DEPARTMENT OF THE NAVY FISCAL YEAR (FY) 2009 BUDGET ESTIMATES



JUSTIFICATION OF ESTIMATES FEBRUARY 2008

AIRCRAFT PROCUREMENT, NAVY
Volume I:
BUDGET ACTIVITIES 1-4

Department of Defense Appropriations Act, 2009

Aircraft Procurement, Navy

For construction, procurement, production, modification, and modernization of aircraft, equipment, including ordnance, spare parts, and accessories therefor; specialized equipment; expansion of public and private plants, including the land necessary therefor, and such lands and interests therein, may be acquired, and construction prosecuted thereon prior to approval of title; and procurement and installation of equipment, appliances, and machine tools in public and private plants; reserve plant and Government and contractor-owned equipment layaway, \$14,716,774,000, to remain available for obligation until September 30, 2011.

"In accordance with the President's Management Agenda, Budget and Performance Integration initiative, this program has been assessed using the Program Assessment Rating Tool (PART). Remarks regarding program performance and plans for performance improvement can be located at the Expectmore.gov website."

DEPARTMENT OF DEFENSE

FY 2009 PROCUREMENT PROGRAM

SUMMARY 22 JAN 2008 (\$ IN MILLIONS)

APPROPRIATION	FY 2007	FY 2008	FY 2009
AIRCRAFT PROCUREMENT, NAVY	11,922.3	12,428.5	14,716.8
TOTAL Department of the Navy	11,922.3	12,428.5	14,716.8

Department of the Navy

FY 2009 PROCