.000
<i>Total Support Cost</i>		0.000		5.043		0.000		0.000		0.000		0.000
<i>Procurement Cost (Procurement + Support)</i>		0.000		9.914		5.031		5.149		0.000		5.149
<i>Total Installation Cost</i>		0.000		0.000		5.065		5.119		0.000		5.119
Total Cost (Procurement + Support + Installation)		0.000		9.914		10.096		10.268		0.000		10.268

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
COMBAT SENT												
A Kits												
Recurring												
INSTALL KITS Group A (Active)	1	3.323	1	3.377	1	3.449	1	3.501	0	0.000	7	23.094
<i>Subtotal Recurring</i>		3.323		3.377		3.449		3.501		0.000		23.094

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 68 - RC-135 Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): COMBAT SENT - 4265

Models of Systems Affected: RC-135U	Type Modification: Capability Improvement	Related RDT&E PEs: 0305207F
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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												
NonRecurring												
EQUIP NONREC Group B (Active)	0	2.045	0	2.196	0	2.262	0	2.358	0	0.000	0	14.468
<i>Subtotal NonRecurring</i>		2.045		2.196		2.262		2.358		0.000		14.468
Secondary Distribution												
Air Force Active	1	5.368	1	5.573	1	5.711	1	5.859	-	-	-	-
<i>Total, COMBAT SENT</i>	1	5.368	1	5.573	1	5.711	1	5.859	0	0.000	7	37.562
<i>Total, All Modifications</i>		5.368		5.573		5.711		5.859		0.000		37.562
Support												
SUPPORT- EQUIP	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	5.043
<i>Total Support Cost</i>		0.000		0.000		0.000		0.000		0.000		5.043
<i>Procurement Cost (Procurement + Support)</i>		5.368		5.573		5.711		5.859		0.000		42.605
<i>Total Installation Cost</i>		5.076		5.203		5.281		5.352		0.000		31.096
Total Cost (Procurement + Support + Installation)		10.444		10.776		10.992		11.211		0.000		73.701

Remarks:

Manufacturer Information: COMBAT SENT

Manufacturer Name: Unknown	Manufacturer Location: Unknown
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Administrative Leadtime (in Months): 3	Production Leadtime (in Months): 12
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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	Jan 2015	Jan 2016	Jan 2017
Delivery Dates	Jan 2012	Jan 2013	Jan 2014	Jan 2015	Jan 2016	Jan 2017	Jan 2018

Installation: COMBAT SENT	Method of Implementation: Depot Field Team	Installation Name:
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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	5.065	-	-	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 68 - RC-135 Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): COMBAT SENT - 4265
Models of Systems Affected: RC-135U	Type Modification: Capability Improvement	Related RDT&E PEs: 0305207F

Installation: COMBAT SENT	Method of Implementation: Depot Field Team	Installation Name:
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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)
Secondary Distribution - Air Force Active	-	-	-	-	1	5.065	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	1	5.119	-	-	1	5.119
Secondary Distribution - Air Force Active	-	-	-	-	-	-	1	5.119	-	-	1	5.119
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	0	0.000	0	0.000	-	-	0	0.000
Secondary Distribution - Air Force Active	-	-	-	-	0	0.000	0	0.000	-	-	0	0.000
Total	-	-	-	-	1	5.065	1	5.119	-	-	1	5.119
Secondary Distribution - Air Force Active	-	-	-	-	1	5.065	1	5.119	-	-	1	5.119

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ 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	0.000	1	5.065
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	0	0.000	1	5.119
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	1	5.076	-	-	-	-	-	-	0	0.000	1	5.076
Secondary Distribution - Air Force Active	1	5.076	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	1	5.203	-	-	-	-	0	0.000	1	5.203
Secondary Distribution - Air Force Active	-	-	1	5.203	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	1	5.281	-	-	0	0.000	1	5.281

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 68 - RC-135 Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): COMBAT SENT - 4265

Models of Systems Affected: RC-135U	Type Modification: Capability Improvement	Related RDT&E PEs: 0305207F
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Installation: COMBAT SENT	Method of Implementation: Depot Field Team	Installation Name:
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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)
Secondary Distribution - Air Force Active	-	-	-	-	1	5.281	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	1	5.352	0	0.000	1	5.352
Secondary Distribution - Air Force Active	-	-	-	-	-	-	1	5.352	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
Secondary Distribution - Air Force Active	0	0.000	0	0.000	0	0.000	0	0.000	-	-	-	-
Total	1	5.076	1	5.203	1	5.281	1	5.352	0	0.000	6	31.096
Secondary Distribution - Air Force Active	1	5.076	1	5.203	1	5.281	1	5.352	-	-	-	-

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	1	0	0	0	1	0	0	0	1	0	0	0	1	0	0	0	1	0	0	0	1	0	0	0	1	0	0	0	7
Out	0	0	1	0	0	0	1	0	0	0	1	0	0	0	1	0	0	0	1	0	0	0	1	0	0	0	1	0	0	0	7

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

Appropriation / Budget Activity / Budget Sub Activity:
3010F : Aircraft Procurement, Air Force / BA 5 : Modification of Inservice Aircraft / BSA 5 : Other Aircraft

P-1 Line Item Nomenclature:
69 - E-3 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)	400.725	194.006	135.031	193.099	-	193.099	213.910	193.105	277.615	297.267	213.522	2,118.280
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	400.725	194.006	135.031	193.099	-	193.099	213.910	193.105	277.615	297.267	213.522	2,118.280
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	400.725	194.006	135.031	193.099	-	193.099	213.910	193.105	277.615	297.267	213.522	2,118.280

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

Description:

Totals include funding for AWACS Upgrade (for the Block 40/45 Upgrade).

This line item funds modifications to the overall E-3 weapon system to include aircraft, simulators, and training devices. The four-engine E-3 is a modified Boeing 707 airframe which carries airborne radar and provides all-altitude air surveillance, threat warning, and control of theater air forces. The primary modification budgeted in FY13 is the Block 40/45 Upgrade. Other modifications budgeted and programmed are listed below.

There are a total of 31 operational aircraft in the inventory.

The E-3's (produced from 1971 to 1984) have a service life objective of 30,000 hours. The current fleet averages approximately 23,278 hours, 3227 pressurization cycles, and 7265 landing cycles (excluding aircraft #0008). The Air Force uses an Aircraft Structural Integrity Plan (ASIP) to monitor safety based on actual usage. Durability and Damage Tolerance Assessment (DADTA) studies should be complete by FY12 and will update the ASIP.

Item Schedule		ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
E-3 (See enclosed P-40A)	P40A				279.411			15.584			8.481			7.676			0.000			7.676
BLOCK 40/45 UPGRADE - 1	P3A		-	-	121.314	-	-	171.501	-	-	102.660	-	-	154.744	-	-	-	-	-	154.744
NEXT GENERATION IDENTIFICATION FRIEND OR FOE (IFF) - 7225	P3A		-	-	-	-	-	6.921	-	-	23.890	-	-	23.184	-	-	-	-	-	23.184

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

Appropriation / Budget Activity / Budget Sub Activity:
3010F : Aircraft Procurement, Air Force / BA 5 : Modification of Inservice Aircraft / BSA 5 : Other Aircraft

P-1 Line Item Nomenclature:
69 - E-3 Mods

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 (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
SOLID-STATE TRIGGER PULSE AMPLIFIER - 9715	P3A		-	-	-	-	-	-	-	-	-	-	-	7.495	-	-	-	-	-	7.495
Total Gross/Weapon System Cost				400.725			194.006			135.031			193.099			-				193.099

Item Nomenclature*	Exhibits	ID CD	FY 2014			FY 2015			FY 2016			FY 2017			To Complete			Total		
			Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
E-3 (See enclosed P-40A)	P40A				7.352			7.697			66.923			82.534			2.601			478.259
BLOCK 40/45 UPGRADE - 1	P3A		-	-	174.685	-	-	174.269	-	-	202.755	-	-	208.281	-	-	174.231	-	-	1,484.440
NEXT GENERATION IDENTIFICATION FRIEND OR FOE (IFF) - 7225	P3A		-	-	26.566	-	-	3.764	-	-	-	-	-	-	-	20.490	-	-	104.815	
SOLID-STATE TRIGGER PULSE AMPLIFIER - 9715	P3A		-	-	5.307	-	-	7.375	-	-	7.937	-	-	6.452	-	-	16.200	-	-	50.766
Total Gross/Weapon System Cost					213.910			193.105			277.615			297.267			213.522			2,118.280

*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:
With the exception of modifications listed in the P-40A, justification for individual modifications is provided in the P-3A exhibits.

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force															Date: February 2012				
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5					P-1 Line Item Nomenclature: 69 - E-3 Mods					Aggregated Item Name: E-3									
Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
(Uncategorized)																			
1 - TSI		-	0	1.675	-	0	2.754	-	0	2.940	-	0	2.983	-	0	0.000	-	0	2.983
<i>Secondary Distribution</i>																			
Air Force Active			0	1.675		0	2.754		0	2.940		0	2.983		0	0.000		0	2.983
2 - INTEGRATED DAMA GATM		-	32	129.784	-	0	0.273	-	0	0.284	-	0	0.000	-	0	0.000	-	0	0.000
<i>Secondary Distribution</i>																			
Air Force Active			32	129.784		0	0.273		0	0.284		0	0.000		0	0.000		0	0.000
3 - AETC MTD UPGRADES-FIELD TRAINING DETACHMENTS		-	0	2.448	-	0	2.468	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000
<i>Secondary Distribution</i>																			
Air Force Active			0	2.448		0	2.468		0	0.000		0	0.000		0	0.000		0	0.000
4 - RM&A MODS		-	613	145.504	-	50	10.089	-	10	5.257	-	9	3.689	-	0	0.000	-	9	3.689
<i>Secondary Distribution</i>																			
Air Force Active			613	145.504		50	10.089		10	5.257		9	3.689		0	0.000		9	3.689
5 - GATM Phase II		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.000		0	0.000		0	0.000
6 - VERTICAL STABILIZER AND RUDDER		-	0	0.000	-	0	0.000	-	0	0.000	-	6	0.804	-	0	0.000	-	6	0.804
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		6	0.804		0	0.000		6	0.804
7 - LOW COST MOD - AIRFRAME		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.100	-	0	0.000	-	0	0.100
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.100		0	0.000		0	0.100
8 - LOW COST MOD - AVIONICS & MISSION SYSTEMS		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.100	-	0	0.000	-	0	0.100
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.100		0	0.000		0	0.100
<i>Uncategorized Subtotal</i>				279.411			15.584			8.481			7.676			0.000			7.676
Total				279.411			15.584			8.481			7.676			0.000			7.676

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5 **P-1 Line Item Nomenclature:** 69 - E-3 Mods **Aggregated Item Name:** E-3

Items († indicates the presence of a P-5A)	ID CD	FY 2014			FY 2015			FY 2016			FY 2017			To Complete			Total		
		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
(Uncategorized)																			
1 - TSI		-	0	3.345	-	0	3.584	-	0	1.969	-	0	2.601	-	0	2.601	-	0	24.452
<i>Secondary Distribution</i>																			
Air Force Active			0	3.345		0	3.584		0	1.969		0	2.601						
2 - INTEGRATED DAMA GATM		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	32	130.341
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.000						
3 - AETC MTD UPGRADES-FIELD TRAINING DETACHMENTS		-	0	0.100	-	0	0.614	-	0	0.698	-	0	0.705	-	0	0.000	-	0	7.033
<i>Secondary Distribution</i>																			
Air Force Active			0	0.100		0	0.614		0	0.698		0	0.705						
4 - RM&A MODS		-	10	2.823	-	5	2.313	-	0	0.835	-	1	2.174	-	0	0.000	-	698	172.684
<i>Secondary Distribution</i>																			
Air Force Active			10	2.823		5	2.313		0	0.835		1	2.174						
5 - GATM Phase II		-	0	0.000	-	0	0.000	-	1	61.963	-	2	76.626	-	0	0.000	-	3	138.589
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		1	61.963		2	76.626						
6 - VERTICAL STABILIZER AND RUDDER		-	5	0.884	-	6	0.986	-	8	1.258	-	0	0.228	-	0	0.000	-	25	4.160
<i>Secondary Distribution</i>																			
Air Force Active			5	0.884		6	0.986		8	1.258		0	0.228						
7 - LOW COST MOD - AIRFRAME		-	0	0.100	-	0	0.100	-	0	0.100	-	0	0.100	-	0	0.000	-	0	0.500
<i>Secondary Distribution</i>																			
Air Force Active			0	0.100		0	0.100		0	0.100		0	0.100						
8 - LOW COST MOD - AVIONICS & MISSION SYSTEMS		-	0	0.100	-	0	0.100	-	0	0.100	-	0	0.100	-	0	0.000	-	0	0.500
<i>Secondary Distribution</i>																			
Air Force Active			0	0.100		0	0.100		0	0.100		0	0.100						
<i>Uncategorized Subtotal</i>				7.352			7.697			66.923			82.534			0.000			478.259
Total				7.352			7.697			66.923			82.534			2.601			478.259

Remarks:

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 69 - E-3 Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): BLOCK 40/45 UPGRADE - 1

Models of Systems Affected: E-3	Type Modification: Capability Improvement	Related RDT&E PEs: 0207417F
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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)	121.314	171.501	102.660	154.744	-	154.744	174.685	174.269	202.755	208.281	174.231	1,484.440
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	121.314	171.501	102.660	154.744	-	154.744	174.685	174.269	202.755	208.281	174.231	1,484.440
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	121.314	171.501	102.660	154.744	-	154.744	174.685	174.269	202.755	208.281	174.231	1,484.440

(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 Millions)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

AWACS Block 40/45 is tracked as Program Resources Collection Process (PRCP) Program Number, 277, AWACS Upgrade.

This modification upgrades numerous sensor and C2 systems to include the E-3 legacy mission systems computers, display processors and displays. Without this modification, the E-3's ability to fully support airspace control and Air Force battle management missions is severely restricted. The additional enhancements to the Mission Computing System of the AWACS provides an open computing architecture enabling rapid, low cost delivery of plug-and-play capability; data fusion (of both off-board and on-board sensor data) with Multi-Source Integration (MSI) for an improved picture of the battlespace and identification; Data Link Infrastructure (DLI) which supports a distributed system architecture and rapid changes to TADIL-J message formats and protocols; and improved electronic support measures processing.

The Block 40/45 program plans for multi-year advanced buys of Commercial Off The Shelf (COTS) equipment due to the short life-cycles in high tech components starting in FY13. The program will buy FY13, FY14, and FY15 COTS equipment in FY13; and buy FY16, FY17, and FY18 COTS equipment in FY16 including initial spares.

There are a total of 31 E-3 operational aircraft. The Low Rate Initial Production was approved for six aircraft in Nov 2008. The Block 40/45 Full Rate Production Decision is scheduled for late FY12 for the remaining 25 aircraft. The program's two key objective/threshold APB dates are: Initial Operational Capability for five 40/45 aircraft (Apr 14 - Oct 14) and Full Operational Capability (FOC) (Aug 20 - Feb 21).

This modification will also be installed on multiple simulators and trainers. The development of these trainer sets, the Mission Crew Training Set and Mission Computing Maintenance Trainer, began in FY11.

This modification has related RDT&E funding in PE 0207417F.

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Exhibit P-3A, Individual Modification: PB 2013 Air Force										Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5					P-1 Line Item Nomenclature: 69 - E-3 Mods					Modification Nomenclature (<i>Modification Title, Modification Number</i>): BLOCK 40/45 UPGRADE - 1			
Models of Systems Affected: E-3				Type Modification: Capability Improvement				Related RDT&E PEs: 0207417F					
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
RDT&E PE #													
0207417F	0	120.065	0	102.061	0	12.266	0	5.734	0	0.000	0	5.734	
Procurement													
BLOCK 40/45 UPGRADE													
A Kits													
Recurring													
INSTALL KITS Group A (Active)	3	37.461	3	27.526	0	0.000	5	45.006	0	0.000	5	45.006	
<i>Subtotal Recurring</i>		37.461		27.526		0.000		45.006		0.000		45.006	
NonRecurring													
KITS NONRECUR Group A (Active)	0	7.551	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	
<i>Subtotal NonRecurring</i>		7.551		0.000		0.000		0.000		0.000		0.000	
B Kits													
Recurring													
EQUIPMENT Group B (Active)	3	33.346	3	25.147	0	0.000	5	41.420	0	0.000	5	41.420	
<i>Subtotal Recurring</i>		33.346		25.147		0.000		41.420		0.000		41.420	
NonRecurring													
EQUIP NONREC Group B (Active)	0	7.363	0	22.567	0	16.126	0	7.997	0	0.000	0	7.997	
<i>Subtotal NonRecurring</i>		7.363		22.567		16.126		7.997		0.000		7.997	
Secondary Distribution													
Air Force Active	3	114.975	3	127.394	0	56.008	5	120.802	0	0.000	5	120.802	
<i>Total, BLOCK 40/45 UPGRADE</i>	3	85.721	3	75.240	0	16.126	5	94.423	0	0.000	5	94.423	
<i>Total, All Modifications</i>		85.721		75.240		16.126		94.423		0.000		94.423	
Support													
CHANGE ORDERS	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	
DATA	0	2.583	0	0.000	0	0.000	0	0.543	0	0.000	0	0.543	
SIM/TRAINER	0	2.540	0	1.769	0	1.280	0	0.924	0	0.000	0	0.924	
SUPPORT- EQUIP	0	12.750	0	15.378	0	14.235	0	2.886	0	0.000	0	2.886	
ICS-Labor	0	0.000	0	12.900	0	0.000	0	15.500	0	0.000	0	15.500	
OTHER GOVT	0	4.917	0	1.011	0	11.376	0	0.582	0	0.000	0	0.582	

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 69 - E-3 Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): BLOCK 40/45 UPGRADE - 1

Models of Systems Affected: E-3	Type Modification: Capability Improvement	Related RDT&E PEs: 0207417F
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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)
GFE	0	0.311	0	0.500	0	0.550	0	0.443	0	0.000	0	0.443
PMA	0	6.153	0	5.680	0	2.196	0	1.711	0	0.000	0	1.711
PMA - Contractor Services	0	0.000	0	0.000	0	8.131	0	3.790	0	0.000	0	3.790
FLIGHT TEST	0	0.000	0	14.916	0	2.114	0	0.000	0	0.000	0	0.000
<i>Total Support Cost</i>		29.254		52.154		39.882		26.379		0.000		26.379
<i>Procurement Cost (Procurement + Support)</i>		114.975		127.394		56.008		120.802		0.000		120.802
<i>Total Installation Cost</i>		6.339		44.107		46.652		33.942		0.000		33.942
Total Cost (Procurement + Support + Installation)		121.314		171.501		102.660		154.744		0.000		154.744

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
RDT&E PE #												
0207417F	0	13.935	0	0.000	0	0.000	0	0.000	0	0.000	0	254.061
Procurement												
BLOCK 40/45 UPGRADE												
A Kits												
Recurring												
INSTALL KITS Group A (Active)	4	39.656	4	39.057	5	47.547	5	52.419	2	20.666	31	309.338
<i>Subtotal Recurring</i>		39.656		39.057		47.547		52.419		20.666		309.338
NonRecurring												
KITS NONRECUR Group A (Active)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	7.551
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		7.551
B Kits												
Recurring												
EQUIPMENT Group B (Active)	4	31.967	4	30.271	5	48.212	5	42.782	2	11.125	31	264.270
<i>Subtotal Recurring</i>		31.967		30.271		48.212		42.782		11.125		264.270
NonRecurring												
EQUIP NONREC Group B (Active)	0	10.857	0	10.043	0	29.295	0	30.115	0	25.000	0	159.363
<i>Subtotal NonRecurring</i>		10.857		10.043		29.295		30.115		25.000		159.363

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 69 - E-3 Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): BLOCK 40/45 UPGRADE - 1

Models of Systems Affected: E-3	Type Modification: Capability Improvement	Related RDT&E PEs: 0207417F
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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)
Secondary Distribution												
Air Force Active	4	120.920	4	122.174	5	157.942	5	158.394	-	-	-	-
<i>Total, BLOCK 40/45 UPGRADE</i>	4	82.480	4	79.371	5	125.054	5	125.316	2	56.791	31	740.522
<i>Total, All Modifications</i>		82.480		79.371		125.054		125.316		56.791		740.522
Support												
CHANGE ORDERS	0	4.408	0	2.541	0	6.399	0	7.682	0	11.735	0	32.765
DATA	0	0.543	0	0.552	0	0.563	0	0.571	0	0.581	0	5.936
SIM/TRAINER	1	8.743	1	9.312	1	9.610	1	10.736	0	0.750	4	45.664
SUPPORT- EQUIP	0	2.288	0	2.327	0	3.630	0	2.960	0	1.875	0	58.329
ICS-Labor	0	14.900	0	19.260	0	4.434	0	4.346	0	2.857	0	74.197
OTHER GOVT	0	1.797	0	4.665	0	5.185	0	3.737	0	4.696	0	37.966
GFE	0	0.451	0	0.460	0	0.577	0	0.556	0	0.460	0	4.308
PMA	0	1.708	0	1.919	0	1.521	0	1.449	0	0.000	0	22.337
PMA - Contractor Services	0	3.602	0	1.767	0	0.969	0	1.041	0	4.540	0	23.840
FLIGHT TEST	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	17.030
<i>Total Support Cost</i>		38.440		42.803		32.888		33.078		27.494		322.372
<i>Procurement Cost (Procurement + Support)</i>		120.920		122.174		157.942		158.394		84.285		1,062.894
<i>Total Installation Cost</i>		53.765		52.095		44.813		49.887		89.946		421.546
Total Cost (Procurement + Support + Installation)		174.685		174.269		202.755		208.281		174.231		1,484.440

Remarks:

Manufacturer Information: BLOCK 40/45 UPGRADE

Manufacturer Name: Unknown				Manufacturer Location: Unknown			
Administrative Leadtime (in Months): 3				Production Leadtime (in Months): 18			

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

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 69 - E-3 Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): BLOCK 40/45 UPGRADE - 1
Models of Systems Affected: E-3	Type Modification: Capability Improvement	Related RDT&E PEs: 0207417F

Installation: BLOCK 40/45 UPGRADE	Method of Implementation: Depot	Installation Name:
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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	6.339	2	44.107	1	23.652	-	-	-	-	-	-
Secondary Distribution - Air Force Active	0	6.339	2	44.107	1	23.652	-	-	-	-	-	-
FY 2011	-	-	-	-	1	23.000	2	33.942	-	-	2	33.942
Secondary Distribution - Air Force Active	-	-	-	-	1	23.000	2	33.942	-	-	2	33.942
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	0	0.000	0	0.000	0	0.000	0	0.000	-	-	0	0.000
Secondary Distribution - Air Force Active	0	0.000	0	0.000	0	0.000	0	0.000	-	-	0	0.000
Total	0	6.339	2	44.107	2	46.652	2	33.942	-	-	2	33.942
Secondary Distribution - Air Force Active	0	6.339	2	44.107	2	46.652	2	33.942	-	-	2	33.942

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ 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	3	74.098
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	0	0.000	3	56.942
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	4	53.765	1	8.000	-	-	-	-	0	0.000	5	61.765
Secondary Distribution - Air Force Active	4	53.765	1	8.000	-	-	-	-	-	-	-	-
FY 2014	-	-	4	44.095	-	-	-	-	0	0.000	4	44.095

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5		P-1 Line Item Nomenclature: 69 - E-3 Mods
		Modification Nomenclature (<i>Modification Title, Modification Number</i>): BLOCK 40/45 UPGRADE - 1
Models of Systems Affected: E-3	Type Modification: Capability Improvement	Related RDT&E PEs: 0207417F

Installation: BLOCK 40/45 UPGRADE	Method of Implementation: Depot	Installation Name:
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	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Installation Cost													
Secondary Distribution - Air Force Active	-	-	4	44.095	-	-	-	-	-	-	-	-	
FY 2015													
Secondary Distribution - Air Force Active	-	-	-	-	4	44.813	-	-	-	0	0.000	4	44.813
FY 2016													
Secondary Distribution - Air Force Active	-	-	-	-	-	-	5	49.887	-	0	0.000	5	49.887
FY 2017													
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	5	52.231	5	52.231
To Complete	0	0.000	0	0.000	0	0.000	0	0.000	2	37.715	2	37.715	
Secondary Distribution - Air Force Active	0	0.000	0	0.000	0	0.000	0	0.000	-	-	-	-	
Total	4	53.765	5	52.095	4	44.813	5	49.887	7	89.946	31	421.546	
Secondary Distribution - Air Force Active	4	53.765	5	52.095	4	44.813	5	49.887	-	-	-	-	

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	1	0	1	0	0	1	0	1	0	1	0	1	0	0	0	2	2	0	0	2	3	0	1	2	1	0	1	2	2	7	31	
Out	0	0	0	0	1	0	1	0	0	1	0	1	1	1	0	0	1	0	1	0	2	1	1	0	3	1	1	1	1	1	2	11	31

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 69 - E-3 Mods	Modification Nomenclature <i>(Modification Title, Modification Number):</i> NEXT GENERATION IDENTIFICATION FRIEND OR FOE (IFF) - 7225

Models of Systems Affected: E-3	Type Modification: Capability Improvement	Related RDT&E PEs: 0207417F
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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)	-	6.921	23.890	23.184	-	23.184	26.566	3.764	-	-	20.490	104.815
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	6.921	23.890	23.184	-	23.184	26.566	3.764	-	-	20.490	104.815
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	-	6.921	23.890	23.184	-	23.184	26.566	3.764	-	-	20.490	104.815

(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 Millions)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The Next Generation Identification Friend or Foe (NGIFF) program funds acquisition and retrofit of the E-3 AWACS IFF capability. NSA declared IFF Mode 4 unsecure and obsolete on 5 Nov 2003. Joint Requirements Oversight Council Memo 047-07 requires IFF Mode 5 interrogation capability by FY14.

The NGIFF program provides AWACS with enhanced IFF interrogator operation to add a more secure Mode 5 capability. This program develops and integrates a basic Mode 5 capability on Block 30/35 which started in FY08 and full Mode 5 on Block 40/45 which started in FY11. Hardware will be common between the two platforms, allowing production contract to begin in FY12 after development of the 30/35 capability. Block 30/35 installation starts in FY14. Funding through FY15 covers 20 Operational aircraft kit buys, and installs are done at the Organizational/Intermediate level.

This modification has related RDT&E funding in PE 0207417F.

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Exhibit P-3A, Individual Modification: PB 2013 Air Force								Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5				P-1 Line Item Nomenclature: 69 - E-3 Mods				Modification Nomenclature (<i>Modification Title, Modification Number</i>): NEXT GENERATION IDENTIFICATION FRIEND OR FOE (IFF) - 7225					
Models of Systems Affected: E-3			Type Modification: Capability Improvement					Related RDT&E PEs: 0207417F					
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
RDT&E PE #													
0207417F	0	39.148	0	10.737	0	23.804	0	8.038	0	0.000	0	8.038	
Procurement													
NEXT GENERATION IDENTIFICATION FRIEND OR FOE (IFF)													
A Kits													
Recurring													
INSTALL KITS Group A (Active)	0	0.000	0	0.000	4	0.348	7	0.618	0	0.000	7	0.618	
INSTALL KITS Group A (Guard)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	
INSTALL KITS Group A (Reserve)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	
<i>Subtotal Recurring</i>		<i>0.000</i>		<i>0.000</i>		<i>0.348</i>		<i>0.618</i>		<i>0.000</i>		<i>0.618</i>	
B Kits													
Recurring													
EQUIPMENT Group B (Active)	0	0.000	0	0.000	4	10.576	7	16.998	0	0.000	7	16.998	
<i>Subtotal Recurring</i>		<i>0.000</i>		<i>0.000</i>		<i>10.576</i>		<i>16.998</i>		<i>0.000</i>		<i>16.998</i>	
NonRecurring													
EQUIP NONREC Group B (Active)	0	0.000	0	6.921	0	0.642	0	1.142	0	0.000	0	1.142	
<i>Subtotal NonRecurring</i>		<i>0.000</i>		<i>6.921</i>		<i>0.642</i>		<i>1.142</i>		<i>0.000</i>		<i>1.142</i>	
Secondary Distribution													
Air Force Active	0	0.000	0	6.921	4	23.890	7	23.184	0	0.000	7	23.184	
Air National Guard	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	
Air Force Reserve	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	
<i>Total, NEXT GENERATION IDENTIFICATION FRIEND OR FOE (IFF)</i>	<i>0</i>	<i>0.000</i>	<i>0</i>	<i>6.921</i>	<i>4</i>	<i>11.566</i>	<i>7</i>	<i>18.758</i>	<i>0</i>	<i>0.000</i>	<i>7</i>	<i>18.758</i>	
<i>Total, All Modifications</i>		<i>0.000</i>		<i>6.921</i>		<i>11.566</i>		<i>18.758</i>		<i>0.000</i>		<i>18.758</i>	
Support													
CHANGE ORDERS	0	0.000	0	0.000	0	2.348	0	2.935	0	0.000	0	2.935	
DATA	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	
SUPPORT- EQUIP	0	0.000	0	0.000	0	8.880	0	0.000	0	0.000	0	0.000	
ICS-Labor	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 69 - E-3 Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): NEXT GENERATION IDENTIFICATION FRIEND OR FOE (IFF) - 7225

Models of Systems Affected: E-3	Type Modification: Capability Improvement	Related RDT&E PEs: 0207417F
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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)
PMA - Gov't Costs	0	0.000	0	0.000	0	0.075	0	0.150	0	0.000	0	0.150
PMA - Contractor Services	0	0.000	0	0.000	0	1.021	0	1.141	0	0.000	0	1.141
PMA	0	0.000	0	0.000	0	0.000	0	0.200	0	0.000	0	0.200
<i>Total Support Cost</i>		<i>0.000</i>		<i>0.000</i>		<i>12.324</i>		<i>4.426</i>		<i>0.000</i>		<i>4.426</i>
<i>Procurement Cost (Procurement + Support)</i>		<i>0.000</i>		<i>6.921</i>		<i>23.890</i>		<i>23.184</i>		<i>0.000</i>		<i>23.184</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>0.000</i>
Total Cost (Procurement + Support + Installation)		0.000		6.921		23.890		23.184		0.000		23.184

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
RDT&E PE #												
0207417F	0	20.000	0	9.292	0	0.000	0	0.000	0	0.000	0	111.019
Procurement												
NEXT GENERATION IDENTIFICATION FRIEND OR FOE (IFF)												
A Kits												
Recurring												
INSTALL KITS Group A (Active)	8	0.719	1	0.091	0	0.000	0	0.000	11	1.001	31	2.777
INSTALL KITS Group A (Guard)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
INSTALL KITS Group A (Reserve)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
<i>Subtotal Recurring</i>		<i>0.719</i>		<i>0.091</i>		<i>0.000</i>		<i>0.000</i>		<i>1.001</i>		<i>2.777</i>
B Kits												
Recurring												
EQUIPMENT Group B (Active)	8	18.872	1	2.264	0	0.000	0	0.000	11	17.199	31	65.909
<i>Subtotal Recurring</i>		<i>18.872</i>		<i>2.264</i>		<i>0.000</i>		<i>0.000</i>		<i>17.199</i>		<i>65.909</i>
NonRecurring												
EQUIP NONREC Group B (Active)	0	1.328	0	0.582	0	0.000	0	0.000	0	1.459	0	12.074
<i>Subtotal NonRecurring</i>		<i>1.328</i>		<i>0.582</i>		<i>0.000</i>		<i>0.000</i>		<i>1.459</i>		<i>12.074</i>
Secondary Distribution												

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 69 - E-3 Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): NEXT GENERATION IDENTIFICATION FRIEND OR FOE (IFF) - 7225

Models of Systems Affected: E-3	Type Modification: Capability Improvement	Related RDT&E PEs: 0207417F
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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)
Air Force Active	8	26.566	1	3.764	0	0.000	0	0.000	-	-	-	-
Air National Guard	0	0.000	0	0.000	0	0.000	0	0.000	-	-	-	-
Air Force Reserve	0	0.000	0	0.000	0	0.000	0	0.000	-	-	-	-
<i>Total, NEXT GENERATION IDENTIFICATION FRIEND OR FOE (IFF)</i>	8	20.919	1	2.937	0	0.000	0	0.000	11	19.659	31	80.760
<i>Total, All Modifications</i>		20.919		2.937		0.000		0.000		19.659		80.760
Support												
CHANGE ORDERS	0	2.361	0	0.304	0	0.000	0	0.000	0	0.431	0	8.379
DATA	0	0.712	0	0.000	0	0.000	0	0.000	0	0.000	0	0.712
SUPPORT- EQUIP	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	8.880
ICS-Labor	0	1.300	0	0.300	0	0.000	0	0.000	0	0.400	0	2.000
PMA - Gov't Costs	0	0.100	0	0.020	0	0.000	0	0.000	0	0.000	0	0.345
PMA - Contractor Services	0	0.787	0	0.120	0	0.000	0	0.000	0	0.000	0	3.069
PMA	0	0.387	0	0.083	0	0.000	0	0.000	0	0.000	0	0.670
<i>Total Support Cost</i>		5.647		0.827		0.000		0.000		0.831		24.055
<i>Procurement Cost (Procurement + Support)</i>		26.566		3.764		0.000		0.000		20.490		104.815
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		26.566		3.764		0.000		0.000		20.490		104.815

Remarks:

Manufacturer Information: NEXT GENERATION IDENTIFICATION FRIEND OR FOE (IFF)

Manufacturer Name: Unknown Manufacturer Location: Unknown

Administrative Leadtime (in Months): 3 Production Leadtime (in Months): 18

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

Installation: NEXT GENERATION IDENTIFICATION FRIEND OR FOE (IFF)	Method of Implementation: Org/Intermediate	Installation Quantity: 0
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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 69 - E-3 Mods	Modification Nomenclature <i>(Modification Title, Modification Number):</i> SOLID-STATE TRIGGER PULSE AMPLIFIER - 9715

Models of Systems Affected: E-3	Type Modification: Reliability & Maintainability	Related RDT&E PEs: 0207417F
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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)	-	-	-	7.495	-	7.495	5.307	7.375	7.937	6.452	16.200	50.766
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	-	-	7.495	-	7.495	5.307	7.375	7.937	6.452	16.200	50.766
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	-	-	-	7.495	-	7.495	5.307	7.375	7.937	6.452	16.200	50.766

(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 Millions)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

Solid State Trigger Pulse Amplifier (SSTPA) is a key component in the E-3 surveillance radar by providing second stage amplification to the E-3 Surveillance Radar System. There are two SSTPA units per aircraft kit. The SSTPA replaces the current analog unit, which has 12 obsolete components limiting repair and overhaul. The current analog Trigger Pulse Amplifier has a Mean Time Between Failure (MTBF) of 600 hours; the SSTPA is projected to increase the MTBF to 9450 hours. The SSTPA configuration also reduces the use of SF-6, an environmentally hazardous greenhouse gas. The SSTPA configuration will result in less frequent repairs, mitigate the DMS issues with the current analog system, and improve the overall quality of power supplied to the radar.

Prior to FY13, the SSTPA effort had been funded in RM&A Mods (MN9707). FY12 RM&A funds are projected to purchase two SSTPA kits.

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Exhibit P-3A, Individual Modification: PB 2013 Air Force										Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5					P-1 Line Item Nomenclature: 69 - E-3 Mods					Modification Nomenclature (Modification Title, Modification Number): SOLID-STATE TRIGGER PULSE AMPLIFIER - 9715			
Models of Systems Affected: E-3				Type Modification: Reliability & Maintainability				Related RDT&E PEs: 0207417F					
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
SOLID-STATE TRIGGER PULSE AMPLIFIER													
A Kits													
Recurring													
INSTALL KITS Group A (Active)													
	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	
<i>Subtotal Recurring</i>			0.000		0.000		0.000		0.000		0.000	0.000	
B Kits													
Recurring													
EQUIPMENT Group B (Active)													
	0	0.000	0	0.000	0	0.000	3	4.350	0	0.000	3	4.350	
<i>Subtotal Recurring</i>			0.000		0.000		0.000	4.350		0.000		4.350	
Secondary Distribution													
Air Force Active													
	0	0.000	0	0.000	0	0.000	3	7.495	0	0.000	3	7.495	
<i>Total, SOLID-STATE TRIGGER PULSE AMPLIFIER</i>		0	0.000	0	0.000	0	0.000	3	4.350	0	0.000	3	4.350
<i>Total, All Modifications</i>			0.000		0.000		0.000	4.350		0.000		4.350	
Support													
CHANGE ORDERS													
	0	0.000	0	0.000	0	0.000	0	0.044	0	0.000	0	0.044	
DATA													
	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	
SIM/TRAINER													
	0	0.000	0	0.000	0	0.000	2	3.007	0	0.000	2	3.007	
PMA													
	0	0.000	0	0.000	0	0.000	0	0.094	0	0.000	0	0.094	
<i>Total Support Cost</i>			0.000		0.000		0.000	3.145		0.000		3.145	
<i>Procurement Cost (Procurement + Support)</i>			0.000		0.000		0.000	7.495		0.000		7.495	
<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	7.495		0.000		7.495	
Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
SOLID-STATE TRIGGER PULSE AMPLIFIER													

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 69 - E-3 Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): SOLID-STATE TRIGGER PULSE AMPLIFIER - 9715

Models of Systems Affected: E-3	Type Modification: Reliability & Maintainability	Related RDT&E PEs: 0207417F
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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												
INSTALL KITS Group A (Active)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		0.000
B Kits												
Recurring												
EQUIPMENT Group B (Active)	2	3.400	3	5.670	3	6.183	3	6.450	9	15.714	23	41.767
<i>Subtotal Recurring</i>		3.400		5.670		6.183		6.450		15.714		41.767
Secondary Distribution												
Air Force Active	2	5.307	3	7.375	3	7.937	3	6.452	-	-	-	-
<i>Total, SOLID-STATE TRIGGER PULSE AMPLIFIER</i>	2	3.400	3	5.670	3	6.183	3	6.450	9	15.714	23	41.767
<i>Total, All Modifications</i>		3.400		5.670		6.183		6.450		15.714		41.767
Support												
CHANGE ORDERS	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.044
DATA	0	0.057	0	0.000	0	0.000	0	0.000	0	0.000	0	0.057
SIM/TRAINER	1	1.777	1	1.649	1	1.698	0	0.000	0	0.000	5	8.131
PMA	0	0.073	0	0.056	0	0.056	0	0.002	0	0.486	0	0.767
<i>Total Support Cost</i>		1.907		1.705		1.754		0.002		0.486		8.999
<i>Procurement Cost (Procurement + Support)</i>		5.307		7.375		7.937		6.452		16.200		50.766
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		5.307		7.375		7.937		6.452		16.200		50.766

Remarks:

Manufacturer Information: SOLID-STATE TRIGGER PULSE AMPLIFIER	
Manufacturer Name: Northrop Grumman Systems Corp.	Manufacturer Location: Linthicum Heights Maryland
Administrative Leadtime (in Months): 3	Production Leadtime (in Months): 14

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

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Exhibit P-3A, Individual Modification: PB 2013 Air Force						Date: February 2012	
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5			P-1 Line Item Nomenclature: 69 - E-3 Mods			Modification Nomenclature <i>(Modification Title, Modification Number):</i> SOLID-STATE TRIGGER PULSE AMPLIFIER - 9715	
Models of Systems Affected: E-3			Type Modification: Reliability & Maintainability			Related RDT&E PEs: 0207417F	
Manufacturer Information: SOLID-STATE TRIGGER PULSE AMPLIFIER							
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Delivery Dates			Aug 2014	Aug 2015	Aug 2016	Aug 2017	Aug 2018
Installation: SOLID-STATE TRIGGER PULSE AMPLIFIER			Method of Implementation: Org/Intermediate			Installation Quantity: 0	

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

Appropriation / Budget Activity / Budget Sub Activity:
3010F : Aircraft Procurement, Air Force / BA 5 : Modification of Inservice Aircraft / BSA 5 : Other Aircraft

P-1 Line Item Nomenclature:
70 - E-4 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)	118.891	43.881	57.829	47.616	-	47.616	19.304	16.768	20.476	20.820	2.500	348.085
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	118.891	43.881	57.829	47.616	-	47.616	19.304	16.768	20.476	20.820	2.500	348.085
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	118.891	43.881	57.829	47.616	-	47.616	19.304	16.768	20.476	20.820	2.500	348.085
<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 Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

This line item funds modifications to the E-4B aircraft. The four engine E-4B is a highly modified Boeing 747-200 airframe used in support of the mission of the National Airborne Operations Center (NAOC). NAOC supports the national decision makers and the Joint Chiefs of Staff as a worldwide survivable and enduring node of the National Military Command System. There are four E-4B aircraft. The modifications listed herein serve to provide both updates to maintain FAA airframe flight worthiness certification, provide additional capabilities to the aircraft flight control, navigation and communication systems, and to the primary mission equipment to ensure the E-4B is able to execute its various missions. These modifications are also budgeted to enhance operational capability while improving flight safety, reliability, and maintainability. The current Boeing estimated design service life of the Boeing 747-200 E-4B airframe is 115K hours and 30K cycles. This limit is estimated to be reached during 2039. However, maintenance issues leading to extended depot periods is expected to limit the ability of E-4B fleet to support the NAOC mission due to aircraft non-availability as depot period are extended to accommodate aircraft age related work. The maintenance limiting point is expected likely occur during the decade beginning 2020. The age of the four E-4B aircraft fleet presents Diminishing Manufacturing Sources (DMS) issues involving primary mission equipment and to a lesser extent the airframe. Airframe DMS and availability of FAA certified parts issues are expected to grow as the world-wide population of Boeing 747 Model 200 (747-200) aircraft dwindles. Some of the funding requested will be used to address these DMS issues.

The Nuclear Planning and Execution System (NPES), (PE 0101316F) is associated with the E-4B NAOC program. This program has associated Research, Development, Test and Evaluation funding in PE 0302015F.

Item Schedule		ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
E-4 (See enclosed P-40A)	P40A				113.871			43.083			38.040			13.431			0.000			13.431
Secure Data Crypto - 3450	P3A				-			-			-			4.166			-			4.166
SHF Modernization - 1	P3A				-			0.200			2.065			6.000			-			6.000
AIU Modernization - 4407	P3A				-			-			16.200			13.500			-			13.500

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

Appropriation / Budget Activity / Budget Sub Activity:
3010F : Aircraft Procurement, Air Force / BA 5 : Modification of Inservice Aircraft / BSA 5 : Other Aircraft

P-1 Line Item Nomenclature:
70 - E-4 Mods

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 (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
CNS/ATM - 2	P3A		-	-	-	-	-	-	-	-	0.000	-	-	5.075	-	-	-	-	-	5.075
SERVICE BULLETINS - 3	P3A		-	-	5.020	-	-	0.598	-	-	1.524	-	-	5.444	-	-	-	-	-	5.444
Total Gross/Weapon System Cost					118.891			43.881			57.829			47.616			-			47.616

		ID CD	FY 2014			FY 2015			FY 2016			FY 2017			To Complete			Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
E-4 (See enclosed P-40A)	P40A				6.347			6.111			13.477			13.764			2.500			250.624
Secure Data Crypto - 3450	P3A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.166
SHF Modernization - 1	P3A		-	-	2.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10.265
AIU Modernization - 4407	P3A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	29.700
CNS/ATM - 2	P3A		-	-	5.300	-	-	5.220	-	-	-	-	-	-	-	-	-	-	-	15.595
SERVICE BULLETINS - 3	P3A		-	-	5.657	-	-	5.437	-	-	6.999	-	-	7.056	-	-	-	-	-	37.735
Total Gross/Weapon System Cost					19.304			16.768			20.476			20.820			2.500			348.085

*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:
With the exception of modifications listed in the P-40A, justification for individual modifications is provided in the P-3A exhibits.

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5 **P-1 Line Item Nomenclature:** 70 - E-4 Mods **Aggregated Item Name:** E-4

Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
(Uncategorized)																			
1 - NPES (NC2AIS) E-4B		-	0	0.662	-	0	0.655	-	0	0.663	-	0	0.675	-	0	0.000	-	0	0.675
<i>Secondary Distribution</i>																			
Air Force Active			0	0.662		0	0.655		0	0.663		0	0.675		0	0.000		0	0.675
2 - Message Processing System (MPS)		-	1	7.762	-	0	4.629	-	3	18.000	-	0	2.560	-	0	0.000	-	0	2.560
<i>Secondary Distribution</i>																			
Air Force Active			1	7.762		0	4.629		3	18.000		0	2.560		0	0.000		0	2.560
3 - C-3 UHF DIGITIZATION		-	2	10.862	-	2	0.006	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000
<i>Secondary Distribution</i>																			
Air Force Active			2	10.862		2	0.006		0	0.000		0	0.000		0	0.000		0	0.000
4 - E-4B KG-3X MODERNIZATION		-	2	1.129	-	2	0.223	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000
<i>Secondary Distribution</i>																			
Air Force Active			2	1.129		2	0.223		0	0.000		0	0.000		0	0.000		0	0.000
5 - SHF MUX UPGRADE		-	0	0.000	-	0	0.000	-	2	0.396	-	0	1.400	-	0	0.000	-	0	1.400
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		2	0.396		0	1.400		0	0.000		0	1.400
6 - STU III Replacement		-	4	12.082	-	1	1.700	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000
<i>Secondary Distribution</i>																			
Air Force Active			4	12.082		1	1.700		0	0.000		0	0.000		0	0.000		0	0.000
Air National Guard			0	0.000		0	0.000		0	0.000		0	0.000		0	0.000		0	0.000
7 - MILSTAR Ultra High Frequency (UHF) SATCOM System Replacement		-	0	0.225	-	0	0.028	-	2	7.700	-	2	4.806	-	0	0.000	-	2	4.806
<i>Secondary Distribution</i>																			
Air Force Active			0	0.225		0	0.028		2	7.700		2	4.806		0	0.000		2	4.806
8 - Secure Voice Crypto		-	0	6.711	-	0	0.000	-	0	0.000	-	0	2.000	-	0	0.000	-	0	2.000
<i>Secondary Distribution</i>																			
Air Force Active			0	6.711		0	0.000		0	0.000		0	2.000		0	0.000		0	2.000
9 - E-4B NAOC High Speed Data (HSD)		-	0	0.000	-	1	3.733	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5 **P-1 Line Item Nomenclature:** 70 - E-4 Mods **Aggregated Item Name:** E-4

Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		1	3.733		0	0.000		0	0.000		0	0.000		0	0.000
10 - E-4B NAOC Modification Block 1		-	0	72.480	-	1	19.161	-	0	9.291	-	0	0.000	-	0	0.000	-	0	0.000
<i>Secondary Distribution</i>																			
Air Force Active			0	72.480		1	19.161		0	9.291		0	0.000		0	0.000		0	0.000
11 - Secure, Survivable Voice Communication		-	0	0.000	-	1	6.828	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		1	6.828		0	0.000		0	0.000		0	0.000		0	0.000
12 - AEHF Compatible Terminal		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.000		0	0.000		0	0.000
13 - E-4B COMMUNICATION NAVIGATION SURVEILLANCE/ AIR TRAFFIC MANAGEMENT I		-	0	0.000	-	1	4.130	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		1	4.130		0	0.000		0	0.000		0	0.000		0	0.000
14 - CNS/ ATM(ADS-B OUT)		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.000		0	0.000		0	0.000
15 - CNS/ ATM(ADS-B IN)		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.000		0	0.000		0	0.000
16 - LOW COST MODIFICATIONS		-	0	1.958	-	0	1.990	-	0	1.990	-	0	1.990	-	0	0.000	-	0	1.990
<i>Secondary Distribution</i>																			
Air Force Active			0	1.958		0	1.990		0	1.990		0	1.990		0	0.000		0	1.990
<i>Uncategorized Subtotal</i>				113.871			43.083			38.040			13.431			0.000			13.431
Total				113.871			43.083			38.040			13.431			0.000			13.431

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force															Date: February 2012				
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5					P-1 Line Item Nomenclature: 70 - E-4 Mods					Aggregated Item Name: E-4									
Items († indicates the presence of a P-5A)	ID CD	FY 2014			FY 2015			FY 2016			FY 2017			To Complete			Total		
		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
(Uncategorized)																			
1 - NPES (NC2AIS) E-4B		-	0	0.686	-	0	0.699	-	0	0.712	-	0	0.725	-	0	0.000	-	0	5.477
<i>Secondary Distribution</i>																			
Air Force Active			0	0.686		0	0.699		0	0.712		0	0.725						
2 - Message Processing System (MPS)		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	4	32.951
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.000						
3 - C-3 UHF DIGITIZATION		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	4	10.868
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.000						
4 - E-4B KG-3X MODERNIZATION		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	4	1.352
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.000						
5 - SHF MUX UPGRADE		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	2	1.796
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.000						
6 - STU III Replacement		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	5	13.782
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.000						
Air National Guard			0	0.000		0	0.000		0	0.000		0	0.000						
7 - MILSTAR Ultra High Frequency (UHF) SATCOM System Replacement		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	4	12.759
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.000						
8 - Secure Voice Crypto		-	4	3.671	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	4	12.382
<i>Secondary Distribution</i>																			
Air Force Active			4	3.671		0	0.000		0	0.000		0	0.000						
9 - E-4B NAOC High Speed Data (HSD)		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	1	3.733

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5 **P-1 Line Item Nomenclature:** 70 - E-4 Mods **Aggregated Item Name:** E-4

Items († indicates the presence of a P-5A)	ID CD	FY 2014			FY 2015			FY 2016			FY 2017			To Complete			Total		
		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.000						
10 - E-4B NAOC Modification Block 1		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	1	100.932
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.000						
11 - Secure, Survivable Voice Communication		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	1	6.828
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.000						
12 - AEHF Compatible Terminal		-	0	0.000	-	1	2.400	-	2	6.131	-	1	6.241	-	0	2.500	-	4	17.272
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		1	2.400		2	6.131		1	6.241						
13 - E-4B COMMUNICATION NAVIGATION SURVEILLANCE/ AIR TRAFFIC MANAGEMENT I		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	1	4.130
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.000						
14 - CNS/ ATM(ADS-B OUT)		-	0	0.000	-	0	1.022	-	0	4.644	-	0	0.000	-	0	0.000	-	0	5.666
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	1.022		0	4.644		0	0.000						
15 - CNS/ ATM(ADS-B IN)		-	0	0.000	-	0	0.000	-	0	0.000	-	0	4.808	-	0	0.000	-	0	4.808
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	4.808						
16 - LOW COST MODIFICATIONS		-	0	1.990	-	0	1.990	-	0	1.990	-	0	1.990	-	0	0.000	-	0	15.888
<i>Secondary Distribution</i>																			
Air Force Active			0	1.990		0	1.990		0	1.990		0	1.990						
<i>Uncategorized Subtotal</i>				6.347			6.111			13.477			13.764			0.000			250.624
Total				6.347			6.111			13.477			13.764			2.500			250.624

Remarks:

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Exhibit P-3A, Individual Modification: PB 2013 Air Force							Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5				P-1 Line Item Nomenclature: 70 - E-4 Mods				Modification Nomenclature (<i>Modification Title, Modification Number</i>): Secure Data Crypto - 3450				

Models of Systems Affected: E-4B			Type Modification: Reliability & Maintainability					Related RDT&E PEs: 0302015F				
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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)	-	-	-	4.166	-	4.166	-	-	-	-	-	4.166
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	-	-	4.166	-	4.166	-	-	-	-	-	4.166
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	-	-	-	4.166	-	4.166	-	-	-	-	-	4.166

(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 Millions)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The Secure Data Crypto modification replaces various E-4B data cryptographic systems currently scheduled to be decertified by the National Security Agency (NSA). This modification ensures the continued transmission and receipt of critical strategic force orders. Funds for this modification will be used to procure new secure data devices and engineered solutions, and integrate NSA approved and Internet Protocol Version 6 (IPv6) compliant secure data cryptographic devices, software, and associated peripherals on the aircraft. Effort will involve replacement of 13 KG-84 and KG-94 cryptographic devices with KIV7-Ms.

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 70 - E-4 Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Secure Data Crypto - 3450

Models of Systems Affected: E-4B	Type Modification: Reliability & Maintainability	Related RDT&E PEs: 0302015F
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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)
RDT&E PE #												
0302015F	0	0.000	0	0.000	0	1.000	0	0.000	0	0.000	0	0.000
Procurement												
Secure Data Crypto												
A Kits												
Recurring												
INSTALL KITS Group A (Active)	0	0.000	0	0.000	0	0.000	4	2.000	0	0.000	4	2.000
<i>Subtotal Recurring</i>		0.000		0.000		0.000		2.000		0.000		2.000
Secondary Distribution												
Air Force Active	0	0.000	0	0.000	0	0.000	4	3.166	0	0.000	4	3.166
<i>Total, Secure Data Crypto</i>	0	0.000	0	0.000	0	0.000	4	2.000	0	0.000	4	2.000
<i>Total, All Modifications</i>		0.000		0.000		0.000		2.000		0.000		2.000
Support												
DATA	0	0.000	0	0.000	0	0.000	0	1.029	0	0.000	0	1.029
PMA	0	0.000	0	0.000	0	0.000	0	0.137	0	0.000	0	0.137
<i>Total Support Cost</i>		0.000		0.000		0.000		1.166		0.000		1.166
<i>Procurement Cost (Procurement + Support)</i>		0.000		0.000		0.000		3.166		0.000		3.166
<i>Total Installation Cost</i>		0.000		0.000		0.000		1.000		0.000		1.000
Total Cost (Procurement + Support + Installation)		0.000		0.000		0.000		4.166		0.000		4.166

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
RDT&E PE #												
0302015F	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	1.000
Procurement												
Secure Data Crypto												
A Kits												
Recurring												
INSTALL KITS Group A (Active)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	4	2.000

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 70 - E-4 Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Secure Data Crypto - 3450

Models of Systems Affected: E-4B	Type Modification: Reliability & Maintainability	Related RDT&E PEs: 0302015F
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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		2.000
Secondary Distribution												
Air Force Active	0	0.000	0	0.000	0	0.000	0	0.000	-	-	-	-
<i>Total, Secure Data Crypto</i>	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	4	2.000
<i>Total, All Modifications</i>		0.000		0.000		0.000		0.000		0.000		2.000
Support												
DATA	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	1.029
PMA	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.137
<i>Total Support Cost</i>		0.000		0.000		0.000		0.000		0.000		1.166
<i>Procurement Cost (Procurement + Support)</i>		0.000		0.000		0.000		0.000		0.000		3.166
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		1.000
Total Cost (Procurement + Support + Installation)		0.000		0.000		0.000		0.000		0.000		4.166

Remarks:

Manufacturer Information: Secure Data Crypto							
Manufacturer Name: Unknown				Manufacturer Location: Unknown			
Administrative Leadtime (in Months): 3				Production Leadtime (in Months): 2			
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates			Jan 2013				
Delivery Dates			Mar 2013				

Installation: Secure Data Crypto			Method of Implementation: Contract Field Team				Installation Name:					
Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ 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	-	-	-	-	-	-	4	1.000	-	-	4	1.000

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 70 - E-4 Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Secure Data Crypto - 3450
Models of Systems Affected: E-4B	Type Modification: Reliability & Maintainability	Related RDT&E PEs: 0302015F

Installation: Secure Data Crypto	Method of Implementation: Contract Field Team	Installation Name:
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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)
Secondary Distribution - Air Force Active	-	-	-	-	-	-	4	1.000	-	-	4	1.000
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	0	0.000	-	-	0	0.000
Secondary Distribution - Air Force Active	-	-	-	-	-	-	0	0.000	-	-	0	0.000
Total	-	-	-	-	-	-	4	1.000	-	-	4	1.000
Secondary Distribution - Air Force Active	-	-	-	-	-	-	4	1.000	-	-	4	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	-	-	-	-	-	-	-	-	0	0.000	4	1.000
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	0	0.000	0	0.000
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	0	0.000	4	1.000
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 70 - E-4 Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Secure Data Crypto - 3450

Models of Systems Affected: E-4B	Type Modification: Reliability & Maintainability	Related RDT&E PEs: 0302015F
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Installation: Secure Data Crypto	Method of Implementation: Contract Field Team	Installation Name:
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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	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
Out	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 70 - E-4 Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): SHF Modernization - 1

Models of Systems Affected: E-4B	Type Modification: Capability Improvement	Related RDT&E PEs: 0302015F
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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)	-	0.200	2.065	6.000	-	6.000	2.000	-	-	-	-	10.265
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	0.200	2.065	6.000	-	6.000	2.000	-	-	-	-	10.265
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	-	0.200	2.065	6.000	-	6.000	2.000	-	-	-	-	10.265

(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 Millions)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

SHF Modernization will upgrade and replace portions of the Super High Frequency (SHF) system to meet existing National Security Presidential Directive (NSPD)-28 and NSPD-51/Homeland Security Presidential Directive (HSPD)-20 requirements and to ensure continued connectivity and interoperability as satellite and communications infrastructure evolves. Expected modifications include, but are not limited to, component and sub-system upgrades and replacement of the current SHF system necessary to meet immediate needs and eventual replacement of the SHF system. Modification of the current system is required in the near term to replace the most critically obsolete components to ensure that the system remains operable and logistically supportable until a replacement system is fielded. A replacement to the SHF system is required as secure, survivable communications capability transitions from the Defense Satellite Communications System (DSCS).

This SHF Modernization modification is a continuation of a portion of the previously funded Secure, Survivable Voice Communications modification (SSVC) (Mod Number MN-4406). SSVC has been split into two modifications in order to provide schedule clarity. These modifications are the SHF Modernization (Mod Number MN-4406A) and the AEHF Compatible Terminal/PNVC (Mod Number MN-4406B) modifications.

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Exhibit P-3A, Individual Modification: PB 2013 Air Force									Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5				P-1 Line Item Nomenclature: 70 - E-4 Mods					Modification Nomenclature (<i>Modification Title, Modification Number</i>): SHF Modernization - 1			
Models of Systems Affected: E-4B			Type Modification: Capability Improvement				Related RDT&E PEs: 0302015F					
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
RDT&E PE #												
0302015F	0	0.000	1	7.170	0	4.277	0	0.000	0	0.000	0	0.000
Procurement												
SHF Modernization												
A Kits												
Recurring												
INSTALL KITS Group A (Active)	0	0.000	0	0.000	1	0.865	2	1.089	0	0.000	2	1.089
<i>Subtotal Recurring</i>		0.000		0.000		0.865		1.089		0.000		1.089
NonRecurring												
KITS NONRECUR Group A (Active)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		0.000
B Kits												
Recurring												
EQUIPMENT Group B (Active)	0	0.000	0	0.000	1	0.000	2	2.063	0	0.000	2	2.063
<i>Subtotal Recurring</i>		0.000		0.000		0.000		2.063		0.000		2.063
Secondary Distribution												
Air Force Active	0	0.000	0	0.200	1	2.065	2	3.152	0	0.000	2	3.152
<i>Total, SHF Modernization</i>	0	0.000	0	0.000	1	0.865	2	3.152	0	0.000	2	3.152
<i>Total, All Modifications</i>		0.000		0.000		0.865		3.152		0.000		3.152
Support												
DATA	0	0.000	0	0.000	0	1.000	0	0.000	0	0.000	0	0.000
SUPPORT- EQUIP	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
PMA	0	0.000	0	0.200	0	0.200	0	0.000	0	0.000	0	0.000
<i>Total Support Cost</i>		0.000		0.200		1.200		0.000		0.000		0.000
<i>Procurement Cost (Procurement + Support)</i>		0.000		0.200		2.065		3.152		0.000		3.152
<i>Total Installation Cost</i>		0.000		0.000		0.000		2.848		0.000		2.848
Total Cost (Procurement + Support + Installation)		0.000		0.200		2.065		6.000		0.000		6.000

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Exhibit P-3A, Individual Modification: PB 2013 Air Force									Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5				P-1 Line Item Nomenclature: 70 - E-4 Mods					Modification Nomenclature (<i>Modification Title, Modification Number</i>): SHF Modernization - 1			
Models of Systems Affected: E-4B			Type Modification: Capability Improvement				Related RDT&E PEs: 0302015F					
Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
RDT&E PE #												
0302015F	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	1	11.447
Procurement												
SHF Modernization												
A Kits												
Recurring												
INSTALL KITS Group A (Active)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	3	1.954
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		1.954
NonRecurring												
KITS NONRECUR Group A (Active)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		0.000
B Kits												
Recurring												
EQUIPMENT Group B (Active)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	3	2.063
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		2.063
Secondary Distribution												
Air Force Active	0	2.000	0	0.000	0	0.000	0	0.000	-	-	-	-
<i>Total, SHF Modernization</i>	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	3	4.017
<i>Total, All Modifications</i>		0.000		0.000		0.000		0.000		0.000		4.017
Support												
DATA	0	0.500	0	0.000	0	0.000	0	0.000	0	0.000	0	1.500
SUPPORT- EQUIP	1	1.400	0	0.000	0	0.000	0	0.000	0	0.000	1	1.400
PMA	0	0.100	0	0.000	0	0.000	0	0.000	0	0.000	0	0.500
<i>Total Support Cost</i>		2.000		0.000		0.000		0.000		0.000		3.400
<i>Procurement Cost (Procurement + Support)</i>		2.000		0.000		0.000		0.000		0.000		7.417
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		2.848
Total Cost (Procurement + Support + Installation)		2.000		0.000		0.000		0.000		0.000		10.265
Remarks:												

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 70 - E-4 Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): SHF Modernization - 1
Models of Systems Affected: E-4B	Type Modification: Capability Improvement	Related RDT&E PEs: 0302015F

Manufacturer Information: SHF Modernization							
Manufacturer Name: Boeing				Manufacturer Location: Wichita, KS			
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		Oct 2011	Oct 2012				
Delivery Dates		Apr 2012	Apr 2013				

Installation: SHF Modernization	Method of Implementation: Contract Field Team	Installation Name:
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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	-	-	-	-	-	-	2	2.848	-	-	2	2.848
Secondary Distribution - Air Force Active	-	-	-	-	-	-	2	2.848	-	-	2	2.848
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	0	0.000	-	-	0	0.000
Secondary Distribution - Air Force Active	-	-	-	-	-	-	0	0.000	-	-	0	0.000
Total	-	-	-	-	-	-	2	2.848	-	-	2	2.848
Secondary Distribution - Air Force Active	-	-	-	-	-	-	2	2.848	-	-	2	2.848

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	-	-	-	-	-	-	-	-	0	0.000	2	2.848
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 70 - E-4 Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): SHF Modernization - 1
Models of Systems Affected: E-4B	Type Modification: Capability Improvement	Related RDT&E PEs: 0302015F

Installation: SHF Modernization	Method of Implementation: Contract Field Team	Installation Name:
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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	-	-	-	-	-	-	-	-	0	0.000	0	0.000
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	0	0.000	2	2.848
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-

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	0	0	0	0	0	1	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Out	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 70 - E-4 Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): AIU Modernization - 4407

Models of Systems Affected: E-4B	Type Modification: Capability Improvement	Related RDT&E PEs: 0302015F
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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)	-	-	16.200	13.500	-	13.500	-	-	-	-	-	29.700
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	-	16.200	13.500	-	13.500	-	-	-	-	-	29.700
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	-	-	16.200	13.500	-	13.500	-	-	-	-	-	29.700

(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 Millions)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The Audio Infrastructure Upgrade (AIU) Modernization effort addresses the AIU obsolescence issues and diminishing manufacturing sources. Additionally, the AIU Modernization project includes the development and installation of the STU III phase 2 TXP-A phones, which integrates a modern, logistically supportable phone and handset. This modification replaces the Digital Small Switch, Modular Phones, Enhance Command Consoles, Automated Patch and Test System, Encore Channel Banks, and Fuse Panel and other new devices on board the E-4B aircraft.

The Audio Infrastructure Upgrade (AIU) Modernization is a sub-component of the Modification Block 1 (Mod Blk 1) that was recently completed in the last E-4B aircraft. However, the physical configuration of the last Mod Blk 1 was different from previous installations due to DMS issues. Specifically, the functional configuration of the AIU installations are the same but the physical configuration of the last AIU is significantly different from the first three installations. This modification retrofits the new AIU physical configuration in the remaining three E-4B aircraft and will ensure a standard AIU configuration across the E-4B fleet. Retrofitting the remaining three aircraft with the updated AIU will reduce future diminishing manufacturing source issues and standardize AIU logistical/operational aspects across the E-4B fleet.

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 70 - E-4 Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): AIU Modernization - 4407

Models of Systems Affected: E-4B	Type Modification: Capability Improvement	Related RDT&E PEs: 0302015F
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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												
AIU Modernization												
A Kits												
Recurring												
INSTALL KITS Group A (Active)	0	0.000	0	0.000	1	13.000	1	10.300	0	0.000	1	10.300
<i>Subtotal Recurring</i>		0.000		0.000		13.000		10.300		0.000		10.300
Secondary Distribution												
Air Force Active	0	0.000	0	0.000	1	13.100	1	10.400	0	0.000	1	10.400
<i>Total, AIU Modernization</i>	0	0.000	0	0.000	1	13.000	1	10.300	0	0.000	1	10.300
<i>Total, All Modifications</i>		0.000		0.000		13.000		10.300		0.000		10.300
Support												
PMA	0	0.000	0	0.000	0	0.100	0	0.100	0	0.000	0	0.100
<i>Total Support Cost</i>		0.000		0.000		0.100		0.100		0.000		0.100
<i>Procurement Cost (Procurement + Support)</i>		0.000		0.000		13.100		10.400		0.000		10.400
<i>Total Installation Cost</i>		0.000		0.000		3.100		3.100		0.000		3.100
Total Cost (Procurement + Support + Installation)		0.000		0.000		16.200		13.500		0.000		13.500

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												
AIU Modernization												
A Kits												
Recurring												
INSTALL KITS Group A (Active)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	2	23.300
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		23.300
Secondary Distribution												
Air Force Active	0	0.000	0	0.000	0	0.000	0	0.000	-	-	-	-
<i>Total, AIU Modernization</i>	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	2	23.300
<i>Total, All Modifications</i>		0.000		0.000		0.000		0.000		0.000		23.300

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 70 - E-4 Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): AIU Modernization - 4407

Models of Systems Affected: E-4B	Type Modification: Capability Improvement	Related RDT&E PEs: 0302015F
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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												
PMA	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.200
<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		0.000		0.000		23.500
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		6.200
Total Cost (Procurement + Support + Installation)		0.000		0.000		0.000		0.000		0.000		29.700

Remarks:

Manufacturer Information: AIU Modernization

Manufacturer Name: Boeing	Manufacturer Location: Wichita, KS
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 2011	Dec 2012				
Delivery Dates		Dec 2012	Dec 2013				

Installation: AIU Modernization **Method of Implementation:** Depot Field Team **Installation Name:**

Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ 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	3.100	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	1	3.100	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	1	3.100	-	-	1	3.100
Secondary Distribution - Air Force Active	-	-	-	-	-	-	1	3.100	-	-	1	3.100
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Air Force							Date: February 2012						
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5				P-1 Line Item Nomenclature: 70 - E-4 Mods				Modification Nomenclature (<i>Modification Title, Modification Number</i>): AIU Modernization - 4407					
Models of Systems Affected: E-4B				Type Modification: Capability Improvement				Related RDT&E PEs: 0302015F					

Installation: AIU Modernization				Method of Implementation: Depot Field Team				Installation Name:					
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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	-	-	-	-	0	0.000	0	0.000	-	-	0	0.000
Secondary Distribution - Air Force Active	-	-	-	-	0	0.000	0	0.000	-	-	0	0.000
Total	-	-	-	-	1	3.100	1	3.100	-	-	1	3.100
Secondary Distribution - Air Force Active	-	-	-	-	1	3.100	1	3.100	-	-	1	3.100

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ 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	1	3.100
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	0	0.000	1	3.100
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	0	0.000	0	0.000
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	0	0.000	2	6.200
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-

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	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Out	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 70 - E-4 Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): CNS/ATM - 2

Models of Systems Affected: E-4B	Type Modification: Capability Improvement	Related RDT&E PEs: 0302015F
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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	5.075	-	5.075	5.300	5.220	-	-	-	15.595
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	-	0.000	5.075	-	5.075	5.300	5.220	-	-	-	15.595
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	-	-	0.000	5.075	-	5.075	5.300	5.220	-	-	-	15.595

(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 Millions)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The CNS/ATM modification upgrades the air traffic communications systems to improve Navigation and Instrument Approach capabilities. This is required to comply with both US and international air traffic management requirements and maintain world-wide (anytime/anywhere) availability. This modification will replace the obsolete Flight Management Computer (FMC), and upgrade or install required systems to meet domestic and foreign CNS/ATM requirements. This is expected to be an on-going program to meet evolving CNS/ATM requirements.

This modification was originally a portion of the "E-4B Communication Navigation Surveillance/Air Traffic Management I" modification that received FY11 funding for a collection of capabilities. The original "E-4B Communication Navigation Surveillance/Air Traffic Management I" modification contained a collection of new capabilities that were to be sequentially installed in each of the four E-4B aircraft during separate maintenance periods over a span of years. The "E-4B Communication Navigation Surveillance/Air Traffic Management I" has been split into three different modifications that include CNS/ATM, CNS/ATM(ADS-B OUT), and CNS/ATM(ADS-B IN) in order to give clearer visibility to the scheduling and funding of the original modification. The collective capabilities and scope of efforts of these three new modifications duplicated those contained in the original "E-4B Communication Navigation Surveillance/Air Traffic Management I" which has been retired.

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Exhibit P-3A, Individual Modification: PB 2013 Air Force								Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5				P-1 Line Item Nomenclature: 70 - E-4 Mods				Modification Nomenclature (<i>Modification Title, Modification Number</i>): CNS/ATM - 2			

Models of Systems Affected: E-4B			Type Modification: Capability Improvement				Related RDT&E PEs: 0302015F				
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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)
RDT&E PE #												
0302015F	0	8.918	0	4.842	0	0.400	0	0.000	0	0.000	0	0.000
Procurement												
CNS/ATM												
A Kits												
Recurring												
INSTALL KITS Group A (Active)	0	0.000	0	0.000	1	0.000	1	2.095	0	0.000	1	2.095
<i>Subtotal Recurring</i>		0.000		0.000		0.000		2.095		0.000		2.095
Secondary Distribution												
Air Force Active	0	0.000	0	0.000	1	0.000	1	2.105	0	0.000	1	2.105
<i>Total, CNS/ATM</i>	0	0.000	0	0.000	1	0.000	1	2.095	0	0.000	1	2.095
<i>Total, All Modifications</i>		0.000		0.000		0.000		2.095		0.000		2.095
Support												
DATA	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
PMA	0	0.000	0	0.000	0	0.000	0	0.010	0	0.000	0	0.010
<i>Total Support Cost</i>		0.000		0.000		0.000		0.010		0.000		0.010
<i>Procurement Cost (Procurement + Support)</i>		0.000		0.000		0.000		2.105		0.000		2.105
<i>Total Installation Cost</i>		0.000		0.000		0.000		2.970		0.000		2.970
Total Cost (Procurement + Support + Installation)		0.000		0.000		0.000		5.075		0.000		5.075

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
RDT&E PE #												
0302015F	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	14.160
Procurement												
CNS/ATM												
A Kits												
Recurring												
INSTALL KITS Group A (Active)	1	2.100	1	2.150	0	0.000	0	0.000	0	0.000	4	6.345

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 70 - E-4 Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): CNS/ATM - 2

Models of Systems Affected: E-4B	Type Modification: Capability Improvement	Related RDT&E PEs: 0302015F
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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>		2.100		2.150		0.000		0.000		0.000		6.345
Secondary Distribution												
Air Force Active	1	2.110	1	2.160	0	0.000	0	0.000	-	-	-	-
<i>Total, CNS/ATM</i>	1	2.100	1	2.150	0	0.000	0	0.000	0	0.000	4	6.345
<i>Total, All Modifications</i>		2.100		2.150		0.000		0.000		0.000		6.345
Support												
DATA	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
PMA	0	0.010	0	0.010	0	0.000	0	0.000	0	0.000	0	0.030
<i>Total Support Cost</i>		0.010		0.010		0.000		0.000		0.000		0.030
<i>Procurement Cost (Procurement + Support)</i>		2.110		2.160		0.000		0.000		0.000		6.375
<i>Total Installation Cost</i>		3.190		3.060		0.000		0.000		0.000		9.220
Total Cost (Procurement + Support + Installation)		5.300		5.220		0.000		0.000		0.000		15.595

Remarks:

Manufacturer Information: CNS/ATM	
Manufacturer Name: Boeing	Manufacturer Location: Wichita, KS
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		Dec 2011	Jun 2013	Jun 2014	Jun 2015		
Delivery Dates		Jun 2012	Dec 2013	Dec 2014	Dec 2015		

Installation: CNS/ATM	Method of Implementation: Depot	Installation Name:
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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	-	-	-	-	-	-	1	2.970	-	-	1	2.970

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 70 - E-4 Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): CNS/ATM - 2
Models of Systems Affected: E-4B	Type Modification: Capability Improvement	Related RDT&E PEs: 0302015F

Installation: CNS/ATM		Method of Implementation: Depot				Installation Name:						
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>
Secondary Distribution - Air Force Active	-	-	-	-	-	-	1	2.970	-	-	1	2.970
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	0	0.000	-	-	0	0.000
Secondary Distribution - Air Force Active	-	-	-	-	-	-	0	0.000	-	-	0	0.000
Total	-	-	-	-	-	-	1	2.970	-	-	1	2.970
Secondary Distribution - Air Force Active	-	-	-	-	-	-	1	2.970	-	-	1	2.970

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	-	-	-	-	-	-	-	-	0	0.000	1	2.970
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	1	3.190	-	-	-	-	-	-	0	0.000	1	3.190
Secondary Distribution - Air Force Active	1	3.190	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	1	3.060	-	-	-	-	0	0.000	1	3.060
Secondary Distribution - Air Force Active	-	-	1	3.060	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	0	0.000	0	0.000	-	-	-	-	0	0.000	0	0.000
Secondary Distribution - Air Force Active	0	0.000	0	0.000	-	-	-	-	-	-	-	-
Total	1	3.190	1	3.060	-	-	-	-	0	0.000	3	9.220
Secondary Distribution - Air Force Active	1	3.190	1	3.060	-	-	-	-	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 70 - E-4 Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): CNS/ATM - 2

Models of Systems Affected: E-4B	Type Modification: Capability Improvement	Related RDT&E PEs: 0302015F
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Installation: CNS/ATM	Method of Implementation: Depot	Installation Name:
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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	0	0	0	1	0	0	0	1	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
Out	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4

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Exhibit P-3A, Individual Modification: PB 2013 Air Force							Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5			P-1 Line Item Nomenclature: 70 - E-4 Mods				Modification Nomenclature (<i>Modification Title, Modification Number</i>): SERVICE BULLETINS - 3					

Models of Systems Affected: E-4B			Type Modification: Reliability & Maintainability				Related RDT&E PEs: 0302015F					
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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)	5.020	0.598	1.524	5.444	-	5.444	5.657	5.437	6.999	7.056	-	37.735
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	5.020	0.598	1.524	5.444	-	5.444	5.657	5.437	6.999	7.056	-	37.735
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	5.020	0.598	1.524	5.444	-	5.444	5.657	5.437	6.999	7.056	-	37.735

(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 Millions)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

Funds are required to complete Service Bulletins in order to maintain compliance with FAA standards and certification. Service Bulletins affect the safety, product improvements, maintenance, and reliability for the aircraft, engines, and associated mission equipment. The funding profile is driven by Service Bulletin due date and aircraft availability.

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 70 - E-4 Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): SERVICE BULLETINS - 3

Models of Systems Affected: E-4B	Type Modification: Reliability & Maintainability	Related RDT&E PEs: 0302015F
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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												
SERVICE BULLETINS												
A Kits												
Recurring												
INSTALL KITS Group A (Active)	1	2.510	1	0.598	1	1.524	1	5.409	0	0.000	1	5.409
<i>Subtotal Recurring</i>		2.510		0.598		1.524		5.409		0.000		5.409
Secondary Distribution												
Air Force Active	1	2.510	1	0.598	1	1.524	1	5.444	0	0.000	1	5.444
<i>Total, SERVICE BULLETINS</i>	1	2.510	1	0.598	1	1.524	1	5.409	0	0.000	1	5.409
<i>Total, All Modifications</i>		2.510		0.598		1.524		5.409		0.000		5.409
Support												
PMA	0	0.000	0	0.000	0	0.000	0	0.035	0	0.000	0	0.035
<i>Total Support Cost</i>		0.000		0.000		0.000		0.035		0.000		0.035
<i>Procurement Cost (Procurement + Support)</i>		2.510		0.598		1.524		5.444		0.000		5.444
<i>Total Installation Cost</i>		2.510		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		5.020		0.598		1.524		5.444		0.000		5.444

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
SERVICE BULLETINS												
A Kits												
Recurring												
INSTALL KITS Group A (Active)	1	5.609	1	5.419	1	6.999	1	7.056	0	0.000	8	35.124
<i>Subtotal Recurring</i>		5.609		5.419		6.999		7.056		0.000		35.124
Secondary Distribution												
Air Force Active	1	5.657	1	5.437	1	6.999	1	7.056	-	-	-	-
<i>Total, SERVICE BULLETINS</i>	1	5.609	1	5.419	1	6.999	1	7.056	0	0.000	8	35.124
<i>Total, All Modifications</i>		5.609		5.419		6.999		7.056		0.000		35.124

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 70 - E-4 Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): SERVICE BULLETINS - 3

Models of Systems Affected: E-4B	Type Modification: Reliability & Maintainability	Related RDT&E PEs: 0302015F
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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												
PMA	0	0.048	0	0.018	0	0.000	0	0.000	0	0.000	0	0.101
<i>Total Support Cost</i>		0.048		0.018		0.000		0.000		0.000		0.101
<i>Procurement Cost (Procurement + Support)</i>		5.657		5.437		6.999		7.056		0.000		35.225
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		2.510
Total Cost (Procurement + Support + Installation)		5.657		5.437		6.999		7.056		0.000		37.735

Remarks:

Manufacturer Information: SERVICE BULLETINS

Manufacturer Name: Unknown	Manufacturer Location: Unknown
Administrative Leadtime (in Months): 3	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: SERVICE BULLETINS **Method of Implementation:** Depot Field Team **Installation Name:**

Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ 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	2.510	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	1	2.510	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	1	0.000	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	1	0.000	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	1	0.000	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	1	0.000	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5		P-1 Line Item Nomenclature: 70 - E-4 Mods
Modification Nomenclature (Modification Title, Modification Number): SERVICE BULLETINS - 3		

Models of Systems Affected: E-4B	Type Modification: Reliability & Maintainability	Related RDT&E PEs: 0302015F
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Installation: SERVICE BULLETINS	Method of Implementation: Depot Field Team	Installation Name:
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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	0	0.000	0	0.000	0	0.000	-	-	-	-	-	-
Secondary Distribution - Air Force Active	0	0.000	0	0.000	0	0.000	-	-	-	-	-	-
Total	1	2.510	1	0.000	1	0.000	-	-	-	-	-	-
Secondary Distribution - Air Force Active	1	2.510	1	0.000	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	-	-	-	-	-	-	-	-	0	0.000	1	2.510
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	0	0.000	1	0.000
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	0	0.000	1	0.000
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	0	0.000	0	0.000
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	0	0.000	3	2.510
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-

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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Out	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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

Appropriation / Budget Activity / Budget Sub Activity:
3010F : Aircraft Procurement, Air Force / BA 5 : Modification of Inservice Aircraft / BSA 5 : Other Aircraft

P-1 Line Item Nomenclature:
71 - E-8C 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)	344.194	6.306	22.558	59.320	-	59.320	47.384	24.167	24.867	25.754	-	554.550
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	344.194	6.306	22.558	59.320	-	59.320	47.384	24.167	24.867	25.754	-	554.550
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	344.194	6.306	22.558	59.320	-	59.320	47.384	24.167	24.867	25.754	-	554.550

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

Description:

This line item funds modifications to the E-8C aircraft. The E-8C is a modified Boeing 707-300 airframe that performs the Joint Surveillance and Target Attack Radar System (JSTARS) mission. The JSTARS was developed for ground surveillance, targeting, and battle management.

Item Schedule		ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
E-8C (See enclosed P-40A)	P40A				344.194			6.306			11.183			0.350			0.000			0.350
Prime Mission Equipment - Diminishing Manufacturing Sources (PME- DMS) - 38198	P3A		-	-	-	-	-	-	-	-	0.552	-	-	48.989	-	-	-	-	-	48.989
JTRS INTEGRATION - 38205	P3A		-	-	-	-	-	-	-	10.823	-	-	9.981	-	-	-	-	-	-	9.981
Total Gross/Weapon System Cost					344.194			6.306			22.558			59.320			-			59.320

		ID CD	FY 2014			FY 2015			FY 2016			FY 2017			To Complete			Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
E-8C (See enclosed P-40A)	P40A				0.200			0.000			0.000			0.000			0.000			362.233

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

Appropriation / Budget Activity / Budget Sub Activity: 3010F : Aircraft Procurement, Air Force / BA 5 : Modification of Inservice Aircraft / BSA 5 : Other Aircraft	P-1 Line Item Nomenclature: 71 - E-8C Mods
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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 (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Prime Mission Equipment - Diminishing Manufacturing Sources (PME- DMS) - 38198	P3A		-	-	43.353	-	-	24.167	-	-	24.867	-	-	25.754	-	-	-	-	-	167.682
JTRS INTEGRATION - 38205	P3A		-	-	3.831	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24.635
Total Gross/Weapon System Cost					47.384			24.167			24.867			25.754						554.550

*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:
 With the exception of modifications listed in the P-40A, justification for individual modifications is provided in the P-3A exhibits.

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5 **P-1 Line Item Nomenclature:** 71 - E-8C Mods **Aggregated Item Name:** E-8C

Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
(Uncategorized)																			
1 - JSTARS Re-engining		-	2	153.090	-	0	1.024	-	0	6.983	-	0	0.000	-	0	0.000	-	0	0.000
<i>Secondary Distribution</i>																			
Air Force Active			0	29.505		0	1.024		0	6.983		0	0.000		0	0.000		0	0.000
Air National Guard			2	123.585		0	0.000		0	0.000		0	0.000		0	0.000		0	0.000
2 - RELIABILITY, MAINTAINABILITY, AVAILABILITY (RMA) and FLEET RETROFIT MODS		-	0	40.408	-	0	0.080	-	0	1.899	-	0	0.150	-	0	0.000	-	0	0.150
<i>Secondary Distribution</i>																			
Air Force Active			0	40.408		0	0.080		0	1.899		0	0.150		0	0.000		0	0.150
3 - KILL CHAIN ENHANCEMENT MODIFICATIONS		-	0	104.813	-	0	4.394	-	0	1.701	-	0	0.200	-	0	0.000	-	0	0.200
<i>Secondary Distribution</i>																			
Air Force Active			0	104.813		0	4.394		0	1.701		0	0.200		0	0.000		0	0.200
4 - Enhanced Land Maritime Mode (ELMM)		-	16	45.883	-	0	0.808	-	0	0.600	-	0	0.000	-	0	0.000	-	0	0.000
<i>Secondary Distribution</i>																			
Air Force Active			0	19.417		0	0.808		0	0.600		0	0.000		0	0.000		0	0.000
Air National Guard			16	26.466		0	0.000		0	0.000		0	0.000		0	0.000		0	0.000
<i>Uncategorized Subtotal</i>				344.194			6.306			11.183			0.350			0.000			0.350
Total				344.194			6.306			11.183			0.350			0.000			0.350

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5 **P-1 Line Item Nomenclature:** 71 - E-8C Mods **Aggregated Item Name:** E-8C

Items († indicates the presence of a P-5A)	ID CD	FY 2014			FY 2015			FY 2016			FY 2017			To Complete			Total		
		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
<i>(Uncategorized)</i>																			
1 - JSTARS Re-engining		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	2	161.097
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.000						
Air National Guard			0	0.000		0	0.000		0	0.000		0	0.000						
2 - RELIABILITY, MAINTAINABILITY, AVAILABILITY (RMA) and FLEET RETROFIT MODS		-	0	0.100	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	42.637
<i>Secondary Distribution</i>																			
Air Force Active			0	0.100		0	0.000		0	0.000		0	0.000						
3 - KILL CHAIN ENHANCEMENT MODIFICATIONS		-	0	0.100	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	111.208
<i>Secondary Distribution</i>																			
Air Force Active			0	0.100		0	0.000		0	0.000		0	0.000						
4 - Enhanced Land Maritime Mode (ELMM)		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	16	47.291
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.000						
Air National Guard			0	0.000		0	0.000		0	0.000		0	0.000						
<i>Uncategorized Subtotal</i>				0.200			0.000			0.000			0.000			0.000			362.233
Total				0.200			0.000			0.000			0.000			0.000			362.233

Remarks:

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 71 - E-8C Mods	Modification Nomenclature <i>(Modification Title, Modification Number):</i> Prime Mission Equipment - Diminishing Manufacturing Sources (PME- DMS) - 38198

Models of Systems Affected: E-8C	Type Modification: Capability Improvement	Related RDT&E PEs: 0207581F
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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)	-	-	0.552	48.989	-	48.989	43.353	24.167	24.867	25.754	-	167.682
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	-	0.552	48.989	-	48.989	43.353	24.167	24.867	25.754	-	167.682
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	-	-	0.552	48.989	-	48.989	43.353	24.167	24.867	25.754	-	167.682

(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 Millions)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

Prime Mission Equipment (PME) Diminishing Manufacturing Sources (DMS) is a top issue for fleet viability. PME is required for Joint STARS to maintain net-centric war fighter capabilities - Ground Moving Target Indicator (GMTI) and Battle Management Command and Control (BMC2) as specified in the Operational Requirements Document (ORD). if not addressed, DMS will result in non-mission capable (NMC) aircraft starting in FY20.

The last major modification to the mission computing hardware took place during the Computer Replacement Program (CRP) from 1997-2005. The program has maximized 3rd party vendors and aftermarket suppliers for the last five years without any additional funded major tech refreshes. Parts obsolescence stemming from an overdue technology refresh (20+ year old COTS equipment) requires a major modification to maintain the existing processing capabilities and specification compliance. Modification will address hardware and software DMS issues for both the Operator Work Station (OWS) computer and the radar processor. Equipment replacement will include, OWS, Central Computer Mass Storage Device (CCMSD), OWS Mass Storage Device (OWSMSD), Removable Media Module (RMM), Fiber Switches, Local Area Network (LAN) HUB, Serial Data Hub, and Radar Airborne Signal Processor (RASP). the current OWS operating system (Open VMS) will be upgraded to a modern Linux OS architecture, the 19" OWS displays will be replaced with 27" displays and software applications including Open Office (MS Office-like) and MoveINT Client will be installed.

Modifications include but are not limited to mission and maintenance crew trainers, software maintenance, and support systems at Robins AFB. These include the Mission Maintenance Trainer (MMT), the Prime Mission Equipment Maintenance Training Device (PME-MTD), the Navigation Training System (NTS), the Software Maintenance System (SMS), and the Transportable Mission Support System (TMSS). The Weapon System Trainer (WST) and the pilot trainer aircraft do not require this modification. The test aircraft, T-3, will be modified with RDT&E funding through the System Design & Development (SDD) program.

This modification has related RDT&E funding in PE 0207581F

There are a total of 16 operational aircraft to be modified with procurement funds. The pilot trainer aircraft does not carry the standard mission equipment, so it does not require this modification. The test aircraft, T-3, is modified with RDT&E funds.

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 71 - E-8C Mods	Modification Nomenclature <i>(Modification Title, Modification Number):</i> Prime Mission Equipment - Diminishing Manufacturing Sources (PME- DMS) - 38198
Models of Systems Affected: E-8C	Type Modification: Capability Improvement	Related RDT&E PEs: 0207581F

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Exhibit P-3A, Individual Modification: PB 2013 Air Force								Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5				P-1 Line Item Nomenclature: 71 - E-8C Mods				Modification Nomenclature <i>(Modification Title, Modification Number):</i> Prime Mission Equipment - Diminishing Manufacturing Sources (PME- DMS) - 38198					
Models of Systems Affected: E-8C			Type Modification: Capability Improvement					Related RDT&E PEs: 0207581F					
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
RDT&E PE #													
0207581F	0	82.797	0	64.806	0	32.778	0	0.000	0	0.000	0	0.000	
Procurement													
Prime Mission Equipment - Diminishing Manufacturing Sources (PME- DMS)													
A Kits													
Recurring													
INSTALL KITS Group A (Guard)	0	0.000	0	0.000	0	0.000	6	0.924	0	0.000	6	0.924	
<i>Subtotal Recurring</i>		<i>0.000</i>		<i>0.000</i>		<i>0.000</i>		<i>0.924</i>		<i>0.000</i>		<i>0.924</i>	
B Kits													
Recurring													
EQUIPMENT Group B (Guard)	0	0.000	0	0.000	0	0.000	6	25.356	0	0.000	6	25.356	
<i>Subtotal Recurring</i>		<i>0.000</i>		<i>0.000</i>		<i>0.000</i>		<i>25.356</i>		<i>0.000</i>		<i>25.356</i>	
NonRecurring													
EQUIP NONREC Group B (Active)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	
EQUIP NONREC Group B (Guard)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	
<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>0.000</i>	
Secondary Distribution													
Air Force Active	0	0.000	0	0.000	0	0.552	0	12.404	0	0.000	0	12.404	
Air National Guard	0	0.000	0	0.000	0	0.000	6	26.280	0	0.000	6	26.280	
<i>Total, Prime Mission Equipment - Diminishing Manufacturing Sources (PME- DMS)</i>	<i>0</i>	<i>0.000</i>	<i>0</i>	<i>0.000</i>	<i>0</i>	<i>0.000</i>	<i>6</i>	<i>26.280</i>	<i>0</i>	<i>0.000</i>	<i>6</i>	<i>26.280</i>	
<i>Total, All Modifications</i>		<i>0.000</i>		<i>0.000</i>		<i>0.000</i>		<i>26.280</i>		<i>0.000</i>		<i>26.280</i>	
Support													
CHANGE ORDERS	0	0.000	0	0.000	0	0.000	0	1.383	0	0.000	0	1.383	
DATA	0	0.000	0	0.000	0	0.000	0	0.231	0	0.000	0	0.231	
SIM/TRAINER	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 71 - E-8C Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Prime Mission Equipment - Diminishing Manufacturing Sources (PME- DMS) - 38198

Models of Systems Affected: E-8C	Type Modification: Capability Improvement	Related RDT&E PEs: 0207581F
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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)
OTHER GOVT	0	0.000	0	0.000	0	0.000	0	4.071	0	0.000	0	4.071
A&AS	0	0.000	0	0.000	0	0.401	0	2.407	0	0.000	0	2.407
PMA	0	0.000	0	0.000	0	0.151	0	2.839	0	0.000	0	2.839
ICS-Labor	0	0.000	0	0.000	0	0.000	0	1.473	0	0.000	0	1.473
<i>Total Support Cost</i>		<i>0.000</i>		<i>0.000</i>		<i>0.552</i>		<i>12.404</i>		<i>0.000</i>		<i>12.404</i>
<i>Procurement Cost (Procurement + Support)</i>		<i>0.000</i>		<i>0.000</i>		<i>0.552</i>		<i>38.684</i>		<i>0.000</i>		<i>38.684</i>
<i>Total Installation Cost</i>		<i>0.000</i>		<i>0.000</i>		<i>0.000</i>		<i>10.305</i>		<i>0.000</i>		<i>10.305</i>
Total Cost (Procurement + Support + Installation)		0.000		0.000		0.552		48.989		0.000		48.989

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
RDT&E PE #												
0207581F	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	180.381
Procurement												
Prime Mission Equipment - Diminishing Manufacturing Sources (PME- DMS)												
A Kits												
Recurring												
INSTALL KITS Group A (Guard)	2	0.308	2	0.308	2	0.308	1	0.154	0	0.000	13	2.002
<i>Subtotal Recurring</i>		<i>0.308</i>		<i>0.308</i>		<i>0.308</i>		<i>0.154</i>		<i>0.000</i>		<i>2.002</i>
B Kits												
Recurring												
EQUIPMENT Group B (Guard)	2	8.452	2	8.452	2	8.452	1	4.226	0	0.000	13	54.938
<i>Subtotal Recurring</i>		<i>8.452</i>		<i>8.452</i>		<i>8.452</i>		<i>4.226</i>		<i>0.000</i>		<i>54.938</i>
NonRecurring												
EQUIP NONREC Group B (Active)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
EQUIP NONREC Group B (Guard)	0	2.190	0	1.042	0	1.051	0	1.821	0	0.000	0	6.104

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 71 - E-8C Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Prime Mission Equipment - Diminishing Manufacturing Sources (PME- DMS) - 38198

Models of Systems Affected: E-8C	Type Modification: Capability Improvement	Related RDT&E PEs: 0207581F
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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>		2.190		1.042		1.051		1.821		0.000		6.104
Secondary Distribution												
Air Force Active	0	22.098	0	7.495	0	8.186	0	9.248	-	-	-	-
Air National Guard	2	10.950	2	9.802	2	9.811	1	6.201	-	-	-	-
<i>Total, Prime Mission Equipment - Diminishing Manufacturing Sources (PME- DMS)</i>	2	10.950	2	9.802	2	9.811	1	6.201	0	0.000	13	63.044
<i>Total, All Modifications</i>		10.950		9.802		9.811		6.201		0.000		63.044
Support												
CHANGE ORDERS	0	2.034	0	0.799	0	0.971	0	0.941	0	0.000	0	6.128
DATA	0	0.235	0	0.239	0	0.243	0	0.247	0	0.000	0	1.195
SIM/TRAINER	0	10.030	0	0.000	0	0.000	0	0.000	0	0.000	0	10.030
OTHER GOVT	0	2.306	0	2.278	0	2.711	0	3.342	0	0.000	0	14.708
A&AS	0	2.130	0	1.171	0	1.196	0	1.242	0	0.000	0	8.547
PMA	0	2.512	0	1.382	0	1.411	0	1.465	0	0.000	0	9.760
ICS-Labor	0	2.851	0	1.626	0	1.654	0	2.011	0	0.000	0	9.615
<i>Total Support Cost</i>		22.098		7.495		8.186		9.248		0.000		59.983
<i>Procurement Cost (Procurement + Support)</i>		33.048		17.297		17.997		15.449		0.000		123.027
<i>Total Installation Cost</i>		10.305		6.870		6.870		10.305		0.000		44.655
Total Cost (Procurement + Support + Installation)		43.353		24.167		24.867		25.754		0.000		167.682

Remarks:

Manufacturer Information: Prime Mission Equipment - Diminishing Manufacturing Sources (PME- DMS)	
Manufacturer Name: Unknown	Manufacturer Location: Unknown
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			Mar 2013	Jan 2014	Jan 2015	Jan 2016	Jan 2017
Delivery Dates			Sep 2013	Jul 2014	Jul 2015	Jul 2016	Jul 2017

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 71 - E-8C Mods	Modification Nomenclature <i>(Modification Title, Modification Number):</i> Prime Mission Equipment - Diminishing Manufacturing Sources (PME- DMS) - 38198
Models of Systems Affected: E-8C	Type Modification: Capability Improvement	Related RDT&E PEs: 0207581F

Installation: Prime Mission Equipment - Diminishing Manufacturing Sources (PME- DMS)	Method of Implementation: Contractor Facility	Installation Name:
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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	10.305	-	-	0	10.305
Secondary Distribution - Air National Guard	-	-	-	-	-	-	0	10.305	-	-	0	10.305
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air National Guard	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air National Guard	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air National Guard	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	0	0.000	-	-	0	0.000
Secondary Distribution - Air National Guard	-	-	-	-	-	-	0	0.000	-	-	0	0.000
Total	-	-	-	-	-	-	0	10.305	-	-	0	10.305
Secondary Distribution - Air National Guard	-	-	-	-	-	-	0	10.305	-	-	0	10.305

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ 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	10.305	-	-	-	-	-	-	0	0.000	6	20.610
Secondary Distribution - Air National Guard	6	10.305	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	2	6.870	-	-	-	-	0	0.000	2	6.870
Secondary Distribution - Air National Guard	-	-	2	6.870	-	-	-	-	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 71 - E-8C Mods	Modification Nomenclature <i>(Modification Title, Modification Number):</i> Prime Mission Equipment - Diminishing Manufacturing Sources (PME- DMS) - 38198

Models of Systems Affected: E-8C	Type Modification: Capability Improvement	Related RDT&E PEs: 0207581F
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Installation: Prime Mission Equipment - Diminishing Manufacturing Sources (PME- DMS)	Method of Implementation: Contractor Facility	Installation Name:
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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	-	-	-	-	2	6.870	-	-	0	0.000	2	6.870
Secondary Distribution - Air National Guard	-	-	-	-	2	6.870	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	3	10.305	0	0.000	3	10.305
Secondary Distribution - Air National Guard	-	-	-	-	-	-	3	10.305	-	-	-	-
To Complete	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
Secondary Distribution - Air National Guard	0	0.000	0	0.000	0	0.000	0	0.000	-	-	-	-
Total	6	10.305	2	6.870	2	6.870	3	10.305	0	0.000	13	44.655
Secondary Distribution - Air National Guard	6	10.305	2	6.870	2	6.870	3	10.305	-	-	-	-

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	0	0	0	0	0	0	0	0	0	0	3	3	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	1	13
Out	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	1	0	2	0	0	0	1	1	0	0	2	0	0	1	13

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 71 - E-8C Mods	Modification Nomenclature <i>(Modification Title, Modification Number):</i> JTRS INTEGRATION - 38205

Models of Systems Affected: E-8C	Type Modification: Capability Improvement	Related RDT&E PEs: 0207581F
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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)	-	-	10.823	9.981	-	9.981	3.831	-	-	-	-	24.635
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	-	10.823	9.981	-	9.981	3.831	-	-	-	-	24.635
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	-	-	10.823	9.981	-	9.981	3.831	-	-	-	-	24.635

(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 Millions)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The Communications and Networking Upgrade (CNU) is communications upgrade for the E-8C Joint STARS. CNU resolves Cryptographic Modernization issues, frequency remapping issues, and diminishing manufacturing sources (DMS) issues faced by the communications systems on the E-8C. Included in CNU will be the integration of the Multi-Informational Distribution System Joint Tactical Radio System (MIDS JTRS) terminal. It will provide the E-8C with the ability to maintain the mission essential Link 16 capability.

The MIDS JTRS portion of CNU is a joint effort along with the AF JTRS program office and Air Combat Command's Air Force Command and Control Integration Center. The AF JTRS SPO is providing the MIDS JTRS equipment, and Joint STARS is providing the installation and integration onto the platform. RDT&E is fully and jointly funded by both the Joint STARS PE (0207581F) and the AF JTRS PE (0207423F). The Joint STARS PE (0207581F) is providing a total of \$7.951M (RDT&E). The AF JTRS PE (0207423F) is providing \$46.650M (RDT&E).

Future programs of the JSTARS communication upgrade roadmap will provide network functionality and info services to interact with additional platforms and end-users of E-8C data. These capabilities will provide video and other imagery, exchanges with other Intelligence, Surveillance, and Reconnaissance (ISR) platforms and data archives, a wide assortment of data products associated with both sensor improvements and an enhanced battle management, and the E-8 C2 role. Efforts to include Wideband Line of Site (LOS), Wideband Beyond Line of Site (BLOS) and networking upgrades including: continued JTRS waveform integration; Multi-Platform Common Data Link (MP-CDL); Advanced Extremely High Frequency (AEHF); Wideband Networking Waveform (WNNW); Enhanced Synthetic Aperture Radars (ESARs); Automatic Tasking Orders (ATOs), Tactical Targeting Network Technology (TTNT), and Family of Advanced Beyond-Line-of-Sight Terminals (FAB-T). This modification has related RDT&E funding in PE 0207581F.

There are a total of 16 aircraft to be MIDS JTRS modified with procurement funds.

The test aircraft, T-3, has been modified with RDT&E funds.

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Exhibit P-3A, Individual Modification: PB 2013 Air Force								Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5				P-1 Line Item Nomenclature: 71 - E-8C Mods				Modification Nomenclature (<i>Modification Title, Modification Number</i>): JTRS INTEGRATION - 38205					
Models of Systems Affected: E-8C				Type Modification: Capability Improvement				Related RDT&E PEs: 0207581F					
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
RDT&E PE #													
0207581F	0	6.799	0	0.693	0	0.036	0	0.000	0	0.000	0	0.000	
Procurement													
JTRS INTEGRATION													
A Kits													
Recurring													
INSTALL KITS Group A (Guard)	0	0.000	0	0.000	7	0.686	9	0.882	0	0.000	9	0.882	
<i>Subtotal Recurring</i>		0.000		0.000		0.686		0.882		0.000		0.882	
NonRecurring													
KITS NONRECUR Group A (Guard)	0	0.000	0	0.000	0	0.188	0	0.000	0	0.000	0	0.000	
<i>Subtotal NonRecurring</i>		0.000		0.000		0.188		0.000		0.000		0.000	
Secondary Distribution													
Air Force Active	0	0.000	0	0.000	0	3.001	0	1.539	0	0.000	0	1.539	
Air National Guard	0	0.000	0	0.000	7	0.874	9	0.882	0	0.000	9	0.882	
<i>Total, JTRS INTEGRATION</i>	0	0.000	0	0.000	7	0.874	9	0.882	0	0.000	9	0.882	
<i>Total, All Modifications</i>		0.000		0.000		0.874		0.882		0.000		0.882	
Support													
CHANGE ORDERS	0	0.000	0	0.000	0	1.043	0	0.274	0	0.000	0	0.274	
DATA	0	0.000	0	0.000	0	0.000	0	0.176	0	0.000	0	0.176	
A&AS	0	0.000	0	0.000	0	0.529	0	0.488	0	0.000	0	0.488	
PMA	0	0.000	0	0.000	0	0.655	0	0.580	0	0.000	0	0.580	
OTHER GOVT	0	0.000	0	0.000	0	0.774	0	0.021	0	0.000	0	0.021	
<i>Total Support Cost</i>		0.000		0.000		3.001		1.539		0.000		1.539	
<i>Procurement Cost (Procurement + Support)</i>		0.000		0.000		3.875		2.421		0.000		2.421	
<i>Total Installation Cost</i>		0.000		0.000		6.948		7.560		0.000		7.560	
Total Cost (Procurement + Support + Installation)		0.000		0.000		10.823		9.981		0.000		9.981	

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Exhibit P-3A, Individual Modification: PB 2013 Air Force									Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5				P-1 Line Item Nomenclature: 71 - E-8C Mods					Modification Nomenclature (<i>Modification Title, Modification Number</i>): JTRS INTEGRATION - 38205			
Models of Systems Affected: E-8C			Type Modification: Capability Improvement				Related RDT&E PEs: 0207581F					
Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
RDT&E PE #												
0207581F	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	7.528
Procurement												
JTRS INTEGRATION												
A Kits												
Recurring												
INSTALL KITS Group A (Guard)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	16	1.568
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		1.568
NonRecurring												
KITS NONRECUR Group A (Guard)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.188
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		0.188
Secondary Distribution												
Air Force Active	0	0.483	0	0.000	0	0.000	0	0.000	-	-	-	-
Air National Guard	0	0.000	0	0.000	0	0.000	0	0.000	-	-	-	-
<i>Total, JTRS INTEGRATION</i>	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	16	1.756
<i>Total, All Modifications</i>		0.000		0.000		0.000		0.000		0.000		1.756
Support												
CHANGE ORDERS	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	1.317
DATA	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.176
A&AS	0	0.187	0	0.000	0	0.000	0	0.000	0	0.000	0	1.204
PMA	0	0.223	0	0.000	0	0.000	0	0.000	0	0.000	0	1.458
OTHER GOVT	0	0.073	0	0.000	0	0.000	0	0.000	0	0.000	0	0.868
<i>Total Support Cost</i>		0.483		0.000		0.000		0.000		0.000		5.023
<i>Procurement Cost (Procurement + Support)</i>		0.483		0.000		0.000		0.000		0.000		6.779
<i>Total Installation Cost</i>		3.348		0.000		0.000		0.000		0.000		17.856
Total Cost (Procurement + Support + Installation)		3.831		0.000		0.000		0.000		0.000		24.635
Remarks:												

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 71 - E-8C Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): JTRS INTEGRATION - 38205
Models of Systems Affected: E-8C	Type Modification: Capability Improvement	Related RDT&E PEs: 0207581F

Manufacturer Information: JTRS INTEGRATION							
Manufacturer Name: Unknown				Manufacturer Location: Unknown			
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 2012	Jan 2013	Jan 2014			
Delivery Dates		Jun 2012	Jul 2013	Jul 2014			

Installation: JTRS INTEGRATION		Method of Implementation: Contractor Facility				Installation Name:						
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	-	-	-	-	4	6.948	2	1.116	-	-	2	1.116
Secondary Distribution - Air National Guard	-	-	-	-	4	6.948	2	1.116	-	-	2	1.116
FY 2013	-	-	-	-	-	-	0	6.444	-	-	0	6.444
Secondary Distribution - Air National Guard	-	-	-	-	-	-	0	6.444	-	-	0	6.444
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	0	0.000	0	0.000	-	-	0	0.000
Secondary Distribution - Air National Guard	-	-	-	-	0	0.000	0	0.000	-	-	0	0.000
Total	-	-	-	-	4	6.948	2	7.560	-	-	2	7.560
Secondary Distribution - Air National Guard	-	-	-	-	4	6.948	2	7.560	-	-	2	7.560

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	1	0.335	-	-	-	-	-	-	0	0.000	7	8.399
Secondary Distribution - Air National Guard	1	0.335	-	-	-	-	-	-	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 71 - E-8C Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): JTRS INTEGRATION - 38205
Models of Systems Affected: E-8C	Type Modification: Capability Improvement	Related RDT&E PEs: 0207581F

Installation: JTRS INTEGRATION	Method of Implementation: Contractor Facility	Installation Name:
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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	9	3.013	-	-	-	-	-	-	0	0.000	9	9.457
Secondary Distribution - Air National Guard	9	3.013	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	0	0.000	-	-	-	-	-	-	0	0.000	0	0.000
Secondary Distribution - Air National Guard	0	0.000	-	-	-	-	-	-	-	-	-	-
Total	10	3.348	-	-	-	-	-	-	0	0.000	16	17.856
Secondary Distribution - Air National Guard	10	3.348	-	-	-	-	-	-	-	-	-	-

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	0	0	0	0	0	2	2	0	2	0	0	3	3	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
Out	0	0	0	0	0	0	0	0	0	0	2	2	0	2	0	0	3	3	3	1	0	0	0	0	0	0	0	0	0	0	0	0	16

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

Appropriation / Budget Activity / Budget Sub Activity:
3010F : Aircraft Procurement, Air Force / BA 5 : Modification of Inservice Aircraft / BSA 5 : Other Aircraft

P-1 Line Item Nomenclature:
72 - H-1 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)	135.601	2.443	5.280	5.449	-	5.449	7.243	7.389	2.620	2.692	-	168.717
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	135.601	2.443	5.280	5.449	-	5.449	7.243	7.389	2.620	2.692	-	168.717
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	135.601	2.443	5.280	5.449	-	5.449	7.243	7.389	2.620	2.692	-	168.717

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

Description:

This line item funds modifications to UH-1N and UH-1H/TH-1H aircraft. The two-engine UH-1N is a light, utility helicopter primarily used for missile site and range support and distinguished visitor airlift support. The Huey II Modernization budgeted in FY2013 continues modification of single-engine UH-1H aircraft to TH-1H configuration for use in the helicopter track of USAF Specialized Undergraduate Pilot Training. There are 62 UH-1N aircraft in the inventory. They were built with an estimated service life of 10,000 flight hours and are not service limited due to on-going modifications and upgrades. There are currently 19 TH-1H aircraft in the inventory. The TH-1H modification provides a service life of 20 years. Aircraft are still being modified and delivered. The specific modifications budgeted and programmed are listed below.

Item Schedule		Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total			
Item Nomenclature*	Exhibits	ID CD	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
H-1 (See enclosed P-40A)	P40A				135.601			2.443			5.280			5.449			0.000			5.449
Total Gross/Weapon System Cost					135.601			2.443			5.280			5.449			-			5.449

*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:

With the exception of modifications listed in the P-40A, justification for individual modifications is provided in the P-3A exhibits.

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5 **P-1 Line Item Nomenclature:** 72 - H-1 Mods **Aggregated Item Name:** H-1

Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
<i>(Uncategorized)</i>																			
1 - HUEY II MODERNIZATION		-	26	135.601	-	0	0.966	-	0	0.862	-	0	0.960	-	0	0.000	-	0	0.960
<i>Secondary Distribution</i>																			
Air Force Active			26	135.601		0	0.966		0	0.862		0	0.960		0	0.000		0	0.960
2 - TRAFFIC ALERT & COLLISION AVOIDANCE SYSTEM		-	0	0.000	-	0	0.000	-	5	3.000	-	20	3.000	-	0	0.000	-	20	3.000
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		5	3.000		20	3.000		0	0.000		20	3.000
3 - LOW COST MODIFICATIONS		-	0	0.000	-	0	1.477	-	0	1.418	-	0	1.489	-	0	0.000	-	0	1.489
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	1.477		0	1.418		0	1.489		0	0.000		0	1.489
<i>Uncategorized Subtotal</i>				135.601			2.443			5.280			5.449			0.000			5.449
Total				135.601			2.443			5.280			5.449			0.000			5.449

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5 **P-1 Line Item Nomenclature:** 72 - H-1 Mods **Aggregated Item Name:** H-1

Items († indicates the presence of a P-5A)	ID CD	FY 2014			FY 2015			FY 2016			FY 2017			To Complete			Total		
		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
(Uncategorized)																			
1 - HUEY II MODERNIZATION		-	0	0.977	-	0	1.007	-	0	1.031	-	0	1.048	-	0	0.000	-	26	142.452
<i>Secondary Distribution</i>																			
Air Force Active			0	0.977		0	1.007		0	1.031		0	1.048						
2 - TRAFFIC ALERT & COLLISION AVOIDANCE SYSTEM		-	20	4.750	-	17	4.750	-	0	0.000	-	0	0.000	-	0	0.000	-	62	15.500
<i>Secondary Distribution</i>																			
Air Force Active			20	4.750		17	4.750		0	0.000		0	0.000						
3 - LOW COST MODIFICATIONS		-	0	1.516	-	0	1.632	-	0	1.589	-	0	1.644	-	0	0.000	-	0	10.765
<i>Secondary Distribution</i>																			
Air Force Active			0	1.516		0	1.632		0	1.589		0	1.644						
<i>Uncategorized Subtotal</i>				7.243			7.389			2.620			2.692			0.000			168.717
Total				7.243			7.389			2.620			2.692			0.000			168.717

Remarks:

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

Appropriation / Budget Activity / Budget Sub Activity:
3010F : Aircraft Procurement, Air Force / BA 5 : Modification of Inservice Aircraft / BSA 5 : Other Aircraft

P-1 Line Item Nomenclature:
73 - HH-60 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)	218.591	70.098	58.971	26.227	-	26.227	31.743	21.742	11.164	11.518	2.733	452.787
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	218.591	70.098	58.971	26.227	-	26.227	31.743	21.742	11.164	11.518	2.733	452.787
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	218.591	70.098	58.971	26.227	-	26.227	31.743	21.742	11.164	11.518	2.733	452.787

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

Description:

PY funding totals include \$60.4M appropriated for Overseas Contingency Operations.

This line item funds modifications to the HH-60G helicopter. The HH-60G currently supports the Air Force's core function of Personnel Recovery. The primary mission of the HH-60G is to conduct day / night / marginal weather Combat Search and Rescue (CSAR) in order to recover downed aircrew or other isolated personnel in hostile or permissive environments. Other mission areas include casualty evacuation (CASEVAC), medical evacuation (MEDEVAC), non-combatant evacuation operations, civil search and rescue, international aid, disaster humanitarian relief, and insertion/extraction of combat forces. There are currently 99 of the original 112 HH-60G remaining.

The modification efforts budgeted in FY13 provide predictive maintenance analysis, safety/survivability upgrades, mission avionics upgrades, and addresses obsolescence issues. Installation schedules will be based on aircraft availability and operations tempo.

Item Schedule		Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total			
Item Nomenclature*	Exhibits	ID CD	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
HH-60 (See enclosed P-40A)	P40A				218.591			68.360			33.774			10.993			0.000			10.993
MODE 5 - 8850	P3A		-	-	-	-	-	1.738	-	-	7.906	-	-	7.903	-	-	-	-	-	7.903
CSAR Avionics/Electrical Upgrade - 8852	P3A		-	-	-	-	-	-	-	-	17.291	-	-	7.331	-	-	-	-	-	7.331
Total Gross/Weapon System Cost					218.591			70.098			58.971			26.227			-			26.227

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

Appropriation / Budget Activity / Budget Sub Activity: 3010F : Aircraft Procurement, Air Force / BA 5 : Modification of Inservice Aircraft / BSA 5 : Other Aircraft	P-1 Line Item Nomenclature: 73 - HH-60 Mods
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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 (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
HH-60 (See enclosed P-40A)	P40A				18.000			11.373			1.322			6.918			1.833			371.164
MODE 5 - 8850	P3A		-	-	5.609	-	-	1.600	-	-	6.693	-	-	2.600	-	-	0.900	-	-	34.949
CSAR Avionics/Electrical Upgrade - 8852	P3A		-	-	8.134	-	-	8.769	-	-	3.149	-	-	2.000	-	-	-	-	-	46.674
Total Gross/Weapon System Cost					31.743			21.742			11.164			11.518			2.733			452.787

*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:
 With the exception of modifications listed in the P-40A, justification for individual modifications is provided in the P-3A exhibits.

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force															Date: February 2012				
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5					P-1 Line Item Nomenclature: 73 - HH-60 Mods					Aggregated Item Name: HH-60									
Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
(Uncategorized)																			
1 - ALTITUDE HOLD AND HOVER SYSTEM (AHHS)		-	0	15.110	-	0	0.000	-	0	1.200	-	0	1.200	-	0	0.000	-	0	1.200
<i>Secondary Distribution</i>																			
Air Force Active			0	15.110		0	0.000		0	1.200		0	1.200		0	0.000		0	1.200
2 - FLIR		-	0	81.781	-	0	20.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000
<i>Secondary Distribution</i>																			
Air Force Active			0	64.656		0	20.000		0	0.000		0	0.000		0	0.000		0	0.000
Air National Guard			0	8.925		0	0.000		0	0.000		0	0.000		0	0.000		0	0.000
Air Force Reserve			0	8.200		0	0.000		0	0.000		0	0.000		0	0.000		0	0.000
3 - SERVICE LIFE EXTENSION PROGRAM		-	49	27.480	-	0	4.857	-	0	4.720	-	0	0.100	-	0	0.000	-	0	0.100
<i>Secondary Distribution</i>																			
Air Force Active			42	24.400		0	3.241		0	4.720		0	0.100		0	0.000		0	0.100
Air National Guard			7	3.080		0	1.616		0	0.000		0	0.000		0	0.000		0	0.000
4 - LIGHTWEIGHT AIRBORNE RECOVERY SYSTEM V12 UPGRADE		-	99	12.106	-	0	0.152	-	0	4.841	-	0	2.317	-	0	0.000	-	0	2.317
<i>Secondary Distribution</i>																			
Air Force Active			67	8.918		0	0.152		0	4.841		0	0.940		0	0.000		0	0.940
Air National Guard			17	1.693		0	0.000		0	0.000		0	0.876		0	0.000		0	0.876
Air Force Reserve			15	1.495		0	0.000		0	0.000		0	0.501		0	0.000		0	0.501
5 - Control Display Unit (CDU)		-	0	0.000	-	99	12.500	-	0	0.000	-	0	0.550	-	0	0.000	-	0	0.550
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		67	9.530		0	0.000		0	0.550		0	0.000		0	0.550
Air National Guard			0	0.000		17	1.620		0	0.000		0	0.000		0	0.000		0	0.000
Air Force Reserve			0	0.000		15	1.350		0	0.000		0	0.000		0	0.000		0	0.000
6 - Navigation System Upgrade (NSU)		-	0	0.000	-	44	27.900	-	28	10.000	-	0	0.500	-	0	0.000	-	0	0.500
<i>Secondary Distribution</i>																			

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5 **P-1 Line Item Nomenclature:** 73 - HH-60 Mods **Aggregated Item Name:** HH-60

Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Air Force Active			0	0.000		32	23.652		18	6.460		0	0.500		0	0.000		0	0.500
Air National Guard			0	0.000		7	2.478		5	1.770		0	0.000		0	0.000		0	0.000
Air Force Reserve			0	0.000		5	1.770		5	1.770		0	0.000		0	0.000		0	0.000
7 - Vibration Monitoring System (VMS)		-	88	25.303	-	0	0.000	-	0	3.720	-	0	3.816	-	0	0.000	-	0	3.816
<i>Secondary Distribution</i>																			
Air Force Active			56	14.827		0	0.000		0	2.015		0	2.067		0	0.000		0	2.067
Air National Guard			17	5.456		0	0.000		0	0.930		0	0.954		0	0.000		0	0.954
Air Force Reserve			15	5.020		0	0.000		0	0.775		0	0.795		0	0.000		0	0.795
8 - Situation Awareness Data-Link		-	99	21.530	-	0	0.407	-	0	0.000	-	0	0.100	-	0	0.000	-	0	0.100
<i>Secondary Distribution</i>																			
Air Force Active			67	15.833		0	0.407		0	0.000		0	0.100		0	0.000		0	0.100
Air National Guard			17	4.050		0	0.000		0	0.000		0	0.000		0	0.000		0	0.000
Air Force Reserve			15	1.647		0	0.000		0	0.000		0	0.000		0	0.000		0	0.000
9 - Multi-function Color Display		-	99	23.796	-	0	0.728	-	0	2.088	-	0	1.099	-	0	0.000	-	0	1.099
<i>Secondary Distribution</i>																			
Air Force Active			67	20.482		0	0.728		0	2.063		0	0.801		0	0.000		0	0.801
Air National Guard			17	1.761		0	0.000		0	0.000		0	0.175		0	0.000		0	0.175
Air Force Reserve			15	1.553		0	0.000		0	0.025		0	0.123		0	0.000		0	0.123
10 - Gun Replacement		-	38	10.003	-	0	0.345	-	0	0.000	-	0	0.100	-	0	0.000	-	0	0.100
<i>Secondary Distribution</i>																			
Air Force Active			6	5.865		0	0.345		0	0.000		0	0.100		0	0.000		0	0.100
Air National Guard			17	2.199		0	0.000		0	0.000		0	0.000		0	0.000		0	0.000
Air Force Reserve			15	1.939		0	0.000		0	0.000		0	0.000		0	0.000		0	0.000
11 - DEFENSIVE SYSTEM UPGRADE		-	0	0.000	-	0	0.000	-	28	5.800	-	0	0.600	-	0	0.000	-	0	0.600
<i>Secondary Distribution</i>																			

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5 **P-1 Line Item Nomenclature:** 73 - HH-60 Mods **Aggregated Item Name:** HH-60

Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Air Force Active			0	0.000		0	0.000		18	3.800		0	0.600		0	0.000		0	0.600
Air National Guard			0	0.000		0	0.000		5	1.000		0	0.000		0	0.000		0	0.000
Air Force Reserve			0	0.000		0	0.000		5	1.000		0	0.000		0	0.000		0	0.000
12 - LOW COST MODIFICATIONS		-	0	1.482	-	0	1.471	-	0	1.405	-	0	0.611	-	0	0.000	-	0	0.611
<i>Secondary Distribution</i>																			
Air Force Active			0	1.482		0	1.471		0	1.405		0	0.611		0	0.000		0	0.611
<i>Uncategorized Subtotal</i>				218.591			68.360			33.774			10.993			0.000			10.993
Total				218.591			68.360			33.774			10.993			0.000			10.993

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force															Date: February 2012				
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5					P-1 Line Item Nomenclature: 73 - HH-60 Mods					Aggregated Item Name: HH-60									
Items († indicates the presence of a P-5A)	ID CD	FY 2014			FY 2015			FY 2016			FY 2017			To Complete			Total		
		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
(Uncategorized)																			
1 - ALTITUDE HOLD AND HOVER SYSTEM (AHHS)		-	0	1.000	-	0	1.000	-	0	0.100	-	0	0.000	-	0	0.000	-	0	19.610
<i>Secondary Distribution</i>																			
Air Force Active			0	1.000		0	1.000		0	0.100		0	0.000						
2 - FLIR		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	101.781
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.000						
Air National Guard			0	0.000		0	0.000		0	0.000		0	0.000						
Air Force Reserve			0	0.000		0	0.000		0	0.000		0	0.000						
3 - SERVICE LIFE EXTENSION PROGRAM		-	0	0.100	-	0	0.100	-	0	0.000	-	0	0.000	-	0	0.000	-	49	37.357
<i>Secondary Distribution</i>																			
Air Force Active			0	0.100		0	0.100		0	0.000		0	0.000						
Air National Guard			0	0.000		0	0.000		0	0.000		0	0.000						
4 - LIGHTWEIGHT AIRBORNE RECOVERY SYSTEM V12 UPGRADE		-	0	0.259	-	0	0.250	-	0	0.000	-	0	0.000	-	0	0.000	-	99	19.925
<i>Secondary Distribution</i>																			
Air Force Active			0	0.259		0	0.250		0	0.000		0	0.000						
Air National Guard			0	0.000		0	0.000		0	0.000		0	0.000						
Air Force Reserve			0	0.000		0	0.000		0	0.000		0	0.000						
5 - Control Display Unit (CDU)		-	0	0.500	-	0	0.500	-	0	0.000	-	0	0.000	-	0	0.000	-	99	14.050
<i>Secondary Distribution</i>																			
Air Force Active			0	0.500		0	0.500		0	0.000		0	0.000						
Air National Guard			0	0.000		0	0.000		0	0.000		0	0.000						
Air Force Reserve			0	0.000		0	0.000		0	0.000		0	0.000						
6 - Navigation System Upgrade (NSU)		-	27	9.808	-	0	0.500	-	0	0.500	-	0	2.800	-	0	0.000	-	99	52.008
<i>Secondary Distribution</i>																			

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5 **P-1 Line Item Nomenclature:** 73 - HH-60 Mods **Aggregated Item Name:** HH-60

Items († indicates the presence of a P-5A)	ID CD	FY 2014			FY 2015			FY 2016			FY 2017			To Complete			Total		
		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Air Force Active			17	6.268		0	0.500		0	0.500		0	2.800						
Air National Guard			5	1.770		0	0.000		0	0.000		0	0.000						
Air Force Reserve			5	1.770		0	0.000		0	0.000		0	0.000						
7 - Vibration Monitoring System (VMS)		-	0	4.008	-	0	1.900	-	0	0.000	-	0	0.000	-	0	0.000	-	88	38.747
<i>Secondary Distribution</i>																			
Air Force Active			0	3.006		0	1.900		0	0.000		0	0.000						
Air National Guard			0	0.501		0	0.000		0	0.000		0	0.000						
Air Force Reserve			0	0.501		0	0.000		0	0.000		0	0.000						
8 - Situation Awareness Data-Link		-	0	0.100	-	0	0.182	-	0	0.000	-	0	0.000	-	0	0.000	-	99	22.319
<i>Secondary Distribution</i>																			
Air Force Active			0	0.100		0	0.182		0	0.000		0	0.000						
Air National Guard			0	0.000		0	0.000		0	0.000		0	0.000						
Air Force Reserve			0	0.000		0	0.000		0	0.000		0	0.000						
9 - Multi-function Color Display		-	0	0.505	-	0	0.500	-	0	0.000	-	0	0.000	-	0	0.000	-	99	28.716
<i>Secondary Distribution</i>																			
Air Force Active			0	0.505		0	0.500		0	0.000		0	0.000						
Air National Guard			0	0.000		0	0.000		0	0.000		0	0.000						
Air Force Reserve			0	0.000		0	0.000		0	0.000		0	0.000						
10 - Gun Replacement		-	0	0.100	-	0	0.100	-	0	0.100	-	0	0.100	-	0	0.300	-	38	11.148
<i>Secondary Distribution</i>																			
Air Force Active			0	0.100		0	0.100		0	0.100		0	0.100						
Air National Guard			0	0.000		0	0.000		0	0.000		0	0.000						
Air Force Reserve			0	0.000		0	0.000		0	0.000		0	0.000						
11 - DEFENSIVE SYSTEM UPGRADE		-	0	0.500	-	28	5.830	-	0	0.111	-	0	2.109	-	0	0.000	-	56	14.950
<i>Secondary Distribution</i>																			

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5 **P-1 Line Item Nomenclature:** 73 - HH-60 Mods **Aggregated Item Name:** HH-60

Items († indicates the presence of a P-5A)	ID CD	FY 2014			FY 2015			FY 2016			FY 2017			To Complete			Total		
		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Air Force Active			0	0.500		18	3.830		0	0.111		0	2.109						
Air National Guard			0	0.000		5	1.000		0	0.000		0	0.000						
Air Force Reserve			0	0.000		5	1.000		0	0.000		0	0.000						
12 - LOW COST MODIFICATIONS		-	0	1.120	-	0	0.511	-	0	0.511	-	0	1.909	-	0	1.533	-	0	10.553
<i>Secondary Distribution</i>																			
Air Force Active			0	1.120		0	0.511		0	0.511		0	1.909						
<i>Uncategorized Subtotal</i>				18.000			11.373			1.322			6.918			0.000			371.164
Total				18.000			11.373			1.322			6.918			1.833			371.164

Remarks:

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 73 - HH-60 Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): MODE 5 - 8850

Models of Systems Affected: HH-60G	Type Modification: Capability Improvement	Related RDT&E PEs: 0207224F
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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)	-	1.738	7.906	7.903	-	7.903	5.609	1.600	6.693	2.600	0.900	34.949
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	1.738	7.906	7.903	-	7.903	5.609	1.600	6.693	2.600	0.900	34.949
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	-	1.738	7.906	7.903	-	7.903	5.609	1.600	6.693	2.600	0.900	34.949

(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 Millions)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The Mode 5 modification program is an OSD-mandated upgrade to the HH-60G's IFF system--the primary means of aircraft identification during Air Defense operations. It provides the HH-60G with a system that uses modern modulation, coding, and cryptographic techniques to overcome performance and security limitations in the current systems, and provides expanded data handling capabilities to securely pass GPS position and other data. Funding in FY12 procures kits and other modification program support. FY13 funding and beyond will be used for kit procurement and installations. Installation will be a combination of Contractor Field Teams as well as Depot Level install to maximize Air Force resources and minimize downtime. Production installs will be accomplished in conjunction with Mod 8565, Navigation System Upgrade (NSU).

Without this system aircraft are restricted from flying in certain airspaces.

This program has associated FY11 RDT&E funding in PE 0207224F.

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Exhibit P-3A, Individual Modification: PB 2013 Air Force								Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5				P-1 Line Item Nomenclature: 73 - HH-60 Mods				Modification Nomenclature (<i>Modification Title, Modification Number</i>): MODE 5 - 8850					
Models of Systems Affected: HH-60G			Type Modification: Capability Improvement				Related RDT&E PEs: 0207224F						
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
RDT&E PE #													
0207224F	0	0.000	1	0.912	0	0.000	0	0.000	0	0.000	0	0.000	
Procurement													
MODE 5													
A Kits													
Recurring													
INSTALL KITS Group A (Active)	0	0.000	0	0.000	9	0.225	9	0.238	0	0.000	9	0.238	
INSTALL KITS Group A (Guard)	0	0.000	0	0.000	8	0.200	9	0.238	0	0.000	9	0.238	
INSTALL KITS Group A (Reserve)	0	0.000	0	0.000	8	0.200	7	0.185	0	0.000	7	0.185	
<i>Subtotal Recurring</i>		<i>0.000</i>		<i>0.000</i>		<i>0.625</i>		<i>0.661</i>		<i>0.000</i>		<i>0.661</i>	
NonRecurring													
KITS NONRECUR Group A (Active)	0	0.000	1	0.115	0	0.000	0	0.000	0	0.000	0	0.000	
<i>Subtotal NonRecurring</i>		<i>0.000</i>		<i>0.115</i>		<i>0.000</i>		<i>0.000</i>		<i>0.000</i>		<i>0.000</i>	
B Kits													
Recurring													
EQUIPMENT Group B (Active)	0	0.000	2	0.360	9	1.620	9	1.717	0	0.000	9	1.717	
EQUIPMENT Group B (Guard)	0	0.000	0	0.000	8	1.440	9	1.717	0	0.000	9	1.717	
EQUIPMENT Group B (Reserve)	0	0.000	0	0.000	8	1.440	7	1.335	0	0.000	7	1.335	
<i>Subtotal Recurring</i>		<i>0.000</i>		<i>0.360</i>		<i>4.500</i>		<i>4.769</i>		<i>0.000</i>		<i>4.769</i>	
Secondary Distribution													
Air Force Active	0	0.000	1	1.693	9	4.060	9	3.862	0	0.000	9	3.862	
Air National Guard	0	0.000	0	0.000	8	1.640	9	1.955	0	0.000	9	1.955	
Air Force Reserve	0	0.000	0	0.000	8	1.640	7	1.520	0	0.000	7	1.520	
<i>Total, MODE 5</i>	<i>0</i>	<i>0.000</i>	<i>1</i>	<i>0.475</i>	<i>25</i>	<i>5.125</i>	<i>25</i>	<i>5.430</i>	<i>0</i>	<i>0.000</i>	<i>25</i>	<i>5.430</i>	
<i>Total, All Modifications</i>		<i>0.000</i>		<i>0.475</i>		<i>5.125</i>		<i>5.430</i>		<i>0.000</i>		<i>5.430</i>	
Support													
CHANGE ORDERS	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	
DATA	0	0.000	0	0.300	0	0.020	0	0.000	0	0.000	0	0.000	
SIM/TRAINER	0	0.000	0	0.000	0	0.000	3	0.250	0	0.000	3	0.250	

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 73 - HH-60 Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): MODE 5 - 8850

Models of Systems Affected: HH-60G	Type Modification: Capability Improvement	Related RDT&E PEs: 0207224F
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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)
SUPPORT- EQUIP	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FLIGHT TEST	0	0.000	0	0.100	0	0.270	0	0.000	0	0.000	0	0.000
Install Spares	0	0.000	0	0.000	0	0.000	5	0.957	0	0.000	5	0.957
KIT PROOF	0	0.000	0	0.000	0	0.025	0	0.000	0	0.000	0	0.000
OTHER GOVT	0	0.000	0	0.270	0	1.580	0	0.380	0	0.000	0	0.380
PMA - Contractor Services	0	0.000	0	0.548	0	0.300	0	0.300	0	0.000	0	0.300
PMA - Gov't Costs	0	0.000	0	0.000	0	0.020	0	0.020	0	0.000	0	0.020
<i>Total Support Cost</i>		<i>0.000</i>		<i>1.218</i>		<i>2.215</i>		<i>1.907</i>		<i>0.000</i>		<i>1.907</i>
<i>Procurement Cost (Procurement + Support)</i>		<i>0.000</i>		<i>1.693</i>		<i>7.340</i>		<i>7.337</i>		<i>0.000</i>		<i>7.337</i>
<i>Total Installation Cost</i>		<i>0.000</i>		<i>0.045</i>		<i>0.566</i>		<i>0.566</i>		<i>0.000</i>		<i>0.566</i>
Total Cost (Procurement + Support + Installation)		0.000		1.738		7.906		7.903		0.000		7.903

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
RDT&E PE #												
0207224F	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	1	0.912
Procurement												
MODE 5												
A Kits												
Recurring												
INSTALL KITS Group A (Active)	20	0.562	6	0.179	21	0.625	0	0.000	0	0.000	65	1.829
INSTALL KITS Group A (Guard)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	17	0.438
INSTALL KITS Group A (Reserve)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	15	0.385
<i>Subtotal Recurring</i>		<i>0.562</i>		<i>0.179</i>		<i>0.625</i>		<i>0.000</i>		<i>0.000</i>		<i>2.652</i>
NonRecurring												
KITS NONRECUR Group A (Active)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	1	0.115
<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>0.115</i>
B Kits												
Recurring												

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Exhibit P-3A, Individual Modification: PB 2013 Air Force									Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5				P-1 Line Item Nomenclature: 73 - HH-60 Mods					Modification Nomenclature (<i>Modification Title, Modification Number</i>): MODE 5 - 8850			
Models of Systems Affected: HH-60G			Type Modification: Capability Improvement				Related RDT&E PEs: 0207224F					
Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
EQUIPMENT Group B (Active)	20	4.045	6	1.026	21	4.502	0	0.000	0	0.000	67	13.270
EQUIPMENT Group B (Guard)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	17	3.157
EQUIPMENT Group B (Reserve)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	15	2.775
<i>Subtotal Recurring</i>		4.045		1.026		4.502		0.000		0.000		19.202
Secondary Distribution												
Air Force Active	20	5.157	6	1.465	21	6.227	0	2.600	-	-	-	-
Air National Guard	0	0.000	0	0.000	0	0.000	0	0.000	-	-	-	-
Air Force Reserve	0	0.000	0	0.000	0	0.000	0	0.000	-	-	-	-
<i>Total, MODE 5</i>	20	4.607	6	1.205	21	5.127	0	0.000	0	0.000	98	21.969
<i>Total, All Modifications</i>		4.607		1.205		5.127		0.000		0.000		21.969
Support												
CHANGE ORDERS	0	0.000	0	0.000	0	0.500	0	0.500	0	0.000	0	1.000
DATA	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.320
SIM/TRAINER	0	0.000	0	0.000	0	0.000	0	0.800	0	0.000	3	1.050
SUPPORT- EQUIP	0	0.000	0	0.000	0	0.000	0	0.700	0	0.000	0	0.700
FLIGHT TEST	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.370
Install Spares	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	5	0.957
KIT PROOF	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.025
OTHER GOVT	0	0.300	0	0.000	0	0.230	0	0.280	0	0.000	0	3.040
PMA - Contractor Services	0	0.230	0	0.240	0	0.350	0	0.300	0	0.900	0	3.168
PMA - Gov't Costs	0	0.020	0	0.020	0	0.020	0	0.020	0	0.000	0	0.120
<i>Total Support Cost</i>		0.550		0.260		1.100		2.600		0.900		10.750
<i>Procurement Cost (Procurement + Support)</i>		5.157		1.465		6.227		2.600		0.900		32.719
<i>Total Installation Cost</i>		0.452		0.135		0.466		0.000		0.000		2.230
Total Cost (Procurement + Support + Installation)		5.609		1.600		6.693		2.600		0.900		34.949
Remarks:												
Manufacturer Information: MODE 5												
Manufacturer Name: TBD						Manufacturer Location: TBD						

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Exhibit P-3A, Individual Modification: PB 2013 Air Force										Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5					P-1 Line Item Nomenclature: 73 - HH-60 Mods					Modification Nomenclature (<i>Modification Title, Modification Number</i>): MODE 5 - 8850			
Models of Systems Affected: HH-60G				Type Modification: Capability Improvement				Related RDT&E PEs: 0207224F					
Manufacturer Information: MODE 5													
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	Oct 2011	Nov 2012	Nov 2013	Nov 2014	Nov 2015	Nov 2016							
Delivery Dates	Dec 2012	Nov 2013	Nov 2014	Nov 2015	Nov 2016	Nov 2017							
Installation: MODE 5													
Method of Implementation: Combination						Installation Name:							
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	-	-	2	0.045	-	-	-	-	-	-	-	-	
Secondary Distribution - Air Force Active	-	-	2	0.045	-	-	-	-	-	-	-	-	
FY 2012	-	-	-	-	25	0.566	-	-	-	-	-	-	
Secondary Distribution - Air Force Active	-	-	-	-	9	0.204	-	-	-	-	-	-	
Secondary Distribution - Air National Guard	-	-	-	-	8	0.181	-	-	-	-	-	-	
Secondary Distribution - Air Force Reserve	-	-	-	-	8	0.181	-	-	-	-	-	-	
FY 2013	-	-	-	-	-	-	25	0.566	-	-	25	0.566	
Secondary Distribution - Air Force Active	-	-	-	-	-	-	9	0.204	-	-	9	0.204	
Secondary Distribution - Air National Guard	-	-	-	-	-	-	9	0.204	-	-	9	0.204	
Secondary Distribution - Air Force Reserve	-	-	-	-	-	-	7	0.158	-	-	7	0.158	
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-	
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-	
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-	
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-	
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-	
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-	
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-	
To Complete	-	-	0	0.000	0	0.000	0	0.000	-	-	0	0.000	
Secondary Distribution - Air Force Active	-	-	0	0.000	0	0.000	0	0.000	-	-	0	0.000	
Secondary Distribution - Air National Guard	-	-	-	-	0	0.000	0	0.000	-	-	0	0.000	
Secondary Distribution - Air Force Reserve	-	-	-	-	0	0.000	0	0.000	-	-	0	0.000	
Total	-	-	2	0.045	25	0.566	25	0.566	-	-	25	0.566	
Secondary Distribution - Air Force Active	-	-	2	0.045	9	0.204	9	0.204	-	-	9	0.204	

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Exhibit P-3A, Individual Modification: PB 2013 Air Force										Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5					P-1 Line Item Nomenclature: 73 - HH-60 Mods					Modification Nomenclature (<i>Modification Title, Modification Number</i>): MODE 5 - 8850			
Models of Systems Affected: HH-60G				Type Modification: Capability Improvement				Related RDT&E PEs: 0207224F					
Installation: MODE 5				Method of Implementation: Combination				Installation Name:					
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>	
	-	-	-	-	8	0.181	9	0.204	-	-	9	0.204	
Secondary Distribution - Air National Guard	-	-	-	-	8	0.181	7	0.158	-	-	7	0.158	
Secondary Distribution - Air Force Reserve	-	-	-	-	-	-	-	-	-	-	-	-	
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	-	-	-	-	-	-	-	-	0	0.000	2	0.045	
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-	
FY 2012	-	-	-	-	-	-	-	-	0	0.000	25	0.566	
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-	
Secondary Distribution - Air National Guard	-	-	-	-	-	-	-	-	-	-	-	-	
Secondary Distribution - Air Force Reserve	-	-	-	-	-	-	-	-	-	-	-	-	
FY 2013	-	-	-	-	-	-	-	-	0	0.000	25	0.566	
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-	
Secondary Distribution - Air National Guard	-	-	-	-	-	-	-	-	-	-	-	-	
Secondary Distribution - Air Force Reserve	-	-	-	-	-	-	-	-	-	-	-	-	
FY 2014	20	0.452	-	-	-	-	-	-	0	0.000	20	0.452	
Secondary Distribution - Air Force Active	20	0.452	-	-	-	-	-	-	-	-	-	-	
FY 2015	-	-	6	0.135	-	-	-	-	0	0.000	6	0.135	
Secondary Distribution - Air Force Active	-	-	6	0.135	-	-	-	-	-	-	-	-	
FY 2016	-	-	-	-	21	0.466	-	-	0	0.000	21	0.466	
Secondary Distribution - Air Force Active	-	-	-	-	21	0.466	-	-	-	-	-	-	
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-	
To Complete	0	0.000	0	0.000	0	0.000	-	-	0	0.000	0	0.000	
Secondary Distribution - Air Force Active	0	0.000	0	0.000	0	0.000	-	-	-	-	-	-	
Secondary Distribution - Air National Guard	-	-	-	-	-	-	-	-	-	-	-	-	
Secondary Distribution - Air Force Reserve	-	-	-	-	-	-	-	-	-	-	-	-	
Total	20	0.452	6	0.135	21	0.466	-	-	0	0.000	99	2.230	
Secondary Distribution - Air Force Active	20	0.452	6	0.135	21	0.466	-	-	-	-	-	-	
Secondary Distribution - Air National Guard	-	-	-	-	-	-	-	-	-	-	-	-	

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5		P-1 Line Item Nomenclature: 73 - HH-60 Mods
Models of Systems Affected: HH-60G		Modification Nomenclature (<i>Modification Title, Modification Number</i>): MODE 5 - 8850
Type Modification: Capability Improvement		Related RDT&E PEs: 0207224F

Installation: MODE 5	Method of Implementation: Combination	Installation Name:
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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)
Secondary Distribution - Air Force Reserve	-	-	-	-	-	-	-	-	-	-	-	-

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	0	0	0	0	0	0	0	2	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	3	0	0	99
Out	0	0	0	0	0	0	0	0	0	2	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	3	0	0	99

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 73 - HH-60 Mods	Modification Nomenclature (Modification Title, Modification Number): CSAR Avionics/Electrical Upgrade - 8852

Models of Systems Affected: HH-60G	Type Modification: Capability Improvement	Related RDT&E PEs: 0207224F
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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)	-	-	17.291	7.331	-	7.331	8.134	8.769	3.149	2.000	-	46.674
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	-	17.291	7.331	-	7.331	8.134	8.769	3.149	2.000	-	46.674
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	-	-	17.291	7.331	-	7.331	8.134	8.769	3.149	2.000	-	46.674

(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 Millions)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

This modification includes but not limited to upgrading critical HH-60G equipment including Right Hand Relay Panels (RHRP) and Aircraft Generators, Advanced Heading Reference Units (AHRUs), cockpit reconfiguration/re-wiring and a communications overhaul. The upgrades are due in part to obsolescence and advancing technology, and will address the necessary component replacement, wiring technical data and qualification testing.

This effort will be executed in several projects and will provide the following capabilities:

RHRP/Aircraft Generators: Replaces the currently obsolete RHRP with sustainable RHRPs being procured and sustained by the US Army. Purchase and installation of this item will give the Air Force Pave Hawk fleet commonality within the DoD. Concurrent with upgrading the RHRP will be the replacement of current on-board generators with those that can support the electrical requirements of the aircraft.

AHRU: Replaces currently obsolete gyroscopic devices with digital AHRUs. Installing AHRUs will give the Air Force Pave Hawk fleet commonality within the DoD, reduce maintenance failure rates and reduce the overall weight of the aircraft.

Communications Overhaul: Combines communications modifications to replace obsolete communication equipment, streamline logistical supportability and resolve urgent operational needs requirements. Will include an additional satellite communications (SATCOM) radio/antenna, multi-spectrum radio, the ability to increase frequency capacity, correct frequency modulation (FM) immunity issues and allow for digital voice/data communications by SATCOM.

Cockpit Reconfiguration/Re-wiring: Reconfigure cockpit console and replace wiring.

FY12 Funds continue integration, TDP, Tech Data, Software Integration, Trial Install, Kit Proof and Flight Testing, travel, cockpit reconfiguration/rewiring

FY13 Funds will be used for initial Production Install & CLS support

* Installs could be a combination of Depot Level Modifications, Contract Field Teams, Depot Labor, and O&I Level. Costs/schedules are only estimates at this time and are subject to contract negotiations and award.

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 73 - HH-60 Mods	Modification Nomenclature <i>(Modification Title, Modification Number):</i> CSAR Avionics/Electrical Upgrade - 8852
Models of Systems Affected: HH-60G	Type Modification: Capability Improvement	Related RDT&E PEs: 0207224F

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Exhibit P-3A, Individual Modification: PB 2013 Air Force									Date: February 2012				
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5				P-1 Line Item Nomenclature: 73 - HH-60 Mods					Modification Nomenclature (<i>Modification Title, Modification Number</i>): CSAR Avionics/Electrical Upgrade - 8852				
Models of Systems Affected: HH-60G			Type Modification: Capability Improvement				Related RDT&E PEs: 0207224F						
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
CSAR Avionics/Electrical Upgrade													
A Kits													
Recurring													
INSTALL KITS Group A (Active)	0	0.000	0	0.000	0	0.000	6	0.471	0	0.000	6	0.471	
INSTALL KITS Group A (Guard)	0	0.000	0	0.000	0	0.000	5	0.393	0	0.000	5	0.393	
INSTALL KITS Group A (Reserve)	0	0.000	0	0.000	0	0.000	5	0.393	0	0.000	5	0.393	
<i>Subtotal Recurring</i>		<i>0.000</i>		<i>0.000</i>		<i>0.000</i>		<i>1.257</i>		<i>0.000</i>		<i>1.257</i>	
NonRecurring													
KITS NONRECUR Group A (Active)	0	0.000	0	0.000	28	5.335	0	0.000	0	0.000	0	0.000	
<i>Subtotal NonRecurring</i>		<i>0.000</i>		<i>0.000</i>		<i>5.335</i>		<i>0.000</i>		<i>0.000</i>		<i>0.000</i>	
B Kits													
Recurring													
EQUIPMENT Group B (Active)	0	0.000	0	0.000	0	0.000	6	1.454	0	0.000	6	1.454	
EQUIPMENT Group B (Guard)	0	0.000	0	0.000	0	0.000	5	1.250	0	0.000	5	1.250	
EQUIPMENT Group B (Reserve)	0	0.000	0	0.000	0	0.000	5	1.250	0	0.000	5	1.250	
<i>Subtotal Recurring</i>		<i>0.000</i>		<i>0.000</i>		<i>0.000</i>		<i>3.954</i>		<i>0.000</i>		<i>3.954</i>	
NonRecurring													
EQUIP NONREC Group B (Active)	0	0.000	0	0.000	28	4.635	0	0.000	0	0.000	0	0.000	
<i>Subtotal NonRecurring</i>		<i>0.000</i>		<i>0.000</i>		<i>4.635</i>		<i>0.000</i>		<i>0.000</i>		<i>0.000</i>	
Secondary Distribution													
Air Force Active	0	0.000	0	0.000	28	14.591	6	3.245	0	0.000	6	3.245	
Air National Guard	0	0.000	0	0.000	0	0.000	5	1.643	0	0.000	5	1.643	
Air Force Reserve	0	0.000	0	0.000	0	0.000	5	1.643	0	0.000	5	1.643	
<i>Total, CSAR Avionics/Electrical Upgrade</i>	<i>0</i>	<i>0.000</i>	<i>0</i>	<i>0.000</i>	<i>28</i>	<i>9.970</i>	<i>16</i>	<i>5.211</i>	<i>0</i>	<i>0.000</i>	<i>16</i>	<i>5.211</i>	
<i>Total, All Modifications</i>		<i>0.000</i>		<i>0.000</i>		<i>9.970</i>		<i>5.211</i>		<i>0.000</i>		<i>5.211</i>	
Support													
DATA	0	0.000	0	0.000	0	0.600	0	0.000	0	0.000	0	0.000	
SIM/TRAINER	0	0.000	0	0.000	0	2.700	0	0.000	0	0.000	0	0.000	

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 73 - HH-60 Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): CSAR Avionics/Electrical Upgrade - 8852

Models of Systems Affected: HH-60G	Type Modification: Capability Improvement	Related RDT&E PEs: 0207224F										
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (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- EQUIP	0	0.000	0	0.000	0	0.000	0	1.000	0	0.000	0	1.000
FLIGHT TEST	0	0.000	0	0.000	0	0.330	0	0.000	0	0.000	0	0.000
OTHER GOVT	0	0.000	0	0.000	0	0.671	0	0.000	0	0.000	0	0.000
PMA - Contractor Services	0	0.000	0	0.000	0	0.300	0	0.300	0	0.000	0	0.300
PMA - Gov't Costs	0	0.000	0	0.000	0	0.020	0	0.020	0	0.000	0	0.020
<i>Total Support Cost</i>		<i>0.000</i>		<i>0.000</i>		<i>4.621</i>		<i>1.320</i>		<i>0.000</i>		<i>1.320</i>
<i>Procurement Cost (Procurement + Support)</i>		<i>0.000</i>		<i>0.000</i>		<i>14.591</i>		<i>6.531</i>		<i>0.000</i>		<i>6.531</i>
<i>Total Installation Cost</i>		<i>0.000</i>		<i>0.000</i>		<i>2.700</i>		<i>0.800</i>		<i>0.000</i>		<i>0.800</i>
Total Cost (Procurement + Support + Installation)		0.000		0.000		17.291		7.331		0.000		7.331

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
CSAR Avionics/Electrical Upgrade												
A Kits												
Recurring												
INSTALL KITS Group A (Active)	10	0.785	10	0.785	8	0.628	5	0.393	0	0.000	39	3.062
INSTALL KITS Group A (Guard)	5	0.393	7	0.550	0	0.000	0	0.000	0	0.000	17	1.336
INSTALL KITS Group A (Reserve)	5	0.393	5	0.393	0	0.000	0	0.000	0	0.000	15	1.179
<i>Subtotal Recurring</i>		<i>1.571</i>		<i>1.728</i>		<i>0.628</i>		<i>0.393</i>		<i>0.000</i>		<i>5.577</i>
NonRecurring												
KITS NONRECUR Group A (Active)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	28	5.335
<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>5.335</i>
B Kits												
Recurring												
EQUIPMENT Group B (Active)	10	2.500	10	2.500	8	1.751	5	1.037	0	0.000	39	9.242
EQUIPMENT Group B (Guard)	5	1.250	7	1.750	0	0.000	0	0.000	0	0.000	17	4.250
EQUIPMENT Group B (Reserve)	5	1.250	5	1.250	0	0.000	0	0.000	0	0.000	15	3.750
<i>Subtotal Recurring</i>		<i>5.000</i>		<i>5.500</i>		<i>1.751</i>		<i>1.037</i>		<i>0.000</i>		<i>17.242</i>

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 73 - HH-60 Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): CSAR Avionics/Electrical Upgrade - 8852

Models of Systems Affected: HH-60G	Type Modification: Capability Improvement	Related RDT&E PEs: 0207224F
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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												
EQUIP NONREC Group B (Active)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	28	4.635
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		4.635
Secondary Distribution												
Air Force Active	10	3.848	10	3.726	8	2.749	5	1.750	-	-	-	-
Air National Guard	5	1.643	7	2.300	0	0.000	0	0.000	-	-	-	-
Air Force Reserve	5	1.643	5	1.643	0	0.000	0	0.000	-	-	-	-
<i>Total, CSAR Avionics/Electrical Upgrade</i>	20	6.571	22	7.228	8	2.379	5	1.430	0	0.000	99	32.789
<i>Total, All Modifications</i>		6.571		7.228		2.379		1.430		0.000		32.789
Support												
DATA	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.600
SIM/TRAINER	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	2.700
SUPPORT- EQUIP	0	0.250	0	0.000	0	0.000	0	0.000	0	0.000	0	1.250
FLIGHT TEST	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.330
OTHER GOVT	0	0.043	0	0.191	0	0.000	0	0.000	0	0.000	0	0.905
PMA - Contractor Services	0	0.250	0	0.230	0	0.350	0	0.300	0	0.000	0	1.730
PMA - Gov't Costs	0	0.020	0	0.020	0	0.020	0	0.020	0	0.000	0	0.120
<i>Total Support Cost</i>		0.563		0.441		0.370		0.320		0.000		7.635
<i>Procurement Cost (Procurement + Support)</i>		7.134		7.669		2.749		1.750		0.000		40.424
<i>Total Installation Cost</i>		1.000		1.100		0.400		0.250		0.000		6.250
Total Cost (Procurement + Support + Installation)		8.134		8.769		3.149		2.000		0.000		46.674

Remarks:

Manufacturer Information: CSAR Avionics/Electrical Upgrade	
Manufacturer Name: TBD	Manufacturer Location: TBD
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		Oct 2011	Oct 2012	Oct 2013	Oct 2014	Oct 2015	Oct 2016
Delivery Dates		Jul 2012	Apr 2013	Apr 2014	Apr 2015	Apr 2016	Apr 2017

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5		P-1 Line Item Nomenclature: 73 - HH-60 Mods
Models of Systems Affected: HH-60G		Type Modification: Capability Improvement
		Related RDT&E PEs: 0207224F

Installation: CSAR Avionics/Electrical Upgrade	Method of Implementation: Combination	Installation Name:
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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	-	-	-	-	28	2.700	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	28	2.700	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	16	0.800	-	-	16	0.800
Secondary Distribution - Air Force Active	-	-	-	-	-	-	6	0.300	-	-	6	0.300
Secondary Distribution - Air National Guard	-	-	-	-	-	-	5	0.250	-	-	5	0.250
Secondary Distribution - Air Force Reserve	-	-	-	-	-	-	5	0.250	-	-	5	0.250
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air National Guard	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Reserve	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air National Guard	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Reserve	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	0	0.000	0	0.000	-	-	0	0.000
Secondary Distribution - Air Force Active	-	-	-	-	0	0.000	0	0.000	-	-	0	0.000
Secondary Distribution - Air National Guard	-	-	-	-	-	-	0	0.000	-	-	0	0.000
Secondary Distribution - Air Force Reserve	-	-	-	-	-	-	0	0.000	-	-	0	0.000
Total	-	-	-	-	28	2.700	16	0.800	-	-	16	0.800
Secondary Distribution - Air Force Active	-	-	-	-	28	2.700	6	0.300	-	-	6	0.300
Secondary Distribution - Air National Guard	-	-	-	-	-	-	5	0.250	-	-	5	0.250
Secondary Distribution - Air Force Reserve	-	-	-	-	-	-	5	0.250	-	-	5	0.250

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 73 - HH-60 Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): CSAR Avionics/Electrical Upgrade - 8852
Models of Systems Affected: HH-60G	Type Modification: Capability Improvement	Related RDT&E PEs: 0207224F

Installation: CSAR Avionics/Electrical Upgrade	Method of Implementation: Combination	Installation Name:
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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	-	-	-	-	-	-	-	-	0	0.000	28	2.700
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	0	0.000	16	0.800
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air National Guard	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Reserve	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	20	1.000	-	-	-	-	-	-	0	0.000	20	1.000
Secondary Distribution - Air Force Active	10	0.500	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air National Guard	5	0.250	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Reserve	5	0.250	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	22	1.100	-	-	-	-	0	0.000	22	1.100
Secondary Distribution - Air Force Active	-	-	10	0.500	-	-	-	-	-	-	-	-
Secondary Distribution - Air National Guard	-	-	7	0.350	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Reserve	-	-	5	0.250	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	8	0.400	-	-	0	0.000	8	0.400
Secondary Distribution - Air Force Active	-	-	-	-	8	0.400	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	5	0.250	0	0.000	5	0.250
Secondary Distribution - Air Force Active	-	-	-	-	-	-	5	0.250	-	-	-	-
To Complete	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
Secondary Distribution - Air Force Active	0	0.000	0	0.000	0	0.000	0	0.000	-	-	-	-
Secondary Distribution - Air National Guard	0	0.000	0	0.000	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Reserve	0	0.000	0	0.000	-	-	-	-	-	-	-	-
Total	20	1.000	22	1.100	8	0.400	5	0.250	0	0.000	99	6.250
Secondary Distribution - Air Force Active	10	0.500	10	0.500	8	0.400	5	0.250	-	-	-	-
Secondary Distribution - Air National Guard	5	0.250	7	0.350	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Reserve	5	0.250	5	0.250	-	-	-	-	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 73 - HH-60 Mods	Modification Nomenclature <i>(Modification Title, Modification Number):</i> CSAR Avionics/Electrical Upgrade - 8852
Models of Systems Affected: HH-60G	Type Modification: Capability Improvement	Related RDT&E PEs: 0207224F

Installation: CSAR Avionics/Electrical Upgrade	Method of Implementation: Combination	Installation Name:
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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	0	0	0	0	0	0	8	10	10	4	4	4	4	5	5	5	5	5	6	5	6	4	4	0	0	5	0	0	99
Out	0	0	0	0	0	0	0	0	8	10	10	4	4	4	4	5	5	5	5	5	6	5	6	4	4	0	0	5	0	0	99

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

Appropriation / Budget Activity / Budget Sub Activity:
3010F : Aircraft Procurement, Air Force / BA 5 : Modification of Inservice Aircraft / BSA 5 : Other Aircraft

P-1 Line Item Nomenclature:
74 - RQ-4 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)	269.831	205.072	89.177	9.257	-	9.257	9.313	8.959	9.628	6.557	10.050	617.844
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	269.831	205.072	89.177	9.257	-	9.257	9.313	8.959	9.628	6.557	10.050	617.844
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	269.831	205.072	89.177	9.257	-	9.257	9.313	8.959	9.628	6.557	10.050	617.844

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

Description:

Totals include funding for PRCP Program Number, 252, Global Hawk.

This line item funds Global Hawk SIGINT to High Altitude Endurance Unmanned Vehicle. The modifications budgeted in FY13 are support Integrated Functional Capability (IFC) Fielding initiative, and engine retrofits. The specific modifications budgeted and programmed are below.

The 115 B-kits include: Engine (14), Crypto (14), INMARSAT (10), IFC Fielding (42), Airborne Database Computer (ADC) (14), and IFF Mode 5 (21).

Item Schedule		ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
RQ-4 (See enclosed P-40A)	P40A				11.121			4.330			1.500			0.000			0.000			0.000
GH Aircraft Mods - 470001	P3A		-	-	258.710	-	-	200.742	-	-	87.677	-	-	9.257	-	-	-	-	-	9.257
Total Gross/Weapon System Cost					269.831			205.072			89.177			9.257			-			9.257

		ID CD	FY 2014			FY 2015			FY 2016			FY 2017			To Complete			Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
RQ-4 (See enclosed P-40A)	P40A				0.000			0.000			0.000			0.000			0.000			16.951
GH Aircraft Mods - 470001	P3A		-	-	9.313	-	-	8.959	-	-	9.628	-	-	6.557	-	-	10.050	-	-	600.893

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

Appropriation / Budget Activity / Budget Sub Activity: 3010F : Aircraft Procurement, Air Force / BA 5 : Modification of Inservice Aircraft / BSA 5 : Other Aircraft	P-1 Line Item Nomenclature: 74 - RQ-4 Mods
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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 (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Total Gross/Weapon System Cost					9.313			8.959			9.628			6.557			10.050			617.844

*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:

With the exception of modifications listed in the P-40A, justification for individual modifications is provided in the P-3A exhibits.

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 74 - RQ-4 Mods	Aggregated Item Name: RQ-4
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Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
<i>(Uncategorized)</i>																			
1 - GH Ground Station Mods		-	11	11.121	-	4	4.330	-	8	1.500	-	0	0.000	-	0	0.000	-	0	0.000
<i>Secondary Distribution</i>																			
Air Force Active			11	11.121		4	4.330		8	1.500		0	0.000		0	0.000		0	0.000
<i>Uncategorized Subtotal</i>				11.121			4.330			1.500			0.000			0.000			0.000
Total				11.121			4.330			1.500			0.000			0.000			0.000

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5 **P-1 Line Item Nomenclature:** 74 - RQ-4 Mods **Aggregated Item Name:** RQ-4

Items († indicates the presence of a P-5A)	ID CD	FY 2014			FY 2015			FY 2016			FY 2017			To Complete			Total		
		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
<i>(Uncategorized)</i>																			
1 - GH Ground Station Mods		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	23	16.951
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.000						
<i>Uncategorized Subtotal</i>				0.000			0.000			0.000			0.000			0.000			16.951
Total				0.000			0.000			0.000			0.000			0.000			16.951

Remarks:

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 74 - RQ-4 Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): GH Aircraft Mods - 470001

Models of Systems Affected: Block 10, 20, 30 and 40	Type Modification: Capability Improvement	Related RDT&E PEs: 0305220F
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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)	258.710	200.742	87.677	9.257	-	9.257	9.313	8.959	9.628	6.557	10.050	600.893
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	258.710	200.742	87.677	9.257	-	9.257	9.313	8.959	9.628	6.557	10.050	600.893
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	258.710	200.742	87.677	9.257	-	9.257	9.313	8.959	9.628	6.557	10.050	600.893

(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 Millions)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

This Global Hawk Baseline Sub-Program was directed by an ADM signed 14 Jun 11 by USD (AT&L). Since at the time of the ADM signature, and subsequent designation of sub-program Projects, the FY11 and FY12 budget had already been fixed, the FY11 and FY12 budgets for all sub-programs are captured under this Global Hawk Baseline sub-program, as it's related Project (675144) was the core Project for the Global Hawk program prior to the directed restructure.

The Global Hawk System provides high altitude, deep look, long endurance intelligence, surveillance, and reconnaissance (ISR) capability that complements space and other airborne collectors during peacetime, crisis, and war-fighting scenarios. The aircraft is an autonomous, high altitude, long-endurance, unmanned aircraft system (UAS).

Procurement funding in this Project captures modifications for the Global Hawk System - all FY11 and FY12 activities in all other major sub-programs, per Note 1 above. See Budget Item Justifications in other sub-programs for descriptions of supported activities. This sub-program captures all historical costs of RQ-4A and RQ-4B baseline development, as well as development of the Integrated Sensor Suite, Enhanced Integrated Sensor Suite, and legacy ground segments. The RQ-4A (Block 10) is an imagery-intelligence (IMINT) UAS designed to employ 2000 pounds of payload, and employs an Integrated Sensor Suite (ISS). The RQ-4B UAS is designed to employ 3000 pounds of payload and enable multi-intelligence (multi-INT) collecting. The RQ-4B has three (3) configurations: Block 20, Block 30, and Block 40. The Block 20 employs upgraded Synthetic Aperture Radar (SAR) and Electro-Optical Infrared (EO/IR) sensors known as the Enhanced Integrated Sensor Suite (EISS) in an IMINT only configuration.

The Block 40 subprogram will capture modifications needed to meet required Key Performance Parameters (KPPs) for Blocks 40 aircraft, including integration and test of the Multi-Platform Radar Technology Insertion Program (MP-RTIP) sensor. All necessary aircraft modifications and associated airworthiness certifications are included in this effort. When judged feasible and affordable, this program will participate in the development, testing, and implementation of international standards (to include NATO standardization agreements) to enhance joint, allied, and coalition interoperability.

The Global Hawk program will incorporate applicable synergies with other platforms, including the U.S. Navy's Broad Area Maritime System (BAMS), USAF Predator/Reaper, and other UAV weapon systems

The Global Hawk system will be continually modified to maintain pace with the evolving threat and the increasing capabilities included in modernization efforts. These planned modifications include aircraft, ground station/communications, and other retrofits to incorporate new capabilities or meet mandated equipment standards.

Other Government line added to fund Battlefield Airborne Communications Node (BACN): Integration of BACN data link network connectivity to Global Hawk (FY11 \$85.8M).

A miscellaneous entry (Other Government) has been added to anticipate urgent operational low cost mods that occur in the execution year and are necessary for continued operational support of Combatant Commanders in the amount of \$1.5M.

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 74 - RQ-4 Mods	Modification Nomenclature <i>(Modification Title, Modification Number):</i> GH Aircraft Mods - 470001
Models of Systems Affected: Block 10, 20, 30 and 40	Type Modification: Capability Improvement	Related RDT&E PEs: 0305220F

Footnotes: Not all equipment purchases install in the same year. Aircraft modification components have between 3 and 6 month lead times between long-lead purchases and installation. Current updates to retrofit program now show the same quantity for both A-Kit and B-Kit installations.

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Exhibit P-3A, Individual Modification: PB 2013 Air Force								Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5				P-1 Line Item Nomenclature: 74 - RQ-4 Mods				Modification Nomenclature (<i>Modification Title, Modification Number</i>): GH Aircraft Mods - 470001					
Models of Systems Affected: Block 10, 20, 30 and 40			Type Modification: Capability Improvement				Related RDT&E PEs: 0305220F						
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
GH Aircraft Mods													
A Kits													
Recurring													
INSTALL KITS Group A (Active)													
	5	0.052	7	0.490	7	0.500	5	0.500	0	0.000	5	0.500	
INSTALL KITS Group A (Guard)													
	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	
<i>Subtotal Recurring</i>													
		0.052		0.490		0.500		0.500		0.000		0.500	
B Kits													
Recurring													
EQUIPMENT Group B (Active)													
	11	257.106	10	101.530	17	81.010	5	6.132	0	0.000	5	6.132	
<i>Subtotal Recurring</i>													
		257.106		101.530		81.010		6.132		0.000		6.132	
Secondary Distribution													
Air Force Active													
	11	258.658	10	189.320	17	83.010	5	8.132	0	0.000	5	8.132	
<i>Total, GH Aircraft Mods</i>													
	11	257.158	10	102.020	17	81.510	5	6.632	0	0.000	5	6.632	
<i>Total, All Modifications</i>													
		257.158		102.020		81.510		6.632		0.000		6.632	
Support													
SUPPORT- EQUIP													
	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	
OTHER GOVT													
	0	0.000	0	85.800	0	0.000	0	0.000	0	0.000	0	0.000	
OTHER GOVT (1)													
	0	1.500	0	1.500	0	1.500	0	1.500	0	0.000	0	1.500	
<i>Total Support Cost</i>													
		1.500		87.300		1.500		1.500		0.000		1.500	
<i>Procurement Cost (Procurement + Support)</i>													
		258.658		189.320		83.010		8.132		0.000		8.132	
<i>Total Installation Cost</i>													
		0.052		11.422		4.667		1.125		0.000		1.125	
Total Cost (Procurement + Support + Installation)													
		258.710		200.742		87.677		9.257		0.000		9.257	
Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
GH Aircraft Mods													
A Kits													

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 74 - RQ-4 Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): GH Aircraft Mods - 470001

Models of Systems Affected: Block 10, 20, 30 and 40	Type Modification: Capability Improvement	Related RDT&E PEs: 0305220F
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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												
INSTALL KITS Group A (Active)	11	0.700	34	1.100	18	0.800	9	0.500	5	0.850	101	5.492
INSTALL KITS Group A (Guard)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
<i>Subtotal Recurring</i>		0.700		1.100		0.800		0.500		0.850		5.492
B Kits												
Recurring												
EQUIPMENT Group B (Active)	18	5.738	29	4.934	15	6.193	5	3.592	5	4.800	115	471.035
<i>Subtotal Recurring</i>		5.738		4.934		6.193		3.592		4.800		471.035
Secondary Distribution												
Air Force Active	18	7.938	29	7.534	15	8.493	5	5.592	-	-	-	-
<i>Total, GH Aircraft Mods</i>	18	6.438	29	6.034	15	6.993	5	4.092	5	5.650	115	476.527
<i>Total, All Modifications</i>		6.438		6.034		6.993		4.092		5.650		476.527
Support												
SUPPORT- EQUIP	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
OTHER GOVT	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	85.800
OTHER GOVT (1)	0	1.500	0	1.500	0	1.500	0	1.500	0	3.000	0	15.000
<i>Total Support Cost</i>		1.500		1.500		1.500		1.500		3.000		100.800
<i>Procurement Cost (Procurement + Support)</i>		7.938		7.534		8.493		5.592		8.650		577.327
<i>Total Installation Cost</i>		1.375		1.425		1.135		0.965		1.400		23.566
Total Cost (Procurement + Support + Installation)		9.313		8.959		9.628		6.557		10.050		600.893

Remarks:

Manufacturer Information: GH Aircraft Mods	
Manufacturer Name: Unknown	Manufacturer Location: Unknown
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	Nov 2011	Jun 2012	Feb 2013	Jan 2014	Jan 2015	Jan 2016	Jan 2017
Delivery Dates	Jun 2012	May 2013	Aug 2013	Jul 2014	Jul 2015	Jul 2016	Jul 2017

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 74 - RQ-4 Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): GH Aircraft Mods - 470001
Models of Systems Affected: Block 10, 20, 30 and 40	Type Modification: Capability Improvement	Related RDT&E PEs: 0305220F

Installation: GH Aircraft Mods	Method of Implementation: Combination	Installation Name:
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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	0.052	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	5	0.052	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	9	11.422	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	9	11.422	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	19	4.667	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	19	4.667	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	5	1.125	0	0.000	5	1.125
Secondary Distribution - Air Force Active	-	-	-	-	-	-	5	1.125	0	0.000	5	1.125
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
Secondary Distribution - Air Force Active	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
Total	5	0.052	9	11.422	19	4.667	5	1.125	0	0.000	5	1.125
Secondary Distribution - Air Force Active	5	0.052	9	11.422	19	4.667	5	1.125	0	0.000	5	1.125

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ 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	5	0.052
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	0	0.000	9	11.422
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	0	0.000	19	4.667
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 74 - RQ-4 Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): GH Aircraft Mods - 470001
Models of Systems Affected: Block 10, 20, 30 and 40		Type Modification: Capability Improvement
Related RDT&E PEs: 0305220F		

Installation: GH Aircraft Mods	Method of Implementation: Combination	Installation Name:
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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	-	-	-	-	-	-	-	-	0	0.000	5	1.125
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	11	1.375	-	-	-	-	-	-	0	0.000	11	1.375
Secondary Distribution - Air Force Active	11	1.375	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	34	1.425	-	-	-	-	0	0.000	34	1.425
Secondary Distribution - Air Force Active	-	-	34	1.425	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	18	1.135	-	-	0	0.000	18	1.135
Secondary Distribution - Air Force Active	-	-	-	-	18	1.135	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	9	0.965	0	0.000	9	0.965
Secondary Distribution - Air Force Active	-	-	-	-	-	-	9	0.965	-	-	-	-
To Complete	0	0.000	0	0.000	0	0.000	0	0.000	5	1.400	5	1.400
Secondary Distribution - Air Force Active	0	0.000	0	0.000	0	0.000	0	0.000	-	-	-	-
Total	11	1.375	34	1.425	18	1.135	9	0.965	5	1.400	115	23.566
Secondary Distribution - Air Force Active	11	1.375	34	1.425	18	1.135	9	0.965	-	-	-	-

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	0	0	0	10	0	7	5	0	2	2	1	0	4	4	3	0	12	12	10	0	6	6	6	0	3	3	3	0	5	115
Out	5	0	0	0	3	7	0	7	11	0	2	2	1	0	4	4	3	0	12	12	10	0	6	6	6	0	3	3	3	5	115

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

Appropriation / Budget Activity / Budget Sub Activity:
3010F : Aircraft Procurement, Air Force / BA 5 : Modification of Inservice Aircraft / BSA 5 : Other Aircraft

P-1 Line Item Nomenclature:
75 - HC/MC-130 Recap 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)	1.958	1.933	34.431	22.326	4.700	27.026	10.220	7.916	4.844	4.057	-	92.385
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	1.958	1.933	34.431	22.326	4.700	27.026	10.220	7.916	4.844	4.057	-	92.385
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	1.958	1.933	34.431	22.326	4.700	27.026	10.220	7.916	4.844	4.057	-	92.385

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

Description:

FY12 funding totals include \$34M appropriated for Overseas Contingency Operations.

HC/MC-130 Recapitalization will replace and augment the aging USAF fleets of combat rescue HC-130P/N and special operations MC-130E/P aircraft which are experiencing airworthiness, maintainability and operational limitations. This program provides a common baseline configuration aircraft.

The modifications budgeted in FY13 will improve the reliability, maintainability, safety, and mission performance, reduce logistics costs, and implement fleet upgrades and enhancements to meet emerging requirements for the HC/MC-130J aircraft and associated training 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 (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
HC/MC-130 Recap (See enclosed P-40A)	P40A				1.958			1.933			34.431			1.926			0.000			1.926
HC-130J Common Configuration - 8634	P3A		-	-	-	-	-	-	-	-	-	-	-	20.400	-	-	-	-	-	20.400
HC-130J Personnel Locator System - 8635	P3A		-	-	-	-	-	-	-	-	-	-	-	-	-	4.700	-	-	4.700	
Total Gross/Weapon System Cost					1.958			1.933			34.431			22.326			4.700			27.026

UNCLASSIFIED

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

Appropriation / Budget Activity / Budget Sub Activity:
 3010F : Aircraft Procurement, Air Force / BA 5 : Modification of Inservice Aircraft /
 BSA 5 : Other Aircraft **P-1 Line Item Nomenclature:**
 75 - HC/MC-130 Recap 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 (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
HC/MC-130 Recap (See enclosed P-40A)	P40A				1.920			1.917			1.952			1.987			0.000			48.024
HC-130J Common Configuration - 8634	P3A		-	-	8.300	-	-	5.999	-	-	2.892	-	-	2.070	-	-	-	-	-	39.661
HC-130J Personnel Locator System - 8635	P3A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.700
Total Gross/Weapon System Cost					10.220			7.916			4.844			4.057			-			92.385

*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:
 With the exception of modifications listed in the P-40A, justification for individual modifications is provided in the P-3A exhibits.

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5 **P-1 Line Item Nomenclature:** 75 - HC/MC-130 Recap Mods **Aggregated Item Name:** HC/MC-130 Recap

Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
(Uncategorized)																			
1 - LARGE AIRCRAFT INFRARED COUNTERMEASURES (LAIRCM)		-	0	0.000	-	0	0.000	-	10	34.000	-	0	0.000	-	0	0.000	-	0	0.000
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		10	34.000		0	0.000		0	0.000		0	0.000
2 - LOW COST MODIFICATIONS		-	0	1.958	-	0	1.933	-	0	0.431	-	0	1.926	-	0	0.000	-	0	1.926
<i>Secondary Distribution</i>																			
Air Force Active			0	1.958		0	1.933		0	0.431		0	1.926		0	0.000		0	1.926
<i>Uncategorized Subtotal</i>				1.958			1.933			34.431			1.926			0.000			1.926
Total				1.958			1.933			34.431			1.926			0.000			1.926

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5 **P-1 Line Item Nomenclature:** 75 - HC/MC-130 Recap Mods **Aggregated Item Name:** HC/MC-130 Recap

Items († indicates the presence of a P-5A)	ID CD	FY 2014			FY 2015			FY 2016			FY 2017			To Complete			Total		
		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
(Uncategorized)																			
1 - LARGE AIRCRAFT INFRARED COUNTERMEASURES (LAIRCM)		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	10	34.000
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.000						
2 - LOW COST MODIFICATIONS		-	0	1.920	-	0	1.917	-	0	1.952	-	0	1.987	-	0	0.000	-	0	14.024
<i>Secondary Distribution</i>																			
Air Force Active			0	1.920		0	1.917		0	1.952		0	1.987						
<i>Uncategorized Subtotal</i>				1.920			1.917			1.952			1.987			0.000			48.024
Total				1.920			1.917			1.952			1.987			0.000			48.024

Remarks:

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Exhibit P-3A, Individual Modification: PB 2013 Air Force							Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5				P-1 Line Item Nomenclature: 75 - HC/MC-130 Recap Mods				Modification Nomenclature (<i>Modification Title, Modification Number</i>): HC-130J Common Configuration - 8634				

Models of Systems Affected: HC-130J			Type Modification: Capability Improvement					Related RDT&E PEs: 0207224F				
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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)	-	-	-	20.400	-	20.400	8.300	5.999	2.892	2.070	-	39.661
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	-	-	20.400	-	20.400	8.300	5.999	2.892	2.070	-	39.661
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	-	-	-	20.400	-	20.400	8.300	5.999	2.892	2.070	-	39.661

(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 Millions)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The HC-130J Common Configuration/Block Upgrade modification brings the first two HC-130J Increment 0 aircraft up to the baseline Increment 2 configuration. It also modifies 12 HC-130Js and 4 HC-130J simulators to the Block 7.0 configuration. This ensures total fleet commonality, adds capability and avoids many DMS issues. NOTES: FY14 Group A kit buys includes 2 Increment 2 kits in addition to 3 Block 7.0 kits FY15 installation includes 2 Increment 2 kits in addition to 3 Block 7.0 kits

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Exhibit P-3A, Individual Modification: PB 2013 Air Force									Date: February 2012				
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5				P-1 Line Item Nomenclature: 75 - HC/MC-130 Recap Mods					Modification Nomenclature (<i>Modification Title, Modification Number</i>): HC-130J Common Configuration - 8634				
Models of Systems Affected: HC-130J			Type Modification: Capability Improvement					Related RDT&E PEs: 0207224F					
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
HC-130J Common Configuration													
A Kits													
Recurring													
INSTALL KITS Group A (Active)	0	0.000	0	0.000	0	0.000	2	0.522	0	0.000	2	0.522	
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.522		0.000		0.522	
NonRecurring													
KITS NONRECUR Group A (Active)	0	0.000	0	0.000	0	0.000	0	16.002	0	0.000	0	16.002	
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		16.002		0.000		16.002	
Secondary Distribution													
Air Force Active	0	0.000	0	0.000	0	0.000	2	20.400	0	0.000	2	20.400	
<i>Total, HC-130J Common Configuration</i>	0	0.000	0	0.000	0	0.000	2	16.524	0	0.000	2	16.524	
<i>Total, All Modifications</i>		0.000		0.000		0.000		16.524		0.000		16.524	
Support													
CHANGE ORDERS	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	
SIM/TRAINER	0	0.000	0	0.000	0	0.000	0	3.693	0	0.000	0	3.693	
Install Spares	0	0.000	0	0.000	0	0.000	0	0.183	0	0.000	0	0.183	
<i>Total Support Cost</i>		0.000		0.000		0.000		3.876		0.000		3.876	
<i>Procurement Cost (Procurement + Support)</i>		0.000		0.000		0.000		20.400		0.000		20.400	
<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		20.400		0.000		20.400	
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													
HC-130J Common Configuration													
A Kits													
Recurring													
INSTALL KITS Group A (Active)	5	5.099	4	1.079	3	0.823	0	0.000	0	0.000	14	7.523	

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Exhibit P-3A, Individual Modification: PB 2013 Air Force									Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5				P-1 Line Item Nomenclature: 75 - HC/MC-130 Recap Mods					Modification Nomenclature (<i>Modification Title, Modification Number</i>): HC-130J Common Configuration - 8634			
Models of Systems Affected: HC-130J			Type Modification: Capability Improvement				Related RDT&E PEs: 0207224F					
Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (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>		5.099		1.079		0.823		0.000		0.000		7.523
NonRecurring												
KITS NONRECUR Group A (Active)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	16.002
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		16.002
Secondary Distribution												
Air Force Active	5	7.982	4	3.362	3	2.233	0	1.468	-	-	-	-
<i>Total, HC-130J Common Configuration</i>	5	5.099	4	1.079	3	0.823	0	0.000	0	0.000	14	23.525
<i>Total, All Modifications</i>		5.099		1.079		0.823		0.000		0.000		23.525
Support												
CHANGE ORDERS	0	0.046	0	0.060	0	0.903	0	1.468	0	0.000	0	2.477
SIM/TRAINER	0	2.523	0	1.989	0	0.274	0	0.000	0	0.000	0	8.479
Install Spares	0	0.314	0	0.234	0	0.233	0	0.000	0	0.000	0	0.964
<i>Total Support Cost</i>		2.883		2.283		1.410		1.468		0.000		11.920
<i>Procurement Cost (Procurement + Support)</i>		7.982		3.362		2.233		1.468		0.000		35.445
<i>Total Installation Cost</i>		0.318		2.637		0.659		0.602		0.000		4.216
Total Cost (Procurement + Support + Installation)		8.300		5.999		2.892		2.070		0.000		39.661
Remarks:												
Manufacturer Information: HC-130J Common Configuration												
Manufacturer Name: Lockheed Martin Aero						Manufacturer Location: Marietta Ga						
Administrative Leadtime (<i>in Months</i>): 3						Production Leadtime (<i>in Months</i>): 14						
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017					
Contract Dates			Feb 2013	Feb 2014	Feb 2015	Feb 2016						
Delivery Dates			Apr 2014	Apr 2015	Apr 2016	Apr 2017						

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 75 - HC/MC-130 Recap Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): HC-130J Common Configuration - 8634
Models of Systems Affected: HC-130J	Type Modification: Capability Improvement	Related RDT&E PEs: 0207224F

Installation: HC-130J Common Configuration	Method of Implementation: Contractor Facility	Installation Name:
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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	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ 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	0.318	-	-	-	-	-	-	0	0.000	2	0.318
Secondary Distribution - Air Force Active	2	0.318	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	5	2.637	-	-	-	-	0	0.000	5	2.637
Secondary Distribution - Air Force Active	-	-	5	2.637	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	4	0.659	-	-	0	0.000	4	0.659
Secondary Distribution - Air Force Active	-	-	-	-	4	0.659	-	-	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5		P-1 Line Item Nomenclature: 75 - HC/MC-130 Recap Mods
		Modification Nomenclature (<i>Modification Title, Modification Number</i>): HC-130J Common Configuration - 8634
Models of Systems Affected: HC-130J	Type Modification: Capability Improvement	Related RDT&E PEs: 0207224F

Installation: HC-130J Common Configuration	Method of Implementation: Contractor Facility	Installation Name:
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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	-	-	-	-	-	-	3	0.602	0	0.000	3	0.602
Secondary Distribution - Air Force Active	-	-	-	-	-	-	3	0.602	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
Secondary Distribution - Air Force Active	0	0.000	0	0.000	0	0.000	0	0.000	-	-	-	-
Total	2	0.318	5	2.637	4	0.659	3	0.602	0	0.000	14	4.216
Secondary Distribution - Air Force Active	2	0.318	5	2.637	4	0.659	3	0.602	-	-	-	-

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	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	2	2	0	1	1	1	1	1	1	1	0	0	14
Out	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	2	2	0	1	1	1	4	14

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 75 - HC/MC-130 Recap Mods	Modification Nomenclature <i>(Modification Title, Modification Number):</i> HC-130J Personnel Locator System - 8635

Models of Systems Affected: HC-130J	Type Modification: Capability Improvement	Related RDT&E PEs: 0207224F
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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)	-	-	-	-	4.700	4.700	-	-	-	-	-	4.700
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	-	-	-	4.700	4.700	-	-	-	-	-	4.700
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	-	-	-	-	4.700	4.700	-	-	-	-	-	4.700

(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 Millions)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The HC-130J Personnel Locator System installs the Lightweight Airborne Radio System (LARS) Version 12 on 12 HC-130Js to allow personnel recovery crews to locate/identify/interrogate the PRQ-7 Combat Survival Evader Locator (CSEL) radio and 406 MHz emergency locator beacons installed on vessels, aircraft and ejection seats. This modification drastically reduces time required to locate and recover isolated personnel in hostile environments.

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 75 - HC/MC-130 Recap Mods	Modification Nomenclature <i>(Modification Title, Modification Number):</i> HC-130J Personnel Locator System - 8635

Models of Systems Affected: HC-130J	Type Modification: Capability Improvement	Related RDT&E PEs: 0207224F
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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												
HC-130J Personnel Locator System												
A Kits												
Recurring												
INSTALL KITS Group A (Active)	0	0.000	0	0.000	0	0.000	0	0.000	12	0.600	12	0.600
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.600		0.600
NonRecurring												
KITS NONRECUR Group A (Active)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.800	0	0.800
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.800		0.800
B Kits												
Recurring												
EQUIPMENT Group B (Active)	0	0.000	0	0.000	0	0.000	0	0.000	12	2.400	12	2.400
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		2.400		2.400
Secondary Distribution												
Air Force Active	0	0.000	0	0.000	0	0.000	0	0.000	12	3.800	12	3.800
<i>Total, HC-130J Personnel Locator System</i>	0	0.000	0	0.000	0	0.000	0	0.000	12	3.800	12	3.800
<i>Total, All Modifications</i>		0.000		0.000		0.000		0.000		3.800		3.800
<i>Procurement Cost (Procurement + Support)</i>		0.000		0.000		0.000		0.000		3.800		3.800
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.900		0.900
Total Cost (Procurement + Support + Installation)		0.000		0.000		0.000		0.000		4.700		4.700

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												
HC-130J Personnel Locator System												
A Kits												
Recurring												
INSTALL KITS Group A (Active)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	12	0.600

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Air Force									Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5				P-1 Line Item Nomenclature: 75 - HC/MC-130 Recap Mods					Modification Nomenclature (<i>Modification Title, Modification Number</i>): HC-130J Personnel Locator System - 8635			
Models of Systems Affected: HC-130J			Type Modification: Capability Improvement				Related RDT&E PEs: 0207224F					
Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (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		0.600
NonRecurring												
KITS NONRECUR Group A (Active)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.800
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		0.800
B Kits												
Recurring												
EQUIPMENT Group B (Active)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	12	2.400
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		2.400
Secondary Distribution												
Air Force Active	0	0.000	0	0.000	0	0.000	0	0.000	-	-	-	-
<i>Total, HC-130J Personnel Locator System</i>	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	12	3.800
<i>Total, All Modifications</i>		0.000		0.000		0.000		0.000		0.000		3.800
<i>Procurement Cost (Procurement + Support)</i>		0.000		0.000		0.000		0.000		0.000		3.800
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.900
Total Cost (Procurement + Support + Installation)		0.000		0.000		0.000		0.000		0.000		4.700
Remarks:												
Manufacturer Information: HC-130J Personnel Locator System												
Manufacturer Name: Unknown						Manufacturer Location: Unknown						
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			Mar 2013									
Delivery Dates			Mar 2014									

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 75 - HC/MC-130 Recap Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): HC-130J Personnel Locator System - 8635

Models of Systems Affected: HC-130J	Type Modification: Capability Improvement	Related RDT&E PEs: 0207224F
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Installation: HC-130J Personnel Locator System	Method of Implementation: Contract Field Team	Installation Name:
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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	-	-	-	-	-	-	-	-	12	0.900	12	0.900
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	12	0.900	12	0.900
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	0	0.000	0	0.000
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	0	0.000	0	0.000
Total	-	-	-	-	-	-	-	-	12	0.900	12	0.900
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	12	0.900	12	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	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	0	0.000	-	-	-	-	-	-	0	0.000	12	0.900
Secondary Distribution - Air Force Active	0	0.000	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	0	0.000	-	-	-	-	-	-	0	0.000	0	0.000
Secondary Distribution - Air Force Active	0	0.000	-	-	-	-	-	-	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 75 - HC/MC-130 Recap Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): HC-130J Personnel Locator System - 8635

Models of Systems Affected: HC-130J	Type Modification: Capability Improvement	Related RDT&E PEs: 0207224F
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Installation: HC-130J Personnel Locator System	Method of Implementation: Contract Field Team	Installation Name:
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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	0	0.000	-	-	-	-	-	-	0	0.000	12	0.900
Secondary Distribution - Air Force Active	0	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Out	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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

Appropriation / Budget Activity / Budget Sub Activity:
3010F : Aircraft Procurement, Air Force / BA 5 : Modification of Inservice Aircraft / BSA 5 : Other Aircraft

P-1 Line Item Nomenclature:
76 - Other 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)	209.511	77.206	83.238	18.832	-	18.832	13.527	63.466	174.057	169.593	-	809.430
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	209.511	77.206	83.238	18.832	-	18.832	13.527	63.466	174.057	169.593	-	809.430
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	209.511	77.206	83.238	18.832	-	18.832	13.527	63.466	174.057	169.593	-	809.430

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

Description:

FY 2011 funding totals include \$61.6M appropriated for Overseas Contingency Operations. (ATP Program)
FY 2012 funding totals include \$15.0M appropriated for Overseas Contingency Operations. (ATP Program)

This line item funds multiple modifications that apply to weapon systems funded at less than \$2 million per year as well as weapon systems with much greater budgets. The overall goal of the modifications budgeted in FY13 is to enhance capability and improve reliability and maintainability. A major modification budgeted in FY13 is The Family of Advanced Beyond Line-of-Sight Terminals (FAB-T) Increment 1 program that will provide Extremely High Frequency (EHF) voice and data military satellite communications (MILSATCOM) for nuclear and conventional forces as well as airborne and ground command posts with connectivity to MILSTAR and Advanced EHF satellites. Other modifications budgeted and programmed are listed shown below.

Item Schedule		ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
OTHER (BP11) (See enclosed P-40A)	P40A				200.756			68.931			24.696			7.193			0.000			7.193
JOINT TACTICAL RADIO SYSTEM - 1	P3A		-	-	8.755	-	-	8.275	-	-	58.542	-	-	11.639	-	-	-	-	-	11.639
Total Gross/Weapon System Cost					209.511			77.206			83.238			18.832			-			18.832

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

Appropriation / Budget Activity / Budget Sub Activity: 3010F : Aircraft Procurement, Air Force / BA 5 : Modification of Inservice Aircraft / BSA 5 : Other Aircraft	P-1 Line Item Nomenclature: 76 - Other Mods
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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 (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
OTHER (BP11) (See enclosed P-40A)	P40A				7.737			58.861			174.057			169.593			0.000			711.824
JOINT TACTICAL RADIO SYSTEM - 1	P3A		-	-	5.790	-	-	4.605	-	-	-	-	-	-	-	-	-	-	-	97.606
Total Gross/Weapon System Cost					13.527			63.466			174.057			169.593			-			809.430

*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:
 With the exception of modifications listed in the P-40A, justification for individual modifications is provided in the P-3A exhibits.

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5 **P-1 Line Item Nomenclature:** 76 - Other Mods **Aggregated Item Name:** OTHER (BP11)

Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
(Uncategorized)																			
1 - C2ISR TDL		-	0	0.000	-	0	0.000	-	0	0.957	-	0	0.000	-	0	0.000	-	0	0.000
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.957		0	0.000		0	0.000		0	0.000
2 - EHF SATCOM		-	0	10.488	-	0	0.000	-	0	3.821	-	0	4.580	-	0	0.000	-	0	4.580
<i>Secondary Distribution</i>																			
Air Force Active			0	10.488		0	0.000		0	3.821		0	4.580		0	0.000		0	4.580
3 - Full Combat Mission Training		-	0	53.760	-	0	0.432	-	0	1.098	-	0	1.566	-	0	0.000	-	0	1.566
<i>Secondary Distribution</i>																			
Air Force Active			0	53.760		0	0.432		0	1.098		0	1.566		0	0.000		0	1.566
4 - MAF Training		-	0	12.934	-	0	5.712	-	0	2.900	-	0	0.000	-	0	0.000	-	0	0.000
<i>Secondary Distribution</i>																			
Air Force Active			0	12.934		0	5.712		0	2.900		0	0.000		0	0.000		0	0.000
5 - LITENING Block 1 to Gen 4		-	0	115.330	-	0	61.500	-	0	7.850	-	0	0.000	-	0	0.000	-	0	0.000
<i>Secondary Distribution</i>																			
Air Force Active			0	31.310		0	1.300		0	7.850		0	0.000		0	0.000		0	0.000
Air National Guard			0	42.020		0	53.395		0	0.000		0	0.000		0	0.000		0	0.000
Air Force Reserve			0	42.000		0	6.805		0	0.000		0	0.000		0	0.000		0	0.000
6 - Sniper CMDL Backback Kits and Datalogger Purchase		-	0	6.607	-	0	1.200	-	0	7.950	-	0	0.000	-	0	0.000	-	0	0.000
<i>Secondary Distribution</i>																			
Air Force Active			0	6.607		0	1.200		0	7.950		0	0.000		0	0.000		0	0.000
7 - Sniper LRU Upgrades and Add-ons		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.810	-	0	0.000	-	0	0.810
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.810		0	0.000		0	0.810
8 - ATP upgrade Legacy to SE		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.100	-	0	0.000	-	0	0.100
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.100		0	0.000		0	0.100
Air Force Reserve			0	0.000		0	0.000		0	0.000		0	0.000		0	0.000		0	0.000
9 - MISCELLANEOUS		-	0	1.637	-	0	0.087	-	0	0.120	-	0	0.137	-	0	0.000	-	0	0.137

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5 **P-1 Line Item Nomenclature:** 76 - Other Mods **Aggregated Item Name:** OTHER (BP11)

Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
LOW COSTS MODS (OTHER)																			
<i>Secondary Distribution</i>																			
Air Force Active			0	1.637		0	0.087		0	0.120		0	0.137		0	0.000		0	0.137
Uncategorized Subtotal				200.756			68.931			24.696			7.193			0.000			7.193
Total				200.756			68.931			24.696			7.193			0.000			7.193

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force															Date: February 2012				
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5					P-1 Line Item Nomenclature: 76 - Other Mods										Aggregated Item Name: OTHER (BP11)				
Items († indicates the presence of a P-5A)	ID CD	FY 2014			FY 2015			FY 2016			FY 2017			To Complete			Total		
		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
(Uncategorized)																			
1 - C2ISR TDL		-	0	0.832	-	0	1.921	-	0	1.963	-	0	1.973	-	0	0.000	-	0	7.646
<i>Secondary Distribution</i>																			
Air Force Active			0	0.832		0	1.921		0	1.963		0	1.973						
2 - EHF SATCOM		-	0	4.067	-	0	51.881	-	0	169.352	-	0	164.834	-	0	0.000	-	0	409.023
<i>Secondary Distribution</i>																			
Air Force Active			0	4.067		0	51.881		0	169.352		0	164.834						
3 - Full Combat Mission Training		-	0	1.818	-	0	1.632	-	0	1.684	-	0	1.709	-	0	0.000	-	0	63.699
<i>Secondary Distribution</i>																			
Air Force Active			0	1.818		0	1.632		0	1.684		0	1.709						
4 - MAF Training		-	0	0.000	-	0	2.388	-	0	0.000	-	0	0.000	-	0	0.000	-	0	23.934
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	2.388		0	0.000		0	0.000						
5 - LITENING Block 1 to Gen 4		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	184.680
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.000						
Air National Guard			0	0.000		0	0.000		0	0.000		0	0.000						
Air Force Reserve			0	0.000		0	0.000		0	0.000		0	0.000						
6 - Sniper CMDL Backback Kits and Datalogger Purchase		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	15.757
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.000						
7 - Sniper LRU Upgrades and Add-ons		-	0	0.882	-	0	0.898	-	0	0.914	-	0	0.930	-	0	0.000	-	0	4.434
<i>Secondary Distribution</i>																			
Air Force Active			0	0.882		0	0.898		0	0.914		0	0.930						
8 - ATP upgrade Legacy to SE		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.100
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.000						
Air Force Reserve			0	0.000		0	0.000		0	0.000		0	0.000						
9 - MISCELLANEOUS		-	0	0.138	-	0	0.141	-	0	0.144	-	0	0.147	-	0	0.000	-	0	2.551

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5 **P-1 Line Item Nomenclature:** 76 - Other Mods **Aggregated Item Name:** OTHER (BP11)

Items († indicates the presence of a P-5A)	ID CD	FY 2014			FY 2015			FY 2016			FY 2017			To Complete			Total		
		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
LOW COSTS MODS (OTHER)																			
<i>Secondary Distribution</i>																			
Air Force Active			0	0.138		0	0.141		0	0.144		0	0.147						
<i>Uncategorized Subtotal</i>				7.737			58.861			174.057			169.593					0.000	711.824
Total				7.737			58.861			174.057			169.593					0.000	711.824

Remarks:

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 76 - Other Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): JOINT TACTICAL RADIO SYSTEM - 1

Models of Systems Affected: Multiple	Type Modification: Capability Improvement	Related RDT&E PEs: 0207423F
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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)	8.755	8.275	58.542	11.639	-	11.639	5.790	4.605	-	-	-	97.606
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	8.755	8.275	58.542	11.639	-	11.639	5.790	4.605	-	-	-	97.606
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	8.755	8.275	58.542	11.639	-	11.639	5.790	4.605	-	-	-	97.606

(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 Millions)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

Joint Tactical Radio System (JTRS) is the Department of Defense (DoD) family of interoperable, modular, software-defined radios that will form the foundation of radio frequency information transmission for Joint Vision 2020. JTRS radios are intended to interoperate with existing radio systems and improve Joint warfighting through a series of new, joint networking waveforms enabling communication via voice, data, and video over mobile, ad-hoc, internet protocol (IP) based networks. The JTRS program is built around an open Software Communications Architecture (SCA), allowing common software waveform applications to be implemented across the family of radios to provide joint-service, allied, and coalition interoperability. The Enterprise Business Model, incorporating a common set of shared open system standards, promotes competition and reduces procurement costs for the DoD.

Procurement funding reflects acquisition of several different JTRS form factors at different stages of program development and fielding. The AF will procure airborne JTRS variants, current voice and data systems, and transformational systems required to ensure networking capability and that government mandates are met. Aircraft procurement funds are for radio systems B-Kits, related ancillaries (to include but not limited to power amplifiers, filters, and low noise amplifiers), and networking components necessary to successfully integrate the radios into their host platform. Terminal costs vary significantly depending on the JTRS terminal being procured (MIDS-J, Small Form Fit, etc.). Procurement funds have changed from the FY12 PB with the termination of the joint Airborne, Maritime, Fixed (AMF) development. Procurement of other radios for numerous AF platforms will continue beyond the FYDP.

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 76 - Other Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): JOINT TACTICAL RADIO SYSTEM - 1

Models of Systems Affected: Multiple	Type Modification: Capability Improvement	Related RDT&E PEs: 0207423F
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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)
RDT&E PE #												
0207423F	0	44.872	0	38.881	0	43.964	0	0.000	0	0.000	0	0.000
Procurement												
JOINT TACTICAL RADIO SYSTEM												
B Kits												
Recurring												
EQUIPMENT Group B (Active)	18	8.755	24	8.275	327	58.542	123	11.639	0	0.000	123	11.639
<i>Subtotal Recurring</i>		8.755		8.275		58.542		11.639		0.000		11.639
Secondary Distribution												
Air Force Active	18	8.755	24	8.275	327	58.542	123	11.639	0	0.000	123	11.639
<i>Total, JOINT TACTICAL RADIO SYSTEM</i>	18	8.755	24	8.275	327	58.542	123	11.639	0	0.000	123	11.639
<i>Total, All Modifications</i>		8.755		8.275		58.542		11.639		0.000		11.639
<i>Procurement Cost (Procurement + Support)</i>		8.755		8.275		58.542		11.639		0.000		11.639
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		8.755		8.275		58.542		11.639		0.000		11.639

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)
RDT&E PE #												
0207423F	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	127.717
Procurement												
JOINT TACTICAL RADIO SYSTEM												
B Kits												
Recurring												
EQUIPMENT Group B (Active)	129	5.790	131	4.605	0	0.000	0	0.000	0	0.000	752	97.606
<i>Subtotal Recurring</i>		5.790		4.605		0.000		0.000		0.000		97.606
Secondary Distribution												
Air Force Active	129	5.790	131	4.605	0	0.000	0	0.000	-	-	-	-
<i>Total, JOINT TACTICAL RADIO SYSTEM</i>	129	5.790	131	4.605	0	0.000	0	0.000	0	0.000	752	97.606

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 76 - Other Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): JOINT TACTICAL RADIO SYSTEM - 1

Models of Systems Affected: Multiple	Type Modification: Capability Improvement	Related RDT&E PEs: 0207423F
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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>		5.790		4.605		0.000		0.000		0.000		97.606
<i>Procurement Cost (Procurement + Support)</i>		5.790		4.605		0.000		0.000		0.000		97.606
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		5.790		4.605		0.000		0.000		0.000		97.606

Remarks:

Manufacturer Information: JOINT TACTICAL RADIO SYSTEM

Manufacturer Name: Various				Manufacturer Location: Various			
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	Feb 2011	Mar 2012	Feb 2013	Feb 2014	Feb 2015		
Delivery Dates	Feb 2012	Mar 2013	Feb 2014	Feb 2015	Feb 2016		

Installation: JOINT TACTICAL RADIO SYSTEM

Method of Implementation: Combination	Installation Name:
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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	-	-	24	0.000	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	24	0.000	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	327	0.000	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	327	0.000	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	123	0.000	-	-	123	0.000
Secondary Distribution - Air Force Active	-	-	-	-	-	-	123	0.000	-	-	123	0.000
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	0	0.000	0	0.000	0	0.000	-	-	0	0.000

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Exhibit P-3A, Individual Modification: PB 2013 Air Force							Date: February 2012						
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5				P-1 Line Item Nomenclature: 76 - Other Mods				Modification Nomenclature (Modification Title, Modification Number): JOINT TACTICAL RADIO SYSTEM - 1					
Models of Systems Affected: Multiple				Type Modification: Capability Improvement				Related RDT&E PEs: 0207423F					

Installation: JOINT TACTICAL RADIO SYSTEM				Method of Implementation: Combination				Installation Name:					
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>	
	-	-	0	0.000	0	0.000	0	0.000	-	-	0	0.000	
Total	-	-	24	0.000	327	0.000	123	0.000	-	-	123	0.000	
Secondary Distribution - Air Force Active	-	-	24	0.000	327	0.000	123	0.000	-	-	123	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	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	0	0.000	24	0.000
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	0	0.000	327	0.000
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	0	0.000	123	0.000
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	129	0.000	-	-	-	-	-	-	0	0.000	129	0.000
Secondary Distribution - Air Force Active	129	0.000	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	0	0.000	-	-	-	-	-	-	0	0.000	0	0.000
Secondary Distribution - Air Force Active	0	0.000	-	-	-	-	-	-	-	-	-	-
Total	129	0.000	-	-	-	-	-	-	0	0.000	603	0.000
Secondary Distribution - Air Force Active	129	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	18	0	24	0	0	0	327	0	0	0	123	0	0	0	129	0	0	0	131	0	0	0	0	0	0	0	0	0	0	0	0
Out	0	0	18	0	0	0	24	0	0	0	327	0	0	0	123	0	0	0	129	0	0	0	131	0	0	0	0	0	0	0	0

UNCLASSIFIED

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

Appropriation / Budget Activity / Budget Sub Activity:
3010F : Aircraft Procurement, Air Force / BA 5 : Modification of Inservice Aircraft / BSA 5 : Other Aircraft

P-1 Line Item Nomenclature:
77 - MQ-1 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)	332.858	20.101	161.246	30.861	-	30.861	17.734	0.000	0.000	0.000	-	562.800
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	332.858	20.101	161.246	30.861	-	30.861	17.734	0.000	0.000	0.000	-	562.800
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	332.858	20.101	161.246	30.861	-	30.861	17.734	0.000	0.000	0.000	-	562.800

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

Description:

FY12 funding totals include \$2.8M requested for Overseas Contingency Operations.

Predator is an autonomous, long-dwell, unmanned reconnaissance system capable of operating over the horizon while providing real-time intelligence information to the Joint Task Force Commander. The air vehicle carries electro-optical (EO) and Infra-Red (IR) sensors, and is capable of transmitting near real time full motion video to the task force commander and throughout the operational theater.

The modification program does not plan to modify the entire inventory due to projected attrition.

Predator was developed as an Advanced Concept Technology Demonstration; no service life was determined. Structural inspections on high-time aircraft thus far have not allowed projection of a service life limit. Average life remaining is TBD.

There are as yet no projected deliveries of modifications for Guard and Reserve. Aircraft are assigned to Active for modifications and subsequently made available to components by the lead command.

Totals include funding for PRCP Program Number 271, "MQ-1 Predator."

This program has associated Research, Development, Test and Evaluation funding in PE 0305219F.

Item Schedule		Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total			
Item Nomenclature*	Exhibits	ID CD	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
MQ-1 (See enclosed P-40A)	P40A				207.045			20.101			69.473			6.887			0.000			6.887

UNCLASSIFIED

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

Appropriation / Budget Activity / Budget Sub Activity:
3010F : Aircraft Procurement, Air Force / BA 5 : Modification of Inservice Aircraft / BSA 5 : Other Aircraft

P-1 Line Item Nomenclature:
77 - MQ-1 Mods

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 (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Differential GPS - 4446	P3A		-	-	5.443	-	-	-	-	-	6.660	-	-	7.978	-	-	-	-	-	7.978
GCS PPDL - 4452	P3A		-	-	120.370	-	-	-	-	-	85.113	-	-	15.996	-	-	-	-	-	15.996
Total Gross/Weapon System Cost					332.858			20.101			161.246			30.861			-			30.861

		ID CD	FY 2014			FY 2015			FY 2016			FY 2017			To Complete			Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
MQ-1 (See enclosed P-40A)	P40A				10.883			0.000			0.000			0.000			0.000			314.389
Differential GPS - 4446	P3A		-	-	6.851	-	-	-	-	-	-	-	-	-	-	-	-	-	-	26.932
GCS PPDL - 4452	P3A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	221.479
Total Gross/Weapon System Cost					17.734			0.000			0.000			0.000			-			562.800

*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:
With the exception of modifications listed in the P-40A, justification for individual modifications is provided in the P-3A exhibits.

UNCLASSIFIED

Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5 **P-1 Line Item Nomenclature:** 77 - MQ-1 Mods **Aggregated Item Name:** MQ-1

Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
(Uncategorized)																			
1 - Aircraft PPDL		-	36	24.708	-	0	0.000	-	36	40.566	-	0	0.000	-	0	0.000	-	0	0.000
<i>Secondary Distribution</i>																			
Air Force Active			36	24.708		0	0.000		36	40.566		0	0.000		0	0.000		0	0.000
2 - Digital Video		-	76	26.378	-	0	0.000	-	0	4.678	-	0	0.000	-	0	0.000	-	0	0.000
<i>Secondary Distribution</i>																			
Air Force Active			76	26.378		0	0.000		0	4.678		0	0.000		0	0.000		0	0.000
3 - VORTEX		-	125	28.210	-	0	0.000	-	0	5.498	-	0	1.545	-	0	0.000	-	0	1.545
<i>Secondary Distribution</i>																			
Air Force Active			125	28.210		0	0.000		0	5.498		0	1.545		0	0.000		0	1.545
4 - GCS Modernization		-	65	36.362	-	0	0.000	-	0	7.525	-	0	4.480	-	0	0.000	-	0	4.480
<i>Secondary Distribution</i>																			
Air Force Active			65	36.362		0	0.000		0	7.525		0	4.480		0	0.000		0	4.480
5 - LOW COST MODIFICATIONS		-	0	0.000	-	0	1.000	-	0	2.000	-	0	0.862	-	0	0.000	-	0	0.862
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	1.000		0	2.000		0	0.862		0	0.000		0	0.862
6 - PREDATOR A/B MODIFICATIONS		-	0	91.387	-	0	19.101	-	0	9.206	-	0	0.000	-	0	0.000	-	0	0.000
<i>Secondary Distribution</i>																			
Air Force Active			0	91.387		0	19.101		0	9.206		0	0.000		0	0.000		0	0.000
<i>Uncategorized Subtotal</i>				207.045			20.101			69.473			6.887			0.000			6.887
Total				207.045			20.101			69.473			6.887			0.000			6.887

UNCLASSIFIED

Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5 **P-1 Line Item Nomenclature:** 77 - MQ-1 Mods **Aggregated Item Name:** MQ-1

Items († indicates the presence of a P-5A)	ID CD	FY 2014			FY 2015			FY 2016			FY 2017			To Complete			Total		
		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
(Uncategorized)																			
1 - Aircraft PPDL		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	72	65.274
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.000						
2 - Digital Video		-	60	9.709	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	136	40.765
<i>Secondary Distribution</i>																			
Air Force Active			60	9.709		0	0.000		0	0.000		0	0.000						
3 - VORTEX		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	125	35.253
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.000						
4 - GCS Modernization		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	65	48.367
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.000						
5 - LOW COST MODIFICATIONS		-	0	1.174	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	5.036
<i>Secondary Distribution</i>																			
Air Force Active			0	1.174		0	0.000		0	0.000		0	0.000						
6 - PREDATOR A/B MODIFICATIONS		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	119.694
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.000						
<i>Uncategorized Subtotal</i>				10.883			0.000			0.000			0.000			0.000			314.389
Total				10.883			0.000			0.000			0.000			0.000			314.389

Remarks:

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Air Force							Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5				P-1 Line Item Nomenclature: 77 - MQ-1 Mods				Modification Nomenclature (<i>Modification Title, Modification Number</i>): Differential GPS - 4446				

Models of Systems Affected: MQ-1			Type Modification: Capability Improvement					Related RDT&E PEs: 0305219F				
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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)	5.443	-	6.660	7.978	-	7.978	6.851	-	-	-	-	26.932
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	5.443	-	6.660	7.978	-	7.978	6.851	-	-	-	-	26.932
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	5.443	-	6.660	7.978	-	7.978	6.851	-	-	-	-	26.932

(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 Millions)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

Fully integrate the global dGPS capability into the MQ-1 System to include H-764 Embedded GPS/INS (EGI), NAVCOM StarFire Receiver and tri-band antenna, Cables (Power, Data). This capability will resolve the LN100 DMS issue for the platform, qualify the H-764 for employing AGM-114 Hellfire, and provide a SAASM compliant navigation sensor.

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Exhibit P-3A, Individual Modification: PB 2013 Air Force										Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5					P-1 Line Item Nomenclature: 77 - MQ-1 Mods					Modification Nomenclature (<i>Modification Title, Modification Number</i>): Differential GPS - 4446			
Models of Systems Affected: MQ-1				Type Modification: Capability Improvement						Related RDT&E PEs: 0305219F			
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
Differential GPS													
A Kits													
Recurring													
INSTALL KITS Group A (Active)													
	36	0.914	0	0.000	36	1.516	36	1.564	0	0.000	36	1.564	
<i>Subtotal Recurring</i>		0.914		0.000		1.516		1.564		0.000		1.564	
NonRecurring													
KITS NONREC Group A (Active)													
	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		0.000	
B Kits													
NonRecurring													
EQUIP NONREC Group B (Active)													
	36	3.934	0	0.000	36	3.814	36	3.936	0	0.000	36	3.936	
<i>Subtotal NonRecurring</i>		3.934		0.000		3.814		3.936		0.000		3.936	
Secondary Distribution													
Air Force Active													
	36	5.443	0	0.000	36	6.660	36	7.978	0	0.000	36	7.978	
<i>Total, Differential GPS</i>		36	4.848	0	0.000	36	5.330	36	5.500	0	0.000	36	5.500
<i>Total, All Modifications</i>			4.848		0.000		5.330		5.500		0.000		5.500
Support													
OTHER GOVT													
	0	0.353	0	0.000	0	1.093	0	1.230	0	0.000	0	1.230	
A&AS													
	0	0.148	0	0.000	0	0.145	0	0.808	0	0.000	0	0.808	
PMA													
	0	0.094	0	0.000	0	0.092	0	0.440	0	0.000	0	0.440	
<i>Total Support Cost</i>		0.595		0.000		1.330		2.478		0.000		2.478	
<i>Procurement Cost (Procurement + Support)</i>		5.443		0.000		6.660		7.978		0.000		7.978	
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000	
Total Cost (Procurement + Support + Installation)		5.443		0.000		6.660		7.978		0.000		7.978	
Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	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 Air Force									Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5				P-1 Line Item Nomenclature: 77 - MQ-1 Mods					Modification Nomenclature (<i>Modification Title, Modification Number</i>): Differential GPS - 4446			
Models of Systems Affected: MQ-1			Type Modification: Capability Improvement					Related RDT&E PEs: 0305219F				
Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Differential GPS												
A Kits												
Recurring												
INSTALL KITS Group A (Active)	12	0.552	0	0.000	0	0.000	0	0.000	0	0.000	120	4.546
<i>Subtotal Recurring</i>		0.552		0.000		0.000		0.000		0.000		4.546
NonRecurring												
KITS NONRECUR Group A (Active)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		0.000
B Kits												
NonRecurring												
EQUIP NONREC Group B (Active)	12	1.388	0	0.000	0	0.000	0	0.000	0	0.000	120	13.072
<i>Subtotal NonRecurring</i>		1.388		0.000		0.000		0.000		0.000		13.072
Secondary Distribution												
Air Force Active	12	6.851	0	0.000	0	0.000	0	0.000	-	-	-	-
<i>Total, Differential GPS</i>	12	1.940	0	0.000	0	0.000	0	0.000	0	0.000	120	17.618
<i>Total, All Modifications</i>		1.940		0.000		0.000		0.000		0.000		17.618
Support												
OTHER GOVT	0	1.089	0	0.000	0	0.000	0	0.000	0	0.000	0	3.765
A&AS	0	2.432	0	0.000	0	0.000	0	0.000	0	0.000	0	3.533
PMA	0	1.390	0	0.000	0	0.000	0	0.000	0	0.000	0	2.016
<i>Total Support Cost</i>		4.911		0.000		0.000		0.000		0.000		9.314
<i>Procurement Cost (Procurement + Support)</i>		6.851		0.000		0.000		0.000		0.000		26.932
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		6.851		0.000		0.000		0.000		0.000		26.932
Remarks:												
Manufacturer Information: Differential GPS												
Manufacturer Name: Unknown						Manufacturer Location: Unknown						
Administrative Leadtime (in Months): 3						Production Leadtime (in Months): 31						

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Exhibit P-3A, Individual Modification: PB 2013 Air Force						Date: February 2012	
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5			P-1 Line Item Nomenclature: 77 - MQ-1 Mods			Modification Nomenclature (<i>Modification Title, Modification Number</i>): Differential GPS - 4446	
Models of Systems Affected: MQ-1			Type Modification: Capability Improvement			Related RDT&E PEs: 0305219F	
Manufacturer Information: Differential GPS							
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates		Sep 2012	Sep 2013	Sep 2014			
Delivery Dates		Jan 2014	Jan 2015	Jan 2016			

Installation: Differential GPS	Method of Implementation: Org/Intermediate	Installation Quantity: 0
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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 77 - MQ-1 Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): GCS PPDL - 4452

Models of Systems Affected: MQ-1, MQ-9	Type Modification: Capability Improvement	Related RDT&E PEs: 0305219F
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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)	120.370	-	85.113	15.996	-	15.996	-	-	-	-	-	221.479
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	120.370	-	85.113	15.996	-	15.996	-	-	-	-	-	221.479
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	120.370	-	85.113	15.996	-	15.996	-	-	-	-	-	221.479

(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 Millions)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The MQ-1 Ground Control Station (GCS) functions as the aircraft cockpit and controls the aircraft either within line-of-sight (LOS) or beyond-line-of-sight (BLOS) via a combination of satellite relay and terrestrial communications. This modification includes installation of Predator Primary Data Link (PPDL) for higher data rate encrypted communications plus associated Surface Terminal Subsystems (STSS) necessary for BLOS communications. GCSs for MQ-1 are common with MQ-9 and these modifications support both aircraft fleets.

This effort includes both STSS kits and GCS kits in FY11 and only GCS kits in FY12. This mix of kits makes the FY11 unit cost appear higher than FY12 when in actuality the unit cost is consistent. In FY12 52 STSS kits and 52 GCS kits are included. In FY11, only GCS kits are included. The program intended to procure 39 GCS kits in FY11 but, due to funding limitations, will only procure 20.

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Exhibit P-3A, Individual Modification: PB 2013 Air Force										Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5					P-1 Line Item Nomenclature: 77 - MQ-1 Mods					Modification Nomenclature (<i>Modification Title, Modification Number</i>): GCS PPDL - 4452			
Models of Systems Affected: MQ-1, MQ-9				Type Modification: Capability Improvement					Related RDT&E PEs: 0305219F				
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
GCS PPDL													
A Kits													
Recurring													
INSTALL KITS Group A (Active)													
	104	2.640	0	0.000	52	1.141	20	0.185	0	0.000	20	0.185	
<i>Subtotal Recurring</i>		2.640		0.000		1.141		0.185		0.000		0.185	
B Kits													
Recurring													
EQUIPMENT Group B (Active)													
	104	84.025	0	0.000	52	66.978	39	10.843	0	0.000	39	10.843	
<i>Subtotal Recurring</i>		84.025		0.000		66.978		10.843		0.000		10.843	
Secondary Distribution													
Air Force Active													
	104	120.370	0	0.000	52	85.113	39	15.996	0	0.000	39	15.996	
<i>Total, GCS PPDL</i>		104	86.665	0	0.000	52	68.119	39	11.028	0	0.000	39	11.028
<i>Total, All Modifications</i>			86.665		0.000		68.119		11.028		0.000		11.028
Support													
OTHER GOVT													
	0	25.048	0	0.000	0	13.970	0	2.466	0	0.000	0	2.466	
A&AS													
	0	5.308	0	0.000	0	1.854	0	1.620	0	0.000	0	1.620	
PMA													
	0	3.349	0	0.000	0	1.170	0	0.882	0	0.000	0	0.882	
<i>Total Support Cost</i>			33.705		0.000		16.994		4.968		0.000		4.968
<i>Procurement Cost (Procurement + Support)</i>			120.370		0.000		85.113		15.996		0.000		15.996
<i>Total Installation Cost</i>			0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)			120.370		0.000		85.113		15.996		0.000		15.996
Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
GCS PPDL													
A Kits													
Recurring													

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Exhibit P-3A, Individual Modification: PB 2013 Air Force									Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5				P-1 Line Item Nomenclature: 77 - MQ-1 Mods					Modification Nomenclature (<i>Modification Title, Modification Number</i>): GCS PPDL - 4452			
Models of Systems Affected: MQ-1, MQ-9			Type Modification: Capability Improvement				Related RDT&E PEs: 0305219F					
Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
INSTALL KITS Group A (Active)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	176	3.966
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		3.966
B Kits												
Recurring												
EQUIPMENT Group B (Active)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	195	161.846
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		161.846
Secondary Distribution												
Air Force Active	0	0.000	0	0.000	0	0.000	0	0.000	-	-	-	-
<i>Total, GCS PPDL</i>	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	195	165.812
<i>Total, All Modifications</i>		0.000		0.000		0.000		0.000		0.000		165.812
Support												
OTHER GOVT	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	41.484
A&AS	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	8.782
PMA	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	5.401
<i>Total Support Cost</i>		0.000		0.000		0.000		0.000		0.000		55.667
<i>Procurement Cost (Procurement + Support)</i>		0.000		0.000		0.000		0.000		0.000		221.479
<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		221.479
Remarks:												
Manufacturer Information: GCS PPDL												
Manufacturer Name: Unknown						Manufacturer Location: Unknown						
Administrative Leadtime (in Months): 3						Production Leadtime (in Months): 18						
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017					
Contract Dates		Sep 2012	Sep 2013									
Delivery Dates		Mar 2014	Mar 2015									
Installation: GCS PPDL												
Method of Implementation: Org/Intermediate				Installation Quantity: 0								

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

Appropriation / Budget Activity / Budget Sub Activity: 3010F : Aircraft Procurement, Air Force / BA 5 : Modification of Inservice Aircraft / BSA 5 : Other Aircraft	P-1 Line Item Nomenclature: 78 - MQ-9 UAV Mods
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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)	90.724	160.383	149.744	238.360	-	238.360	219.730	211.592	164.162	130.097	1,150.962	2,515.754
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	90.724	160.383	149.744	238.360	-	238.360	219.730	211.592	164.162	130.097	1,150.962	2,515.754
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	90.724	160.383	149.744	238.360	-	238.360	219.730	211.592	164.162	130.097	1,150.962	2,515.754
<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 Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The MQ-9 Reaper system is designed primarily to prosecute critical emerging Time Sensitive Targets (TST) as a radar-based attack asset with organic hard-kill capability (hunter-killer) and also perform Intelligence, Surveillance, Reconnaissance and Target Acquisition (ISR TA) as a secondary role. In the hunter-killer role, the aircraft will employ multi-spectral sensors to automatically find, fix, and track ground targets (Automatic Target Cueing (ATC) and assess post-strike results. The basic MQ-9 system consists of the aircraft, a ground control station, communications equipment, support equipment, Readiness Spares Packages (RSP), technical data/training, and personnel required to operate, maintain, and sustain the system. The aircraft is designed to be modular and open-ended: mission-specific equipment is employed in a 'plug-and-play' mission kit concept allowing specific aircraft and control station configurations to be tailored to fit mission needs. The MQ-9 aircraft will continue to be modified to ensure aircraft are standardized with the latest configuration. Additionally, the MQ-9 system will continue to evolve and upgrade its capabilities to satisfy new requirements and address Reliability and Maintainability (R&M) and safety issues as they arise. Retrofit also includes aircraft (including sensors) and ground control station and ground support system retrofits to baseline configurations. The plan is to retrofit all aircraft to a common Block 5 configuration dependent on funding profile and asset availability.

There are currently 87 MQ-9 aircraft in inventory with an estimated designed service life of 20,000 hours.

Effort in this modification summary and associated P3As has been broken out into several categories: Airborne Reconnaissance Systems (Gorgon Stare), Block 5 Depot, MQ-9 Field, MTS-B HD, Lynx SAR, GCS Modernization, Ka Migration, ASIP-2C, Blue Moon, Reliability and Maintainability (R&M) enhancements and MQ-9 Low Cost Mods. Beginning with FY13, Gorgon Stare funding will be reported independently in its own P-40 doc under Airborne Reconnaissance Systems PE 0305206 Gorgon Stare Mod 9160.

The program has been funded to latest cost estimate.

This program has associated Research, Development Test and Evaluation (RDT&E) AF funding in PEs 0305219F MQ-1 Predator, 0305206F Airborne Reconnaissance Systems, 0304260F Airborne SIGINT Enterprise, and 0604429F Airborne Electronic Attack and associated APAF funding in PE 0305206F Airborne Reconnaissance Systems and 0604429F Airborne Electronic Attack.

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

Appropriation / Budget Activity / Budget Sub Activity:
 3010F : Aircraft Procurement, Air Force / BA 5 : Modification of Inservice Aircraft /
 BSA 5 : Other Aircraft

P-1 Line Item Nomenclature:
 78 - MQ-9 UAV Mods

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 (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
MQ-9 (See enclosed P-40A)	P40A				0.000			160.383			10.930			5.152			0.000			5.152
GCS Blk 50 - 8679	P3A		-	-	-	-	-	-	-	-	28.383	-	-	91.538	-	-	-	-	-	91.538
Block 5 - 9151	P3A		-	-	-	-	-	-	-	-	-	-	-	27.438	-	-	-	-	-	27.438
MQ-9 Field - 9152	P3A		-	-	23.175	-	-	-	-	-	60.189	-	-	46.605	-	-	-	-	-	46.605
MTS-B HD - 9153	P3A		-	-	-	-	-	-	-	-	10.139	-	-	41.677	-	-	-	-	-	41.677
GCS Blk 30 - 9155	P3A		-	-	67.549	-	-	-	-	-	9.700	-	-	5.412	-	-	-	-	-	5.412
Ka Migration - 9156	P3A		-	-	-	-	-	-	-	-	-	-	-	8.061	-	-	-	-	-	8.061
IP Migration - 9161	P3A		-	-	-	-	-	-	-	-	30.403	-	-	12.477	-	-	-	-	-	12.477
Total Gross/Weapon System Cost					90.724			160.383			149.744			238.360			-			238.360

Item Nomenclature*	Exhibits	ID CD	FY 2014			FY 2015			FY 2016			FY 2017			To Complete			Total		
			Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
MQ-9 (See enclosed P-40A)	P40A				24.032			25.630			24.836			16.870			121.415			389.248
GCS Blk 50 - 8679	P3A		-	-	73.799	-	-	84.335	-	-	47.303	-	-	24.962	-	-	144.964	-	-	495.284
Block 5 - 9151	P3A		-	-	35.544	-	-	36.780	-	-	38.041	-	-	39.432	-	-	450.642	-	-	627.877
MQ-9 Field - 9152	P3A		-	-	20.298	-	-	4.997	-	-	3.444	-	-	0.420	-	-	-	-	-	159.128
MTS-B HD - 9153	P3A		-	-	32.558	-	-	33.678	-	-	34.833	-	-	32.224	-	-	390.756	-	-	575.865
GCS Blk 30 - 9155	P3A		-	-	5.642	-	-	1.110	-	-	-	-	-	-	-	-	-	-	-	89.413
Ka Migration - 9156	P3A		-	-	17.720	-	-	15.309	-	-	15.705	-	-	16.189	-	-	43.185	-	-	116.169
IP Migration - 9161	P3A		-	-	10.137	-	-	9.753	-	-	-	-	-	-	-	-	-	-	-	62.770
Total Gross/Weapon System Cost					219.730			211.592			164.162			130.097			1,150.962			2,515.754

*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:

With the exception of modifications listed in the P-40A, justification for individual modifications is provided in the P-3A exhibits.

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5 **P-1 Line Item Nomenclature:** 78 - MQ-9 UAV Mods **Aggregated Item Name:** MQ-9

Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
(Uncategorized)																			
1 - AIRBORNE RECONN SYSTEMS		-	0	0.000	-	4	160.383	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		4	160.383		0	0.000		0	0.000		0	0.000		0	0.000
2 - Lynx SAR		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.000		0	0.000		0	0.000
3 - ASIP-2C		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.000		0	0.000		0	0.000
4 - Blue Moon		-	0	0.000	-	0	0.000	-	0	6.000	-	0	0.000	-	0	0.000	-	0	0.000
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	6.000		0	0.000		0	0.000		0	0.000
5 - R&M enhancements		-	0	0.000	-	0	0.000	-	0	2.930	-	0	3.152	-	0	0.000	-	0	3.152
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	2.930		0	3.152		0	0.000		0	3.152
6 - MQ-9 Low Cost Mods		-	0	0.000	-	0	0.000	-	0	2.000	-	0	2.000	-	0	0.000	-	0	2.000
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	2.000		0	2.000		0	0.000		0	2.000
<i>Uncategorized Subtotal</i>				0.000			160.383			10.930			5.152			0.000			5.152
Total				0.000			160.383			10.930			5.152			0.000			5.152

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5 **P-1 Line Item Nomenclature:** 78 - MQ-9 UAV Mods **Aggregated Item Name:** MQ-9

Items († indicates the presence of a P-5A)	ID CD	FY 2014			FY 2015			FY 2016			FY 2017			To Complete			Total		
		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
(Uncategorized)																			
1 - AIRBORNE RECONN SYSTEMS		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	4	160.383
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.000						
2 - Lynx SAR		-	12	3.814	-	12	5.021	-	12	5.177	-	12	5.336	-	173	70.060	-	221	89.408
<i>Secondary Distribution</i>																			
Air Force Active			12	3.814		12	5.021		12	5.177		12	5.336						
3 - ASIP-2C		-	50	14.934	-	50	15.034	-	48	13.984	-	20	5.754	-	20	6.356	-	188	56.062
<i>Secondary Distribution</i>																			
Air Force Active			50	14.934		50	15.034		48	13.984		20	5.754						
4 - Blue Moon		-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	0.000	-	0	6.000
<i>Secondary Distribution</i>																			
Air Force Active			0	0.000		0	0.000		0	0.000		0	0.000						
5 - R&M enhancements		-	0	3.284	-	0	3.575	-	0	3.675	-	0	3.780	-	0	20.805	-	0	41.201
<i>Secondary Distribution</i>																			
Air Force Active			0	3.284		0	3.575		0	3.675		0	3.780						
6 - MQ-9 Low Cost Mods		-	0	2.000	-	0	2.000	-	0	2.000	-	0	2.000	-	0	24.194	-	0	36.194
<i>Secondary Distribution</i>																			
Air Force Active			0	2.000		0	2.000		0	2.000		0	2.000						
<i>Uncategorized Subtotal</i>				24.032			25.630			24.836			16.870			0.000			389.248
Total				24.032			25.630			24.836			16.870			121.415			389.248

Remarks:

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 78 - MQ-9 UAV Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): GCS Blk 50 - 8679

Models of Systems Affected: MQ-9	Type Modification: Capability Improvement	Related RDT&E PEs: 0205219F
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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)	-	-	28.383	91.538	-	91.538	73.799	84.335	47.303	24.962	144.964	495.284
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	-	28.383	91.538	-	91.538	73.799	84.335	47.303	24.962	144.964	495.284
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	-	-	28.383	91.538	-	91.538	73.799	84.335	47.303	24.962	144.964	495.284

(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 Millions)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The Ground Control Station (GCS) Block 50 retrofit program upgrades the Mobile, Dual Control and Predator Mission Aircrew Training System (Simulators).

Through an incremental approach, GCS modernization retrofits the legacy system with user-prioritized capabilities to include significant Human-Machine Interface (HMI) improvements, reliability and maintenance enhancements, and an architecture consistent with the evolving standards contained in the Unmanned Aerospace System (UAS) Command and Control (C2) Initiative (UCI) government-owned standard and in STANAG 4586. Standard Interfaces of UAV Control System (UCS) for NATO UAV Interoperability, where practical.

Unit costs vary due to the mix of Mobile, Dual Control and PMATS GCS Simulator retrofits, all of which have varying costs.

This program will utilize a buy to budget strategy. The program will buy additional quantities as funding permits.

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Exhibit P-3A, Individual Modification: PB 2013 Air Force										Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5					P-1 Line Item Nomenclature: 78 - MQ-9 UAV Mods					Modification Nomenclature (<i>Modification Title, Modification Number</i>): GCS Blk 50 - 8679			
Models of Systems Affected: MQ-9				Type Modification: Capability Improvement				Related RDT&E PEs: 0205219F					
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
GCS Blk 50													
A Kits													
Recurring													
INSTALL KITS Group A (Active)													
	0	0.000	0	0.000	9	2.569	32	8.219	0	0.000	32	8.219	
<i>Subtotal Recurring</i>		0.000		0.000		2.569		8.219		0.000		8.219	
B Kits													
Recurring													
EQUIPMENT Group B (Active)													
	0	0.000	0	0.000	9	23.120	32	73.978	0	0.000	32	73.978	
<i>Subtotal Recurring</i>		0.000		0.000		23.120		73.978		0.000		73.978	
Secondary Distribution													
Air Force Active													
	0	0.000	0	0.000	9	28.383	32	89.734	0	0.000	32	89.734	
<i>Total, GCS Blk 50</i>		0	0.000	0	0.000	9	25.689	32	82.197	0	0.000	32	82.197
<i>Total, All Modifications</i>			0.000		0.000		25.689		82.197		0.000		82.197
Support													
OTHER GOVT													
	0	0.000	0	0.000	0	2.694	0	7.537	0	0.000	0	7.537	
<i>Total Support Cost</i>		0.000		0.000		2.694		7.537		0.000		7.537	
<i>Procurement Cost (Procurement + Support)</i>			0.000		0.000		28.383		89.734		0.000		89.734
<i>Total Installation Cost</i>			0.000		0.000		0.000		1.804		0.000		1.804
Total Cost (Procurement + Support + Installation)			0.000		0.000		28.383		91.538		0.000		91.538
Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
GCS Blk 50													
A Kits													
Recurring													
INSTALL KITS Group A (Active)													
	24	6.093	27	7.184	16	3.776	6	1.999	48	11.987	162	41.827	
<i>Subtotal Recurring</i>		6.093		7.184		3.776		1.999		11.987		41.827	

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 78 - MQ-9 UAV Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): GCS Blk 50 - 8679

Models of Systems Affected: MQ-9	Type Modification: Capability Improvement	Related RDT&E PEs: 0205219F
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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												
EQUIPMENT Group B (Active)	24	54.838	27	64.660	16	33.989	6	17.990	48	107.882	162	376.457
<i>Subtotal Recurring</i>		54.838		64.660		33.989		17.990		107.882		376.457
Secondary Distribution												
Air Force Active	24	67.830	27	80.018	16	42.491	6	22.606	-	-	-	-
<i>Total, GCS Blk 50</i>	24	60.931	27	71.844	16	37.765	6	19.989	48	119.869	162	418.284
<i>Total, All Modifications</i>		60.931		71.844		37.765		19.989		119.869		418.284
Support												
OTHER GOVT	0	6.899	0	8.174	0	4.726	0	2.617	0	11.486	0	44.133
<i>Total Support Cost</i>		6.899		8.174		4.726		2.617		11.486		44.133
<i>Procurement Cost (Procurement + Support)</i>		67.830		80.018		42.491		22.606		131.355		462.417
<i>Total Installation Cost</i>		5.969		4.317		4.812		2.356		13.609		32.867
Total Cost (Procurement + Support + Installation)		73.799		84.335		47.303		24.962		144.964		495.284

Remarks:

Manufacturer Information: GCS Blk 50

Manufacturer Name: Unknown	Manufacturer Location: Unknown
Administrative Leadtime (in Months): 3	Production Leadtime (in Months): 16

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates		May 2012	May 2013	May 2014	May 2015	May 2016	May 2017
Delivery Dates		Sep 2013	Sep 2014	Sep 2015	Sep 2016	Sep 2017	Sep 2018

Installation: GCS Blk 50	Method of Implementation: Contract Field Team	Installation Name:
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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	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 78 - MQ-9 UAV Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): GCS Blk 50 - 8679
Models of Systems Affected: MQ-9	Type Modification: Capability Improvement	Related RDT&E PEs: 0205219F

Installation: GCS Blk 50	Method of Implementation: Contract Field Team	Installation Name:
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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	-	-	-	-	-	-	9	1.804	-	-	9	1.804
Secondary Distribution - Air Force Active	-	-	-	-	-	-	9	1.804	-	-	9	1.804
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	0	0.000	-	-	0	0.000
Secondary Distribution - Air Force Active	-	-	-	-	-	-	0	0.000	-	-	0	0.000
Total	-	-	-	-	-	-	9	1.804	-	-	9	1.804
Secondary Distribution - Air Force Active	-	-	-	-	-	-	9	1.804	-	-	9	1.804

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ 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	9	1.804
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	32	5.969	-	-	-	-	-	-	0	0.000	32	5.969
Secondary Distribution - Air Force Active	32	5.969	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	24	4.317	-	-	-	-	0	0.000	24	4.317
Secondary Distribution - Air Force Active	-	-	24	4.317	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	27	4.812	-	-	0	0.000	27	4.812
Secondary Distribution - Air Force Active	-	-	-	-	27	4.812	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	16	2.356	0	0.000	16	2.356

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5		P-1 Line Item Nomenclature: 78 - MQ-9 UAV Mods
Modification Nomenclature (Modification Title, Modification Number): GCS Blk 50 - 8679		

Models of Systems Affected: MQ-9	Type Modification: Capability Improvement	Related RDT&E PEs: 0205219F
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Installation: GCS Blk 50	Method of Implementation: Contract Field Team	Installation Name:
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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)
Secondary Distribution - Air Force Active	-	-	-	-	-	-	16	2.356	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	6	2.744	6	2.744
To Complete	0	0.000	0	0.000	0	0.000	0	0.000	48	10.865	48	10.865
Secondary Distribution - Air Force Active	0	0.000	0	0.000	0	0.000	0	0.000	-	-	-	-
Total	32	5.969	24	4.317	27	4.812	16	2.356	54	13.609	162	32.867
Secondary Distribution - Air Force Active	32	5.969	24	4.317	27	4.812	16	2.356	-	-	-	-

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	0	0	0	0	0	0	0	0	0	0	2	2	2	3	6	6	6	7	6	6	6	6	6	7	7	7	4	73	162
Out	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	3	6	6	6	7	6	6	6	6	6	7	7	7	77	162

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 78 - MQ-9 UAV Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Block 5 - 9151

Models of Systems Affected: MQ-9	Type Modification: Capability Improvement	Related RDT&E PEs: 0205219F
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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)	-	-	-	27.438	-	27.438	35.544	36.780	38.041	39.432	450.642	627.877
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	-	-	27.438	-	27.438	35.544	36.780	38.041	39.432	450.642	627.877
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	-	-	-	27.438	-	27.438	35.544	36.780	38.041	39.432	450.642	627.877

(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 Millions)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

This modification is a portion of the retrofit program that upgrades MQ-9 aircraft from the Block 1 configuration to the Block 5 configuration and takes place at the Depot. Upgrades that are part of this modification include, but are not limited to, installing High Capacity Starter/Generator, Predator Primary Data Link (PPDL), Forward Avionics Bay Redesign, Differential GPS, Vortex Encrypted Datalink, and Mission Control Module/Payload Control Computer (MCM/PCC).

Note on "INSTALLATION OF HARDWARE": The FY18 line captures the quantity and install costs for all modification kits procured and installed outside the FYDP.

This program will utilize a buy to budget strategy. The program will buy additional quantities as funding permits.

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Exhibit P-3A, Individual Modification: PB 2013 Air Force								Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5				P-1 Line Item Nomenclature: 78 - MQ-9 UAV Mods				Modification Nomenclature (<i>Modification Title, Modification Number</i>): Block 5 - 9151					
Models of Systems Affected: MQ-9			Type Modification: Capability Improvement					Related RDT&E PEs: 0205219F					
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	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 5													
A Kits													
Recurring													
INSTALL KITS Group A (Active)													
	0	0.000	0	0.000	0	0.000	12	2.518	0	0.000	12	2.518	
<i>Subtotal Recurring</i>		0.000		0.000		0.000		2.518		0.000		2.518	
B Kits													
Recurring													
EQUIPMENT Group B (Active)													
	0	0.000	0	0.000	0	0.000	12	22.661	0	0.000	12	22.661	
<i>Subtotal Recurring</i>		0.000		0.000		0.000		22.661		0.000		22.661	
NonRecurring													
EQUIP NONREC Group B (Active)													
	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		0.000	
Secondary Distribution													
Air Force Active													
	0	0.000	0	0.000	0	0.000	12	27.438	0	0.000	12	27.438	
<i>Total, Block 5</i>		0	0.000	0	0.000	0	0.000	12	25.179	0	0.000	12	25.179
<i>Total, All Modifications</i>			0.000		0.000		0.000		25.179		0.000		25.179
Support													
OTHER GOVT													
	0	0.000	0	0.000	0	0.000	0	2.259	0	0.000	0	2.259	
<i>Total Support Cost</i>		0.000		0.000		0.000		2.259		0.000		2.259	
<i>Procurement Cost (Procurement + Support)</i>		0.000		0.000		0.000		27.438		0.000		27.438	
<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		27.438		0.000		27.438	
Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	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 5													
A Kits													

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Exhibit P-3A, Individual Modification: PB 2013 Air Force										Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5					P-1 Line Item Nomenclature: 78 - MQ-9 UAV Mods					Modification Nomenclature (<i>Modification Title, Modification Number</i>): Block 5 - 9151			
Models of Systems Affected: MQ-9				Type Modification: Capability Improvement				Related RDT&E PEs: 0205219F					
Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total		
	Qty (Each)	Total Cost (\$ M)	Qty (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													
INSTALL KITS Group A (Active)	12	2.596	12	2.676	12	2.758	12	2.843	125	32.660	185	46.051	
<i>Subtotal Recurring</i>		2.596		2.676		2.758		2.843		32.660		46.051	
B Kits													
Recurring													
EQUIPMENT Group B (Active)	12	23.360	12	24.081	12	24.825	12	25.592	125	293.936	185	414.455	
<i>Subtotal Recurring</i>		23.360		24.081		24.825		25.592		293.936		414.455	
NonRecurring													
EQUIP NONREC Group B (Active)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		0.000	
Secondary Distribution													
Air Force Active	12	29.279	12	30.322	12	31.383	12	32.569	-	-	-	-	
<i>Total, Block 5</i>	12	25.956	12	26.757	12	27.583	12	28.435	125	326.596	185	460.506	
<i>Total, All Modifications</i>		25.956		26.757		27.583		28.435		326.596		460.506	
Support													
OTHER GOVT	0	3.323	0	3.565	0	3.800	0	4.134	0	35.707	0	52.788	
<i>Total Support Cost</i>		3.323		3.565		3.800		4.134		35.707		52.788	
<i>Procurement Cost (Procurement + Support)</i>		29.279		30.322		31.383		32.569		362.303		513.294	
<i>Total Installation Cost</i>		6.265		6.458		6.658		6.863		88.339		114.583	
Total Cost (Procurement + Support + Installation)		35.544		36.780		38.041		39.432		450.642		627.877	
Remarks:													
Manufacturer Information: Block 5													
Manufacturer Name: Unknown						Manufacturer Location: Unknown							
Administrative Leadtime (in Months): 3						Production Leadtime (in Months): 15							
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017						
Contract Dates			Apr 2013	Apr 2014	Apr 2015	Apr 2016	Apr 2017						
Delivery Dates			Jul 2014	Jul 2015	Jul 2016	Jul 2017	Jul 2018						

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5		P-1 Line Item Nomenclature: 78 - MQ-9 UAV Mods
		Modification Nomenclature (Modification Title, Modification Number): Block 5 - 9151
Models of Systems Affected: MQ-9	Type Modification: Capability Improvement	Related RDT&E PEs: 0205219F

Installation: Block 5	Method of Implementation: Depot	Installation Name:
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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	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ 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	12	6.265	-	-	-	-	-	-	0	0.000	12	6.265
Secondary Distribution - Air Force Active	12	6.265	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	12	6.458	-	-	-	-	0	0.000	12	6.458
Secondary Distribution - Air Force Active	-	-	12	6.458	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	12	6.658	-	-	0	0.000	12	6.658
Secondary Distribution - Air Force Active	-	-	-	-	12	6.658	-	-	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5		P-1 Line Item Nomenclature: 78 - MQ-9 UAV Mods
		Modification Nomenclature (<i>Modification Title, Modification Number</i>): Block 5 - 9151
Models of Systems Affected: MQ-9	Type Modification: Capability Improvement	Related RDT&E PEs: 0205219F

Installation: Block 5	Method of Implementation: Depot	Installation Name:
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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	6.863	0	0.000	12	6.863
Secondary Distribution - Air Force Active	-	-	-	-	-	-	12	6.863	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	12	7.074	12	7.074
To Complete	0	0.000	0	0.000	0	0.000	0	0.000	125	81.265	125	81.265
Secondary Distribution - Air Force Active	0	0.000	0	0.000	0	0.000	0	0.000	-	-	-	-
Total	12	6.265	12	6.458	12	6.658	12	6.863	137	88.339	185	114.583
Secondary Distribution - Air Force Active	12	6.265	12	6.458	12	6.658	12	6.863	-	-	-	-

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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	3	3	3	3	3	3	3	3	3	3	3	21	60
Out	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	3	3	3	3	3	3	3	3	3	3	24	60

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Exhibit P-3A, Individual Modification: PB 2013 Air Force							Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5				P-1 Line Item Nomenclature: 78 - MQ-9 UAV Mods				Modification Nomenclature (<i>Modification Title, Modification Number</i>): MQ-9 Field - 9152				
Models of Systems Affected: MQ-9			Type Modification: Capability Improvement				Related RDT&E PEs: 0205219F					

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)	23.175	-	60.189	46.605	-	46.605	20.298	4.997	3.444	0.420	-	159.128
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	23.175	-	60.189	46.605	-	46.605	20.298	4.997	3.444	0.420	-	159.128
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	23.175	-	60.189	46.605	-	46.605	20.298	4.997	3.444	0.420	-	159.128

(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 Millions)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

This modification is a portion of the field retrofit program that upgrades Block 1 MQ-9 aircraft with some select Block 5 capabilities and utilizes a field team to perform the modification. Upgrades that are part of this modification include, but are not limited to, High Definition aircraft upgrades, laser altimeter, BRU-71 bomb racks, landing gear, VORTEX encrypted datalink, Stores Management System (SMS), and Selective Availability Anti-Spoofing Module (SAASM). Field retrofits may also include communications, sensors, weapons and other upgrades as required to meet urgent operational needs.

Equipment quantities only reflect the Main Landing Gear (MLG) modifications. The associated costs however, reflect all costs associated with the multiple elements (e.g. H/D aircraft upgrades, laser altimeter, BRU-71 racks, etc) of the MQ-9 field retrofits.

This program will utilize a buy to budget strategy. The program will buy additional quantities as funding permits.

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Exhibit P-3A, Individual Modification: PB 2013 Air Force								Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5				P-1 Line Item Nomenclature: 78 - MQ-9 UAV Mods				Modification Nomenclature (<i>Modification Title, Modification Number</i>): MQ-9 Field - 9152					
Models of Systems Affected: MQ-9				Type Modification: Capability Improvement				Related RDT&E PEs: 0205219F					
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
MQ-9 Field													
A Kits													
Recurring													
INSTALL KITS Group A (Active)													
	20	2.317	0	0.000	32	6.009	32	3.914	0	0.000	32	3.914	
<i>Subtotal Recurring</i>		2.317		0.000		6.009		3.914		0.000		3.914	
NonRecurring													
KITS NONRECUR Group A (Active)													
	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		0.000	
B Kits													
Recurring													
EQUIPMENT Group B (Active)													
	20	20.858	0	0.000	32	54.082	32	35.222	0	0.000	32	35.222	
<i>Subtotal Recurring</i>		20.858		0.000		54.082		35.222		0.000		35.222	
Secondary Distribution													
Air Force Active													
	20	23.175	0	0.000	32	60.091	32	39.136	0	0.000	32	39.136	
<i>Total, MQ-9 Field</i>		20	23.175	0	0.000	32	60.091	32	39.136	0	0.000	32	39.136
<i>Total, All Modifications</i>			23.175		0.000		60.091		39.136		0.000		39.136
<i>Procurement Cost (Procurement + Support)</i>			23.175		0.000		60.091		39.136		0.000		39.136
<i>Total Installation Cost</i>			0.000		0.000		0.098		7.469		0.000		7.469
Total Cost (Procurement + Support + Installation)			23.175		0.000		60.189		46.605		0.000		46.605
Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
MQ-9 Field													
A Kits													
Recurring													
INSTALL KITS Group A (Active)													
	26	1.339	0	0.045	0	0.020	0	0.000	0	0.000	110	13.644	
<i>Subtotal Recurring</i>		1.339		0.045		0.020		0.000		0.000		13.644	

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 78 - MQ-9 UAV Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): MQ-9 Field - 9152

Models of Systems Affected: MQ-9	Type Modification: Capability Improvement	Related RDT&E PEs: 0205219F
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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												
KITS NONRECUR Group A (Active)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		0.000
B Kits												
Recurring												
EQUIPMENT Group B (Active)	26	12.051	0	0.404	0	0.181	0	0.000	0	0.000	110	122.798
<i>Subtotal Recurring</i>		12.051		0.404		0.181		0.000		0.000		122.798
Secondary Distribution												
Air Force Active	26	13.390	0	0.449	0	0.201	0	0.000	-	-	-	-
<i>Total, MQ-9 Field</i>	26	13.390	0	0.449	0	0.201	0	0.000	0	0.000	110	136.442
<i>Total, All Modifications</i>		13.390		0.449		0.201		0.000		0.000		136.442
<i>Procurement Cost (Procurement + Support)</i>		13.390		0.449		0.201		0.000		0.000		136.442
<i>Total Installation Cost</i>		6.908		4.548		3.243		0.420		0.000		22.686
Total Cost (Procurement + Support + Installation)		20.298		4.997		3.444		0.420		0.000		159.128

Remarks:

Manufacturer Information: MQ-9 Field

Manufacturer Name: Unknown	Manufacturer Location: Unknown
Administrative Leadtime (in Months): 3	Production Leadtime (in Months): 14

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

Installation: MQ-9 Field **Method of Implementation:** Depot Field Team **Installation Name:**

Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ 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	0.098	20	7.469	-	-	20	7.469
Secondary Distribution - Air Force Active	-	-	-	-	0	0.098	20	7.469	-	-	20	7.469

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 78 - MQ-9 UAV Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): MQ-9 Field - 9152
Models of Systems Affected: MQ-9	Type Modification: Capability Improvement	Related RDT&E PEs: 0205219F

Installation: MQ-9 Field	Method of Implementation: Depot Field Team	Installation Name:
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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	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	0	0.000	0	0.000	-	-	0	0.000
Secondary Distribution - Air Force Active	-	-	-	-	0	0.000	0	0.000	-	-	0	0.000
Total	-	-	-	-	0	0.098	20	7.469	-	-	20	7.469
Secondary Distribution - Air Force Active	-	-	-	-	0	0.098	20	7.469	-	-	20	7.469

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ 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	20	7.567
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	32	6.908	-	-	-	-	-	-	0	0.000	32	6.908
Secondary Distribution - Air Force Active	32	6.908	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	32	4.548	-	-	-	-	0	0.000	32	4.548
Secondary Distribution - Air Force Active	-	-	32	4.548	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	26	3.243	-	-	0	0.000	26	3.243
Secondary Distribution - Air Force Active	-	-	-	-	26	3.243	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	0	0.420	0	0.000	0	0.420
Secondary Distribution - Air Force Active	-	-	-	-	-	-	0	0.420	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 78 - MQ-9 UAV Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): MQ-9 Field - 9152

Models of Systems Affected: MQ-9	Type Modification: Capability Improvement	Related RDT&E PEs: 0205219F
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Installation: MQ-9 Field	Method of Implementation: Depot Field Team	Installation Name:
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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	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
Secondary Distribution - Air Force Active	0	0.000	0	0.000	0	0.000	0	0.000	-	-	-	-
Total	32	6.908	32	4.548	26	3.243	0	0.420	0	0.000	110	22.686
Secondary Distribution - Air Force Active	32	6.908	32	4.548	26	3.243	0	0.420	-	-	-	-

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	0	0	0	0	0	0	0	0	5	5	5	5	8	8	8	8	8	8	8	8	7	6	7	6	0	0	0	110
Out	0	0	0	0	0	0	0	0	0	0	5	5	5	5	8	8	8	8	8	8	8	8	7	6	7	6	0	0	0	110

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 78 - MQ-9 UAV Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): MTS-B HD - 9153

Models of Systems Affected: MQ-9	Type Modification: Capability Improvement	Related RDT&E PEs: 0205219F
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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)	-	-	10.139	41.677	-	41.677	32.558	33.678	34.833	32.224	390.756	575.865
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	-	10.139	41.677	-	41.677	32.558	33.678	34.833	32.224	390.756	575.865
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	-	-	10.139	41.677	-	41.677	32.558	33.678	34.833	32.224	390.756	575.865

(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 Millions)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The MTS B EO/IR sensor High Definition Target Location Accuracy (HD/TLA) modification is a planned upgrade/replacement for the current 480P MTS-B sensor systems in the field. It introduces all-digital high-definition (HD) cameras and Target Location Accuracy (TLA) improvements to improve imagery performance (definition and color) and geo-location capability to support employment of coordinate seeking weapons.

The basic components are updated MTS-B sensor units and high definition electronic units (HDEUs).

Procurement of upgraded MTS-B HD TLA sensors is documented in Group B equipment; installation will be accomplished by blue suits in the field so no installation costs are reflected in the schedule. All costs FY14 and out reflect HD TLA units.

Procurement of 94 MTS-B units upgraded from 480p to 720p capability is documented in INSTALL KITS Group A and NON RECURRING KITS Group A; installation will be accomplished in the depot and is documented in INSTALLATION OF HARDWARE.

This is a buy to budget strategy. Will buy additional quantities as funding permits.

Aircraft breakdown quantities reflect Equipment Group B HD TLA only.

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Exhibit P-3A, Individual Modification: PB 2013 Air Force									Date: February 2012				
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5				P-1 Line Item Nomenclature: 78 - MQ-9 UAV Mods					Modification Nomenclature (<i>Modification Title, Modification Number</i>): MTS-B HD - 9153				
Models of Systems Affected: MQ-9			Type Modification: Capability Improvement					Related RDT&E PEs: 0205219F					
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
MTS-B HD													
A Kits													
Recurring													
INSTALL KITS Group A (Active)													
	0	0.000	0	0.000	45	0.492	49	0.559	0	0.000	49	0.559	
<i>Subtotal Recurring</i>		0.000		0.000		0.492		0.559		0.000		0.559	
NonRecurring													
KITS NONREC Group A (Active)													
	0	0.000	0	0.000	45	4.424	49	5.027	0	0.000	49	5.027	
<i>Subtotal NonRecurring</i>		0.000		0.000		4.424		5.027		0.000		5.027	
B Kits													
Recurring													
EQUIPMENT Group B (Active)													
	0	0.000	0	0.000	0	1.940	12	30.410	0	0.000	12	30.410	
<i>Subtotal Recurring</i>		0.000		0.000		1.940		30.410		0.000		30.410	
NonRecurring													
EQUIP NONREC Group B (Active)													
	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		0.000	
Secondary Distribution													
Air Force Active													
	0	0.000	0	0.000	45	8.111	49	39.468	0	0.000	49	39.468	
<i>Total, MTS-B HD</i>		0	0.000	0	0.000	45	6.856	49	35.996	0	0.000	49	35.996
<i>Total, All Modifications</i>			0.000		0.000		6.856		35.996		0.000		35.996
Support													
OTHER GOVT													
	0	0.000	0	0.000	0	1.255	0	3.472	0	0.000	0	3.472	
<i>Total Support Cost</i>			0.000		0.000		1.255		3.472		0.000		3.472
<i>Procurement Cost (Procurement + Support)</i>			0.000		0.000		8.111		39.468		0.000		39.468
<i>Total Installation Cost</i>			0.000		0.000		2.028		2.209		0.000		2.209
Total Cost (Procurement + Support + Installation)			0.000		0.000		10.139		41.677		0.000		41.677

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Exhibit P-3A, Individual Modification: PB 2013 Air Force									Date: February 2012				
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5			P-1 Line Item Nomenclature: 78 - MQ-9 UAV Mods						Modification Nomenclature (<i>Modification Title, Modification Number</i>): MTS-B HD - 9153				
Models of Systems Affected: MQ-9			Type Modification: Capability Improvement				Related RDT&E PEs: 0205219F						
Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
MTS-B HD													
A Kits													
Recurring													
INSTALL KITS Group A (Active)													
	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	94	1.051	
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		1.051	
NonRecurring													
KITS NONREC Group A (Active)													
	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	94	9.451	
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		9.451	
B Kits													
Recurring													
EQUIPMENT Group B (Active)													
	12	29.504	12	30.414	12	31.353	12	28.846	99	359.794	159	512.261	
<i>Subtotal Recurring</i>		29.504		30.414		31.353		28.846		359.794		512.261	
NonRecurring													
EQUIP NONREC Group B (Active)													
	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		0.000	
Secondary Distribution													
Air Force Active													
	0	32.558	0	33.678	0	34.833	0	32.224	-	-	-	-	
<i>Total, MTS-B HD</i>		0	29.504	0	30.414	0	31.353	0	28.846	0	359.794	94	522.763
<i>Total, All Modifications</i>			29.504		30.414		31.353		28.846		359.794		522.763
Support													
OTHER GOVT													
	0	3.054	0	3.264	0	3.480	0	3.378	0	30.962	0	48.865	
<i>Total Support Cost</i>			3.054		3.264		3.480		3.378		30.962		48.865
<i>Procurement Cost (Procurement + Support)</i>			32.558		33.678		34.833		32.224		390.756		571.628
<i>Total Installation Cost</i>			0.000		0.000		0.000		0.000		0.000		4.237
Total Cost (Procurement + Support + Installation)			32.558		33.678		34.833		32.224		390.756		575.865
Remarks:													

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 78 - MQ-9 UAV Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): MTS-B HD - 9153

Models of Systems Affected: MQ-9	Type Modification: Capability Improvement	Related RDT&E PEs: 0205219F
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Manufacturer Information: MTS-B HD	
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Manufacturer Name: Unknown	Manufacturer Location: Unknown
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Administrative Leadtime (<i>in Months</i>): 3	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		Apr 2012	Apr 2013				
Delivery Dates		Jun 2012	Jun 2013				

Installation: MTS-B HD	Method of Implementation: Combination	Installation Name:
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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	-	-	-	-	45	2.028	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	45	2.028	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	49	2.209	-	-	49	2.209
Secondary Distribution - Air Force Active	-	-	-	-	-	-	49	2.209	-	-	49	2.209
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	0	0.000	0	0.000	-	-	0	0.000
Secondary Distribution - Air Force Active	-	-	-	-	0	0.000	0	0.000	-	-	0	0.000
Total	-	-	-	-	45	2.028	49	2.209	-	-	49	2.209
Secondary Distribution - Air Force Active	-	-	-	-	45	2.028	49	2.209	-	-	49	2.209

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ 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	45	2.028
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5		P-1 Line Item Nomenclature: 78 - MQ-9 UAV Mods
		Modification Nomenclature (<i>Modification Title, Modification Number</i>): MTS-B HD - 9153
Models of Systems Affected: MQ-9	Type Modification: Capability Improvement	Related RDT&E PEs: 0205219F

Installation: MTS-B HD	Method of Implementation: Combination	Installation Name:
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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	-	-	-	-	-	-	-	-	0	0.000	49	2.209
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	0	0.000	0	0.000
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	0	0.000	94	4.237
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-

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	0	0	0	0	0	0	0	11	11	11	12	12	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	94
Out	0	0	0	0	0	0	0	11	11	11	12	12	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	94

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Exhibit P-3A, Individual Modification: PB 2013 Air Force							Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5				P-1 Line Item Nomenclature: 78 - MQ-9 UAV Mods				Modification Nomenclature (<i>Modification Title, Modification Number</i>): GCS Blk 30 - 9155				
Models of Systems Affected: MQ-9			Type Modification: Capability Improvement				Related RDT&E PEs: 0205219F					

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)	67.549	-	9.700	5.412	-	5.412	5.642	1.110	-	-	-	89.413
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	67.549	-	9.700	5.412	-	5.412	5.642	1.110	-	-	-	89.413
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	67.549	-	9.700	5.412	-	5.412	5.642	1.110	-	-	-	89.413

(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 Millions)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The Ground Control Station (GCS) Block 30 modernization retrofit program upgrades the Fixed, Mobile, Dual Control and MD-1D MAC (Multi-Aircraft Control) GCSs and Simulators with new LINUX processors, high definition monitors, and ergonomic improvements.

Through an incremental approach, GCS modernization retrofits the legacy system with user-prioritized capabilities, to include significant Human-Machine Interface (HMI) improvements and reliability and maintenance enhancements.

Unit costs vary due to the mix of Fixed, Mobile, Dual Control and MD-1D MAC GCSs and Simulator retrofits, all of which have varying costs.

This program will utilize a buy to budget strategy. The program will buy additional quantities as funding permits.

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 78 - MQ-9 UAV Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): GCS Blk 30 - 9155

Models of Systems Affected: MQ-9	Type Modification: Capability Improvement	Related RDT&E PEs: 0205219F
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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												
GCS Blk 30												
A Kits												
Recurring												
INSTALL KITS Group A (Active)	60	6.755	0	0.000	18	0.970	0	0.000	0	0.000	0	0.000
<i>Subtotal Recurring</i>		6.755		0.000		0.970		0.000		0.000		0.000
B Kits												
Recurring												
EQUIPMENT Group B (Active)	60	60.794	0	0.000	18	8.730	0	0.000	0	0.000	0	0.000
<i>Subtotal Recurring</i>		60.794		0.000		8.730		0.000		0.000		0.000
Secondary Distribution												
Air Force Active	60	67.549	0	0.000	18	9.700	0	0.000	0	0.000	0	0.000
<i>Total, GCS Blk 30</i>	60	67.549	0	0.000	18	9.700	0	0.000	0	0.000	0	0.000
<i>Total, All Modifications</i>		67.549		0.000		9.700		0.000		0.000		0.000
<i>Procurement Cost (Procurement + Support)</i>		67.549		0.000		9.700		0.000		0.000		0.000
<i>Total Installation Cost</i>		0.000		0.000		0.000		5.412		0.000		5.412
Total Cost (Procurement + Support + Installation)		67.549		0.000		9.700		5.412		0.000		5.412

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
GCS Blk 30												
A Kits												
Recurring												
INSTALL KITS Group A (Active)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	78	7.725
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		7.725
B Kits												
Recurring												
EQUIPMENT Group B (Active)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	78	69.524

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 78 - MQ-9 UAV Mods	Modification Nomenclature (Modification Title, Modification Number): GCS Blk 30 - 9155

Models of Systems Affected: MQ-9	Type Modification: Capability Improvement	Related RDT&E PEs: 0205219F
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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		69.524
Secondary Distribution												
Air Force Active	0	0.000	0	0.000	0	0.000	0	0.000	-	-	-	-
<i>Total, GCS Blk 30</i>	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	78	77.249
<i>Total, All Modifications</i>		0.000		0.000		0.000		0.000		0.000		77.249
<i>Procurement Cost (Procurement + Support)</i>		0.000		0.000		0.000		0.000		0.000		77.249
<i>Total Installation Cost</i>		5.642		1.110		0.000		0.000		0.000		12.164
Total Cost (Procurement + Support + Installation)		5.642		1.110		0.000		0.000		0.000		89.413

Remarks:

Manufacturer Information: GCS Blk 30

Manufacturer Name: Unknown	Manufacturer Location: Unknown
Administrative Leadtime (in Months): 3	Production Leadtime (in Months): 16

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

Installation: GCS Blk 30 **Method of Implementation:** Depot Field Team **Installation Name:**

Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ 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	5.412	-	-	35	5.412
Secondary Distribution - Air Force Active	-	-	-	-	-	-	35	5.412	-	-	35	5.412
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Air Force							Date: February 2012						
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5				P-1 Line Item Nomenclature: 78 - MQ-9 UAV Mods				Modification Nomenclature (<i>Modification Title, Modification Number</i>): GCS Blk 30 - 9155					
Models of Systems Affected: MQ-9				Type Modification: Capability Improvement				Related RDT&E PEs: 0205219F					

Installation: GCS Blk 30				Method of Implementation: Depot Field Team				Installation Name:					
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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	-	-	-	-	-	-	0	0.000	-	-	0	0.000
Secondary Distribution - Air Force Active	-	-	-	-	-	-	0	0.000	-	-	0	0.000
Total	-	-	-	-	-	-	35	5.412	-	-	35	5.412
Secondary Distribution - Air Force Active	-	-	-	-	-	-	35	5.412	-	-	35	5.412

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ 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	3.358	-	-	-	-	-	-	0	0.000	60	8.770
Secondary Distribution - Air Force Active	25	3.358	-	-	-	-	-	-	-	-	-	-
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	17	2.284	1	1.110	-	-	-	-	0	0.000	18	3.394
Secondary Distribution - Air Force Active	17	2.284	1	1.110	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	0	0.000	0	0.000	-	-	-	-	0	0.000	0	0.000
Secondary Distribution - Air Force Active	0	0.000	0	0.000	-	-	-	-	-	-	-	-
Total	42	5.642	1	1.110	-	-	-	-	0	0.000	78	12.164
Secondary Distribution - Air Force Active	42	5.642	1	1.110	-	-	-	-	-	-	-	-

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	0	0	0	0	0	0	0	0	1	12	22	22	11	6	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	78
Out	0	0	0	0	0	0	0	0	0	0	0	4	19	28	11	6	6	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	78

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 78 - MQ-9 UAV Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Ka Migration - 9156

Models of Systems Affected: MQ-9	Type Modification: Capability Improvement	Related RDT&E PEs: 0205219F
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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)	-	-	-	8.061	-	8.061	17.720	15.309	15.705	16.189	43.185	116.169
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	-	-	8.061	-	8.061	17.720	15.309	15.705	16.189	43.185	116.169
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	-	-	-	8.061	-	8.061	17.720	15.309	15.705	16.189	43.185	116.169

(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 Millions)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

Retrofit includes hardware and software interfaces to migrate MQ-9 orbits to military SATCOM (MILSATCOM) instead of commercial KU communication satellites. Includes new SATCOM antenna, radome and the system management Human Machine Interface (HMI).

The quantities listed below in FY14 and beyond are for kits and installs associated with retrofitting the MQ-9 aircraft with Ka communication system capability. The costs however, are associated with the entire Ka migration program and include aircraft modification kits, ground kits for the relay sites, and Field Programmable Gate Array (FPGA) card kits. The funding in FY13 will be used to procure 2 ground kits and 12 FPGA card kits.

Only a portion (100 aircraft) of the fleet will migrate to Ka to aid in alleviating congestion on the Ku frequency. This program will utilize a buy to budget strategy. The program will buy additional quantities as funding permits.

Must specify a milestones contract date in PY, CY, or BY1.

Must specify a milestones delivery date in PY, CY, or BY1.

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Exhibit P-3A, Individual Modification: PB 2013 Air Force										Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5					P-1 Line Item Nomenclature: 78 - MQ-9 UAV Mods					Modification Nomenclature (<i>Modification Title, Modification Number</i>): Ka Migration - 9156			
Models of Systems Affected: MQ-9				Type Modification: Capability Improvement				Related RDT&E PEs: 0205219F					
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
Ka Migration													
A Kits													
Recurring													
INSTALL KITS Group A (Active)													
	0	0.000	0	0.000	0	0.000	0	0.806	0	0.000	0	0.806	
<i>Subtotal Recurring</i>													
		0.000		0.000		0.000		0.806		0.000		0.806	
B Kits													
Recurring													
EQUIPMENT Group B (Active)													
	0	0.000	0	0.000	0	0.000	0	7.255	0	0.000	0	7.255	
<i>Subtotal Recurring</i>													
		0.000		0.000		0.000		7.255		0.000		7.255	
Secondary Distribution													
Air Force Active													
	0	0.000	0	0.000	0	0.000	0	8.061	0	0.000	0	8.061	
<i>Total, Ka Migration</i>													
	0	0.000	0	0.000	0	0.000	0	8.061	0	0.000	0	8.061	
<i>Total, All Modifications</i>													
		0.000		0.000		0.000		8.061		0.000		8.061	
Support													
Make New Selection													
	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	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		8.061		0.000		8.061	
<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		8.061		0.000		8.061	
Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
Ka Migration													
A Kits													
Recurring													
INSTALL KITS Group A (Active)													
	20	1.723	20	1.433	20	1.477	20	1.523	20	3.667	100	10.629	
<i>Subtotal Recurring</i>													
		1.723		1.433		1.477		1.523		3.667		10.629	

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 78 - MQ-9 UAV Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Ka Migration - 9156

Models of Systems Affected: MQ-9	Type Modification: Capability Improvement	Related RDT&E PEs: 0205219F
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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												
EQUIPMENT Group B (Active)	20	15.997	20	13.632	20	13.297	20	13.707	20	33.000	100	96.888
<i>Subtotal Recurring</i>		15.997		13.632		13.297		13.707		33.000		96.888
Secondary Distribution												
Air Force Active	20	17.720	20	15.065	20	14.774	20	15.230	-	-	-	-
<i>Total, Ka Migration</i>	20	17.720	20	15.065	20	14.774	20	15.230	20	36.667	100	107.517
<i>Total, All Modifications</i>		17.720		15.065		14.774		15.230		36.667		107.517
Support												
Make New Selection	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	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>		17.720		15.065		14.774		15.230		36.667		107.517
<i>Total Installation Cost</i>		0.000		0.244		0.931		0.959		6.518		8.652
Total Cost (Procurement + Support + Installation)		17.720		15.309		15.705		16.189		43.185		116.169

Remarks:

Manufacturer Information: Ka Migration

Manufacturer Name: Unknown	Manufacturer Location: Unknown
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							

Installation: Ka Migration

Method of Implementation: Depot Field Team	Installation Name:
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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	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 78 - MQ-9 UAV Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Ka Migration - 9156
Models of Systems Affected: MQ-9	Type Modification: Capability Improvement	Related RDT&E PEs: 0205219F

Installation: Ka Migration	Method of Implementation: Depot Field Team	Installation Name:
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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	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ 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	-	-	5	0.244	15	0.698	-	-	0	0.000	20	0.942
Secondary Distribution - Air Force Active	-	-	5	0.244	15	0.698	-	-	-	-	-	-
FY 2015	-	-	-	-	5	0.233	15	0.719	0	0.000	20	0.952
Secondary Distribution - Air Force Active	-	-	-	-	5	0.233	15	0.719	-	-	-	-
FY 2016	-	-	-	-	-	-	5	0.240	15	0.741	20	0.981
Secondary Distribution - Air Force Active	-	-	-	-	-	-	5	0.240	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	5	0.247	5	0.247
To Complete	-	-	0	0.000	0	0.000	0	0.000	0	5.530	0	5.530

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5		P-1 Line Item Nomenclature: 78 - MQ-9 UAV Mods
		Modification Nomenclature (<i>Modification Title, Modification Number</i>): Ka Migration - 9156
Models of Systems Affected: MQ-9	Type Modification: Capability Improvement	Related RDT&E PEs: 0205219F

Installation: Ka Migration	Method of Implementation: Depot Field Team	Installation Name:
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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)
Secondary Distribution - Air Force Active	-	-	0	0.000	0	0.000	0	0.000	-	-	-	-
Total	-	-	5	0.244	20	0.931	20	0.959	20	6.518	65	8.652
Secondary Distribution - Air Force Active	-	-	5	0.244	20	0.931	20	0.959	-	-	-	-

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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	55	100
Out	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	60	100

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Exhibit P-3A, Individual Modification: PB 2013 Air Force								Date: February 2012				
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5				P-1 Line Item Nomenclature: 78 - MQ-9 UAV Mods				Modification Nomenclature (<i>Modification Title, Modification Number</i>): IP Migration - 9161				
Models of Systems Affected: MQ-9			Type Modification: Capability Improvement					Related RDT&E PEs: 0205219F				

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)	-	-	30.403	12.477	-	12.477	10.137	9.753	-	-	-	62.770
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	-	30.403	12.477	-	12.477	10.137	9.753	-	-	-	62.770
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	-	-	30.403	12.477	-	12.477	10.137	9.753	-	-	-	62.770

(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 Millions)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The current MQ-1/MQ-9 remote split operations (RSO) architecture, used to operate the aircraft and return sensor data, is based on an ATM hardware and data standard. ATM hardware and services are becoming vanished vendor/vanished service items and the MQ-1/MQ-9 programs must migrate to an IP-based system in order to maintain RSO operations.

The IP migration effort consists of an IP-based RSO architecture linking ground control stations(GCS) and relay sites in order to operate MQ-1/MQ-9 aircraft and payloads.

Total costs reflect a combination of GCS units and relay sites, however, quantities reflect GCS units only (230).

The program will utilize a buy to budget strategy. The program will buy additional quantities as funding permits.

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 78 - MQ-9 UAV Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): IP Migration - 9161

Models of Systems Affected: MQ-9	Type Modification: Capability Improvement	Related RDT&E PEs: 0205219F
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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												
IP Migration												
A Kits												
Recurring												
INSTALL KITS Group A (Active)	0	0.000	0	0.000	106	2.206	57	0.980	0	0.000	57	0.980
<i>Subtotal Recurring</i>		0.000		0.000		2.206		0.980		0.000		0.980
B Kits												
Recurring												
EQUIPMENT Group B (Active)	0	0.000	0	0.000	106	19.854	57	8.818	0	0.000	57	8.818
<i>Subtotal Recurring</i>		0.000		0.000		19.854		8.818		0.000		8.818
Secondary Distribution												
Air Force Active	0	0.000	0	0.000	106	22.060	57	9.798	0	0.000	57	9.798
<i>Total, IP Migration</i>	0	0.000	0	0.000	106	22.060	57	9.798	0	0.000	57	9.798
<i>Total, All Modifications</i>		0.000		0.000		22.060		9.798		0.000		9.798
<i>Procurement Cost (Procurement + Support)</i>		0.000		0.000		22.060		9.798		0.000		9.798
<i>Total Installation Cost</i>		0.000		0.000		8.343		2.679		0.000		2.679
Total Cost (Procurement + Support + Installation)		0.000		0.000		30.403		12.477		0.000		12.477

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
IP Migration												
A Kits												
Recurring												
INSTALL KITS Group A (Active)	6	0.748	61	0.761	0	0.000	0	0.000	0	0.000	230	4.695
<i>Subtotal Recurring</i>		0.748		0.761		0.000		0.000		0.000		4.695
B Kits												
Recurring												
EQUIPMENT Group B (Active)	6	6.730	61	6.849	0	0.000	0	0.000	0	0.000	230	42.251

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 78 - MQ-9 UAV Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): IP Migration - 9161

Models of Systems Affected: MQ-9	Type Modification: Capability Improvement	Related RDT&E PEs: 0205219F
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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>		6.730		6.849		0.000		0.000		0.000		42.251
Secondary Distribution												
Air Force Active	6	7.478	61	7.610	0	0.000	0	0.000	-	-	-	-
<i>Total, IP Migration</i>	6	7.478	61	7.610	0	0.000	0	0.000	0	0.000	230	46.946
<i>Total, All Modifications</i>		7.478		7.610		0.000		0.000		0.000		46.946
<i>Procurement Cost (Procurement + Support)</i>		7.478		7.610		0.000		0.000		0.000		46.946
<i>Total Installation Cost</i>		2.659		2.143		0.000		0.000		0.000		15.824
Total Cost (Procurement + Support + Installation)		10.137		9.753		0.000		0.000		0.000		62.770

Remarks:

Manufacturer Information: IP Migration

Manufacturer Name: General Atomics ASI				Manufacturer Location: Poway, CA			
Administrative Leadtime (<i>in Months</i>): 3				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 2012	Sep 2013	Sep 2014	Sep 2015		
Delivery Dates		Sep 2012	Sep 2013	Sep 2014	Sep 2015		

Installation: IP Migration	Method of Implementation: Contract Field Team	Installation Name:
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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	-	-	-	-	106	8.343	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	106	8.343	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	57	2.679	-	-	57	2.679
Secondary Distribution - Air Force Active	-	-	-	-	-	-	57	2.679	-	-	57	2.679
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5		P-1 Line Item Nomenclature: 78 - MQ-9 UAV Mods
Models of Systems Affected: MQ-9		Modification Nomenclature (Modification Title, Modification Number): IP Migration - 9161
Type Modification: Capability Improvement		Related RDT&E PEs: 0205219F

Installation: IP Migration	Method of Implementation: Contract Field Team	Installation Name:
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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)
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	0	0.000	0	0.000	-	-	0	0.000
Secondary Distribution - Air Force Active	-	-	-	-	0	0.000	0	0.000	-	-	0	0.000
Total	-	-	-	-	106	8.343	57	2.679	-	-	57	2.679
Secondary Distribution - Air Force Active	-	-	-	-	106	8.343	57	2.679	-	-	57	2.679

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ 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	106	8.343
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	0	0.000	57	2.679
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	6	2.659	-	-	-	-	-	-	0	0.000	6	2.659
Secondary Distribution - Air Force Active	6	2.659	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	61	2.143	-	-	-	-	0	0.000	61	2.143
Secondary Distribution - Air Force Active	-	-	61	2.143	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	0	0.000	0	0.000	-	-	-	-	0	0.000	0	0.000
Secondary Distribution - Air Force Active	0	0.000	0	0.000	-	-	-	-	-	-	-	-
Total	6	2.659	61	2.143	-	-	-	-	0	0.000	230	15.824
Secondary Distribution - Air Force Active	6	2.659	61	2.143	-	-	-	-	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 78 - MQ-9 UAV Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): IP Migration - 9161
Models of Systems Affected: MQ-9	Type Modification: Capability Improvement	Related RDT&E PEs: 0205219F

Installation: IP Migration	Method of Implementation: Contract Field Team	Installation Name:
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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	0	0	0	0	0	0	9	33	32	32	15	14	14	14	2	2	1	1	16	15	15	15	0	0	0	0	0	0	230
Out	0	0	0	0	0	0	0	0	9	33	32	32	15	14	14	14	2	2	1	1	16	15	15	15	0	0	0	0	0	0	230

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

Appropriation / Budget Activity / Budget Sub Activity:
3010F : Aircraft Procurement, Air Force / BA 5 : Modification of Inservice Aircraft / BSA 5 : Other Aircraft

P-1 Line Item Nomenclature:
79 - MQ-9 UAS Payloads 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)	-	0.000	74.866	93.461	-	93.461	99.411	20.533	0.000	0.000	-	288.271
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	0.000	74.866	93.461	-	93.461	99.411	20.533	0.000	0.000	-	288.271
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	-	0.000	74.866	93.461	-	93.461	99.411	20.533	0.000	0.000	-	288.271

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

Description:

The Gorgon Stare Quick Reaction Capability (QRC) initiative responds to and addresses an urgent operational need by equipping combatant commanders with broad area sensor capabilities that initially will be flown on specially modified MQ-9 Reapers, with the potential to migrate to other manned and unmanned aircraft as development and requirements allow and evolve. The podded broad area sensor system will provide city-sized and similar broad area surveillance capability. The Joint Requirements Oversight Council Memorandum (JROCM) 106-08, dated 27 May 2008, approved the Air Force concept for a broad area airborne surveillance program plan to address Service requirements for wide field of view sensors on existing manned and unmanned aircraft system platforms.

This podded system's incremental strategy allows for incorporation of emerging technology advancements and lessons learned from deployed operational systems into product improvements for future increments of the Gorgon Stare QRC.

Modification funding for the Gorgon Stare QRC will be appropriated and managed through the 645th Aeronautical Systems Group (AESG, BIG SAFARI Systems Program Office), Program Executive Office for Intelligence, Surveillance and Reconnaissance and Special Operations Forces (AF PEO for ISR&SOF) Directorate, Aeronautical Systems Center (ASC), Air Force Materiel Command (AFMC). Modification funds will build sensor suites and support equipment for installation on specially modified MQ-9 Reapers and associated ground stations supporting Processing, Exploitation, and Dissemination (PED). The procurement funds will also be used for support costs associated with these modifications.

Item Schedule		ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Gorgon Stare - 9160	P3A		-	-	-	-	-	-	-	-	74.866	-	-	93.461	-	-	-	-	-	93.461
Total Gross/Weapon System Cost			-	-	-	-	-	0.000	-	-	74.866	-	-	93.461	-	-	-	-	-	93.461

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

Appropriation / Budget Activity / Budget Sub Activity: 3010F : Aircraft Procurement, Air Force / BA 5 : Modification of Inservice Aircraft / BSA 5 : Other Aircraft	P-1 Line Item Nomenclature: 79 - MQ-9 UAS Payloads Mods
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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 (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Gorgon Stare - 9160	P3A		-	-	99.411	-	-	20.533	-	-	-	-	-	-	-	-	-	-	-	288.271
Total Gross/Weapon System Cost					99.411			20.533			0.000			0.000			-			288.271

*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:

With the exception of modifications listed in the P-40A, justification for individual modifications is provided in the P-3A exhibits.

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 79 - MQ-9 UAS Payloads Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Gorgon Stare - 9160

Models of Systems Affected: MQ-9	Type Modification: Capability Improvement	Related RDT&E PEs: 0305206F
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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)	-	-	74.866	93.461	-	93.461	99.411	20.533	-	-	-	288.271
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	-	74.866	93.461	-	93.461	99.411	20.533	-	-	-	288.271
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	-	-	74.866	93.461	-	93.461	99.411	20.533	-	-	-	288.271

(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 Millions)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The Gorgon Stare Quick Reaction Capability (QRC) initiative responds to and addresses an urgent operational need by equipping combatant commanders with broad area sensor capabilities that initially will be flown on specially modified MQ-9 Reapers, with the potential to migrate to other manned and unmanned aircraft as development and requirements allow and evolve. The podded broad area sensor system will provide city-sized and similar broad area surveillance capability. The Joint Requirements Oversight Council Memorandum (JROCM) 106-08, dated 27 May 2008, approved the Air Force concept for a broad area airborne surveillance program plan to address Service requirements for wide field of view sensors on existing manned and unmanned aircraft system platforms.

This podded system's incremental strategy allows for incorporation of emerging technology advancements and lessons learned from deployed operational systems into product improvements for future increments of the Gorgon Stare QRC.

Modification funding for the Gorgon Stare QRC will be appropriated and managed through the 645th Aeronautical Systems Group (AESG, BIG SAFARI Systems Program Office), Program Executive Office for Intelligence, Surveillance and Reconnaissance and Special Operations Forces (AF PEO for ISR&SOF) Directorate, Aeronautical Systems Center (ASC), Air Force Materiel Command (AFMC). Modification funds will build sensor suites and support equipment for installation on specially modified MQ-9 Reapers and associated ground stations supporting Processing, Exploitation, and Dissemination (PED). The procurement funds will also be used for support costs associated with these modifications.

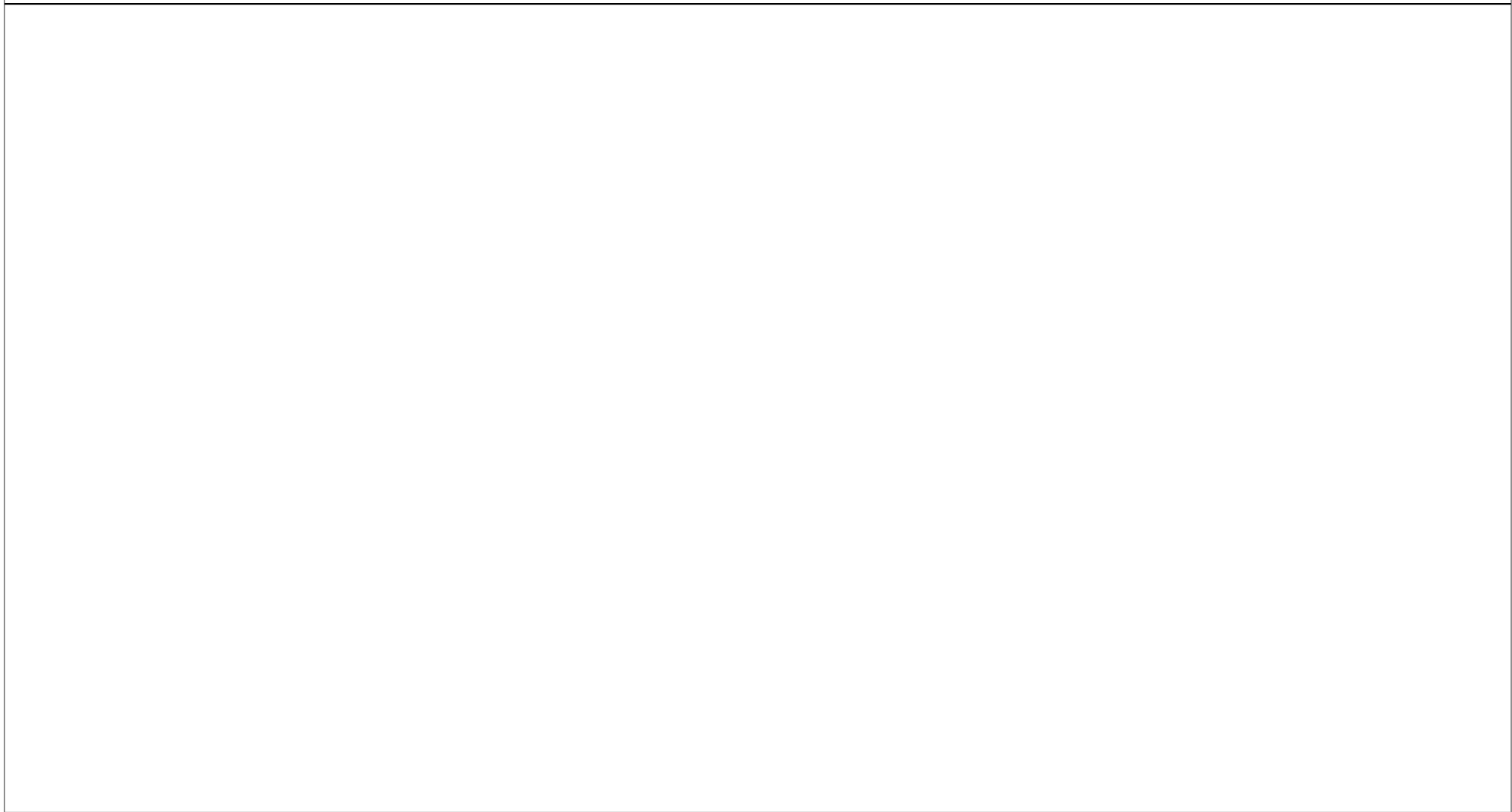
FY12 procurement funding completes the fielding of the Gorgon Stare QRC capability mandated by SECDEF in November 2007 for ten (10) podded systems -- specifically four (4) Increment 1 and six (6) Increment 2 systems. Management of the procurement funding prior to FY12 is associated under the MQ-9 PE 0205219F, MQ-9 Mod number 9136.

FY13 funding will replace or retrofit four (4) Increment 1 systems that have been operationally fielded in the CENTCOM theater of operations since March 2011. FY14 and FY15 P3I updates and procurement of requested sensors and components to enhance the video footprint or product resolution, SIGINT collection, on-board data storage or datalink capabilities will be based on COCOM requirements and ACC's ability to support the longevity of these systems. Management of the FY13 and beyond Gorgon Stare QRC procurement funding is associated with the Airborne Reconnaissance Sensors PE 0305206F, Gorgon Stare Mod number 9160.

The Gorgon Stare QRC program has associated Research, Development, Test and Evaluation (RDT&E) funding appropriated in the Airborne Reconnaissance Sensors PE 0305206F, BPAC/WSC 675291.

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 79 - MQ-9 UAS Payloads Mods	Modification Nomenclature <i>(Modification Title, Modification Number):</i> Gorgon Stare - 9160
Models of Systems Affected: MQ-9	Type Modification: Capability Improvement	Related RDT&E PEs: 0305206F



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Exhibit P-3A, Individual Modification: PB 2013 Air Force								Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5				P-1 Line Item Nomenclature: 79 - MQ-9 UAS Payloads Mods				Modification Nomenclature (<i>Modification Title, Modification Number</i>): Gorgon Stare - 9160			

Models of Systems Affected: MQ-9				Type Modification: Capability Improvement				Related RDT&E PEs: 0305206F			
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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)
RDT&E PE #												
0305206F	0	0.000	0	0.000	0	16.047	0	16.359	0	0.000	0	16.359
Procurement												
Gorgon Stare												
B Kits												
Recurring												
EQUIPMENT Group B (Active)	0	0.000	0	0.000	3	72.266	4	90.861	0	0.000	4	90.861
<i>Subtotal Recurring</i>		0.000		0.000		72.266		90.861		0.000		90.861
Secondary Distribution												
Air Force Active	0	0.000	0	0.000	3	74.866	4	93.461	0	0.000	4	93.461
<i>Total, Gorgon Stare</i>	0	0.000	0	0.000	3	72.266	4	90.861	0	0.000	4	90.861
<i>Total, All Modifications</i>		0.000		0.000		72.266		90.861		0.000		90.861
Support												
PMA	0	0.000	0	0.000	0	0.900	0	0.900	0	0.000	0	0.900
OTHER GOVT	0	0.000	0	0.000	0	1.700	0	1.700	0	0.000	0	1.700
<i>Total Support Cost</i>		0.000		0.000		2.600		2.600		0.000		2.600
<i>Procurement Cost (Procurement + Support)</i>		0.000		0.000		74.866		93.461		0.000		93.461
<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		74.866		93.461		0.000		93.461

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
RDT&E PE #												
0305206F	0	13.040	0	6.458	0	0.000	0	0.000	0	0.000	0	51.904
Procurement												
Gorgon Stare												
B Kits												
Recurring												
EQUIPMENT Group B (Active)	7	96.811	3	17.933	0	0.000	0	0.000	0	0.000	17	277.871

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 79 - MQ-9 UAS Payloads Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Gorgon Stare - 9160

Models of Systems Affected: MQ-9	Type Modification: Capability Improvement	Related RDT&E PEs: 0305206F
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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>		96.811		17.933		0.000		0.000		0.000		277.871
Secondary Distribution												
Air Force Active	7	99.411	3	20.533	0	0.000	0	0.000	-	-	-	-
<i>Total, Gorgon Stare</i>	7	96.811	3	17.933	0	0.000	0	0.000	0	0.000	17	277.871
<i>Total, All Modifications</i>		96.811		17.933		0.000		0.000		0.000		277.871
Support												
PMA	0	0.900	0	0.900	0	0.000	0	0.000	0	0.000	0	3.600
OTHER GOVT	0	1.700	0	1.700	0	0.000	0	0.000	0	0.000	0	6.800
<i>Total Support Cost</i>		2.600		2.600		0.000		0.000		0.000		10.400
<i>Procurement Cost (Procurement + Support)</i>		99.411		20.533		0.000		0.000		0.000		288.271
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		99.411		20.533		0.000		0.000		0.000		288.271

Remarks:

Manufacturer Information: Gorgon Stare							
Manufacturer Name: SNC				Manufacturer Location: Sparks, NV			
Administrative Leadtime (<i>in Months</i>): 3				Production Leadtime (<i>in Months</i>): 21			
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 2013	Sep 2014	Sep 2015			

Installation: Gorgon Stare		Method of Implementation: Contractor Facility				Installation Name:						
Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ 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	0.000	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	1	0.000	-	-	-	-	-	-

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 79 - MQ-9 UAS Payloads Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Gorgon Stare - 9160
Models of Systems Affected: MQ-9	Type Modification: Capability Improvement	Related RDT&E PEs: 0305206F

Installation: Gorgon Stare	Method of Implementation: Contractor Facility	Installation Name:
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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	-	-	-	-	-	-	2	0.000	-	-	2	0.000
Secondary Distribution - Air Force Active	-	-	-	-	-	-	2	0.000	-	-	2	0.000
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	0	0.000	0	0.000	-	-	0	0.000
Secondary Distribution - Air Force Active	-	-	-	-	0	0.000	0	0.000	-	-	0	0.000
Total	-	-	-	-	1	0.000	2	0.000	-	-	2	0.000
Secondary Distribution - Air Force Active	-	-	-	-	1	0.000	2	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	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	0	0.000	1	0.000
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	0	0.000	2	0.000
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	3	0.000	-	-	-	-	-	-	0	0.000	3	0.000
Secondary Distribution - Air Force Active	3	0.000	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	0	0.000	-	-	-	-	-	-	0	0.000	0	0.000
Secondary Distribution - Air Force Active	0	0.000	-	-	-	-	-	-	-	-	-	-
Total	3	0.000	-	-	-	-	-	-	0	0.000	6	0.000

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 79 - MQ-9 UAS Payloads Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Gorgon Stare - 9160

Models of Systems Affected: MQ-9	Type Modification: Capability Improvement	Related RDT&E PEs: 0305206F
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Installation: Gorgon Stare	Method of Implementation: Contractor Facility	Installation Name:
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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)
Secondary Distribution - Air Force Active	3	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	0	0	0	0	3	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
Out	0	0	0	0	0	0	0	0	0	0	0	3	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6

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

Appropriation / Budget Activity / Budget Sub Activity:
3010F : Aircraft Procurement, Air Force / BA 5 : Modification of Inservice Aircraft / BSA 5 : Other Aircraft

P-1 Line Item Nomenclature:
80 - CV-22 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)	66.064	15.497	14.715	23.881	-	23.881	41.707	103.070	71.958	72.007	320.984	729.883
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	66.064	15.497	14.715	23.881	-	23.881	41.707	103.070	71.958	72.007	320.984	729.883
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	66.064	15.497	14.715	23.881	-	23.881	41.707	103.070	71.958	72.007	320.984	729.883

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

Description:

FY2011 funding totals include \$0.830 million for Overseas Contingency Operations.

The CV-22 is part of the V-22 Joint Program Office.

The CV-22 Osprey is a combat search and rescue, fleet logistics support, and special warfare support aircraft. It is a tiltrotor aircraft, taking off and landing like a helicopter, but, once airborne, its engine nacelles can be rotated to convert the aircraft to a turboprop airplane capable of high-speed, high-altitude flight. CV-22 can carry 18 combat troops, or up to 20,000 pounds of cargo, at twice the speed of a helicopter. The primary modifications budgeted in FY13 are Block B/10 and Block C/20 Upgrades. The designed service life is 10,000 flying hours over 30 years. The specific modifications budgeted and programmed are listed below.

Item Schedule		ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
CV-22 (See enclosed P-40A)	P40A				66.064			12.758			7.618			5.232			0.000			5.232
Block 20 Upgrade - 8790	P3A		-	-	-	-	-	2.739	-	-	7.097	-	-	18.649	-	-	-	-	-	18.649
Total Gross/Weapon System Cost					66.064			15.497			14.715			23.881			-			23.881

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

Appropriation / Budget Activity / Budget Sub Activity: 3010F : Aircraft Procurement, Air Force / BA 5 : Modification of Inservice Aircraft / BSA 5 : Other Aircraft	P-1 Line Item Nomenclature: 80 - CV-22 Mods
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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 (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
CV-22 (See enclosed P-40A)	P40A				1.909			2.127			1.999			1.999			3.998			103.704
Block 20 Upgrade - 8790	P3A		-	-	39.798	-	-	100.943	-	-	69.959	-	-	70.008	-	-	316.986	-	-	626.179
Total Gross/Weapon System Cost					41.707			103.070			71.958			72.007			320.984			729.883

*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:

With the exception of modifications listed in the P-40A, justification for individual modifications is provided in the P-3A exhibits.

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5 **P-1 Line Item Nomenclature:** 80 - CV-22 Mods **Aggregated Item Name:** CV-22

Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
(Uncategorized)																			
1 - BLOCK B UPGRADE		-	356	57.883	-	90	11.520	-	27	6.698	-	14	3.315	-	0	0.000	-	14	3.315
<i>Secondary Distribution</i>																			
Air Force Active			356	57.883		90	11.520		27	6.698		14	3.315		0	0.000		14	3.315
2 - LOW COST MODIFICATIONS		-	0	8.181	-	0	1.238	-	0	0.920	-	0	1.917	-	0	0.000	-	0	1.917
<i>Secondary Distribution</i>																			
Air Force Active			0	8.181		0	1.238		0	0.920		0	1.917		0	0.000		0	1.917
<i>Uncategorized Subtotal</i>				<i>66.064</i>			<i>12.758</i>			<i>7.618</i>			<i>5.232</i>			<i>0.000</i>			<i>5.232</i>
Total				66.064			12.758			7.618			5.232			0.000			5.232

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 80 - CV-22 Mods	Aggregated Item Name: CV-22
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Items († indicates the presence of a P-5A)	ID CD	FY 2014			FY 2015			FY 2016			FY 2017			To Complete			Total		
		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
<i>(Uncategorized)</i>																			
1 - BLOCK B UPGRADE		-	10	0.679	-	0	0.131	-	0	0.000	-	0	0.000	-	0	0.000	-	497	80.226
<i>Secondary Distribution</i>																			
Air Force Active			10	0.679		0	0.131		0	0.000		0	0.000						
2 - LOW COST MODIFICATIONS		-	0	1.230	-	0	1.996	-	0	1.999	-	0	1.999	-	0	3.998	-	0	23.478
<i>Secondary Distribution</i>																			
Air Force Active			0	1.230		0	1.996		0	1.999		0	1.999						
<i>Uncategorized Subtotal</i>				1.909			2.127			1.999			1.999			0.000			103.704
Total				1.909			2.127			1.999			1.999			3.998			103.704

Remarks:

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 80 - CV-22 Mods	Modification Nomenclature <i>(Modification Title, Modification Number):</i> Block 20 Upgrade - 8790

Models of Systems Affected: CV-22	Type Modification: Capability Improvement	Related RDT&E PEs: 0401318F
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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)	-	2.739	7.097	18.649	-	18.649	39.798	100.943	69.959	70.008	316.986	626.179
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	2.739	7.097	18.649	-	18.649	39.798	100.943	69.959	70.008	316.986	626.179
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	-	2.739	7.097	18.649	-	18.649	39.798	100.943	69.959	70.008	316.986	626.179

(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 Millions)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

This modification funds the retrofit of fielded CV-22 aircraft and trainers to Block C/20 configuration, and enhancement of self-deployment capability. The Block C/20 modification program will be implemented in several increments and includes, but is not limited to, efforts that (1) improve operational safety, suitability, and effectiveness, (2) correct deficiencies identified during operational testing and/or field operations, (3) improve reliability/maintainability of the aircraft, and (4) enhance self-deployment capability. Block C/20 upgrades are being developed in successive increments, and each increment includes multiple different kits, contracted as separate engineering change proposals. Each kit is developed on a separate timeline and will be installed under this modification program when available. A few of the kits will be developed in time to be incorporated on a limited number of aircraft on the production line; the aircraft fielded earlier will be retrofitted with kits under this modification program. Some of the Block C/20 modifications will have to be retrofitted on the entire fleet of CV-22s. The number of kits to be retrofitted under the Block C/20 modification will total 845. Only 768 of the 845 kits require depot level installation and the install schedule reflects only those depot level installs. The other 77 kits will be installed by O-level (organizational level maintenance activity). The first increment is expected to retrofit 34 aircraft and expected to include (but is not limited to) rehosting MV-22 Block C modifications on CV-22 and Communications Co-Site Interference program. A follow-on increment is expected to retrofit 43 aircraft and includes (but is not limited to) communications, situational awareness, and software. The last increment is expected to retrofit the entire aircraft inventory of 50 aircraft and includes (but is not limited to) improvements to avionics architecture and improved communications/navigation systems. The first increment kits will be purchased FY2011 to FY2016 with installations FY2012 through FY2017. The follow-on kits will be purchased in FY2013 through FY2019 with installations FY2014 through FY2020. The last increment will be purchased in FY2015 through FY2022 with installations FY2016 through 2023.

This modification also includes funds to upgrade support equipment, training devices and simulators. The CV-22 platform has Diminishing Manufacturing Sources (DMS) issues and funding is included in this budget line item for DMS resolution. This budget line item also includes funds to upgrade CV-22 weapon system software. Funding for DMS and software is included in the A-kit Nonrecurring Engineering cost category.

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Exhibit P-3A, Individual Modification: PB 2013 Air Force								Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5				P-1 Line Item Nomenclature: 80 - CV-22 Mods				Modification Nomenclature (<i>Modification Title, Modification Number</i>): Block 20 Upgrade - 8790					
Models of Systems Affected: CV-22			Type Modification: Capability Improvement					Related RDT&E PEs: 0401318F					
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
RDT&E PE #													
0401318F	0	37.650	0	11.487	0	7.763	0	14.132	0	0.000	0	14.132	
Procurement													
Block 20 Upgrade													
A Kits													
Recurring													
INSTALL KITS Group A (Active)	0	0.000	4	2.739	35	6.059	92	13.313	0	0.000	92	13.313	
INSTALL KITS Group A (Guard)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	
<i>Subtotal Recurring</i>		0.000		2.739		6.059		13.313		0.000		13.313	
NonRecurring													
KITS NONRECUR Group A (Active)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		0.000	
B Kits													
Recurring													
EQUIPMENT Group B (Active)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		0.000	
Secondary Distribution													
Air Force Active	0	0.000	4	2.739	35	6.059	92	15.489	0	0.000	92	15.489	
Air National Guard	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	
<i>Total, Block 20 Upgrade</i>	0	0.000	4	2.739	35	6.059	92	13.313	0	0.000	92	13.313	
<i>Total, All Modifications</i>		0.000		2.739		6.059		13.313		0.000		13.313	
Support													
SIM/TRAINER	0	0.000	0	0.000	0	0.000	7	2.176	0	0.000	7	2.176	
SUPPORT- EQUIP	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	
OTHER GOVT	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	
<i>Total Support Cost</i>		0.000		0.000		0.000		2.176		0.000		2.176	
<i>Procurement Cost (Procurement + Support)</i>		0.000		2.739		6.059		15.489		0.000		15.489	
<i>Total Installation Cost</i>		0.000		0.000		1.038		3.160		0.000		3.160	
Total Cost (Procurement + Support + Installation)		0.000		2.739		7.097		18.649		0.000		18.649	

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Exhibit P-3A, Individual Modification: PB 2013 Air Force									Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5				P-1 Line Item Nomenclature: 80 - CV-22 Mods					Modification Nomenclature (<i>Modification Title, Modification Number</i>): Block 20 Upgrade - 8790			
Models of Systems Affected: CV-22			Type Modification: Capability Improvement				Related RDT&E PEs: 0401318F					
Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
RDT&E PE #												
0401318F	0	17.598	0	11.725	0	10.530	0	5.676	0	0.000	0	116.561
Procurement												
Block 20 Upgrade												
A Kits												
Recurring												
INSTALL KITS Group A (Active)	117	27.746	139	34.798	134	29.697	93	29.689	231	151.190	845	295.231
INSTALL KITS Group A (Guard)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
<i>Subtotal Recurring</i>		27.746		34.798		29.697		29.689		151.190		295.231
NonRecurring												
KITS NONRECUR Group A (Active)	0	0.000	0	24.641	0	11.880	0	10.001	0	60.000	0	106.522
<i>Subtotal NonRecurring</i>		0.000		24.641		11.880		10.001		60.000		106.522
B Kits												
Recurring												
EQUIPMENT Group B (Active)	13	4.615	13	4.615	13	4.615	0	0.000	0	0.000	39	13.845
<i>Subtotal Recurring</i>		4.615		4.615		4.615		0.000		0.000		13.845
Secondary Distribution												
Air Force Active	117	36.600	139	95.119	134	62.178	93	64.534	-	-	-	-
Air National Guard	0	0.000	0	0.000	0	0.000	0	0.000	-	-	-	-
<i>Total, Block 20 Upgrade</i>	117	32.361	139	64.054	134	46.192	93	39.690	231	211.190	845	415.598
<i>Total, All Modifications</i>		32.361		64.054		46.192		39.690		211.190		415.598
Support												
SIM/TRAINER	0	2.007	7	19.030	0	2.386	7	19.221	0	22.941	21	67.761
SUPPORT- EQUIP	0	2.232	0	6.500	0	8.000	0	0.000	0	25.000	0	41.732
OTHER GOVT	0	0.000	0	5.535	0	5.600	0	5.623	0	29.831	0	46.589
<i>Total Support Cost</i>		4.239		31.065		15.986		24.844		77.772		156.082
<i>Procurement Cost (Procurement + Support)</i>		36.600		95.119		62.178		64.534		288.962		571.680
<i>Total Installation Cost</i>		3.198		5.824		7.781		5.474		28.024		54.499
Total Cost (Procurement + Support + Installation)		39.798		100.943		69.959		70.008		316.986		626.179

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5	P-1 Line Item Nomenclature: 80 - CV-22 Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Block 20 Upgrade - 8790
Models of Systems Affected: CV-22	Type Modification: Capability Improvement	Related RDT&E PEs: 0401318F

Remarks:

Manufacturer Information: Block 20 Upgrade

Manufacturer Name: Bell-Boeing	Manufacturer Location: Amarillo, TX & Ridley Park, PA
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	Nov 2011	Mar 2012	Dec 2012	Dec 2013	Dec 2014	Dec 2015	Dec 2016
Delivery Dates	Sep 2012	Mar 2013	Dec 2013	Dec 2014	Dec 2015	Dec 2016	Dec 2017

Installation: Block 20 Upgrade **Method of Implementation:** Combination **Installation Name:**

Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ 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	0.690	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	4	0.690	-	-	-	-	-	-
FY 2012	-	-	-	-	2	0.348	26	2.509	-	-	26	2.509
Secondary Distribution - Air Force Active	-	-	-	-	2	0.348	26	2.509	-	-	26	2.509
FY 2013	-	-	-	-	-	-	23	0.651	-	-	23	0.651
Secondary Distribution - Air Force Active	-	-	-	-	-	-	23	0.651	-	-	23	0.651
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	0	0.000	0	0.000	-	-	0	0.000
Secondary Distribution - Air Force Active	-	-	-	-	0	0.000	0	0.000	-	-	0	0.000
Total	-	-	-	-	6	1.038	49	3.160	-	-	49	3.160
Secondary Distribution - Air Force Active	-	-	-	-	6	1.038	49	3.160	-	-	49	3.160

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Exhibit P-3A, Individual Modification: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3010F / BA 5 / BSA 5		P-1 Line Item Nomenclature: 80 - CV-22 Mods
		Modification Nomenclature (<i>Modification Title, Modification Number</i>): Block 20 Upgrade - 8790
Models of Systems Affected: CV-22	Type Modification: Capability Improvement	Related RDT&E PEs: 0401318F

Installation: Block 20 Upgrade	Method of Implementation: Combination	Installation Name:
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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	-	-	-	-	-	-	-	-	0	0.000	4	0.690
Secondary Distribution - Air Force Active	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	1	0.174	-	-	-	-	-	-	0	0.000	29	3.031
Secondary Distribution - Air Force Active	1	0.174	-	-	-	-	-	-	-	-	-	-
FY 2013	69	2.538	-	-	-	-	-	-	0	0.000	92	3.189
Secondary Distribution - Air Force Active	69	2.538	-	-	-	-	-	-	-	-	-	-
FY 2014	3	0.486	111	4.851	-	-	-	-	0	0.000	114	5.337
Secondary Distribution - Air Force Active	3	0.486	111	4.851	-	-	-	-	-	-	-	-
FY 2015	-	-	4	0.973	132	7.555	-	-	0	0.000	136	8.528
Secondary Distribution - Air Force Active	-	-	4	0.973	132	7.555	-	-	-	-	-	-
FY 2016	-	-	-	-	6	0.226	125	5.474	0	0.000	131	5.700
Secondary Distribution - Air Force Active	-	-	-	-	6	0.226	125	5.474	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	77	4.393	77	4.393
To Complete	0	0.000	0	0.000	0	0.000	0	0.000	185	23.631	185	23.631
Secondary Distribution - Air Force Active	0	0.000	0	0.000	0	0.000	0	0.000	-	-	-	-
Total	73	3.198	115	5.824	138	7.781	125	5.474	262	28.024	768	54.499
Secondary Distribution - Air Force Active	73	3.198	115	5.824	138	7.781	125	5.474	-	-	-	-

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	0	0	0	0	0	0	6	0	16	16	17	18	18	18	19	29	29	29	28	35	35	34	34	31	31	31	32	262	768
Out	0	0	0	0	0	0	0	0	0	6	0	16	16	0	18	18	18	19	29	29	29	28	35	35	34	34	31	31	31	311	768

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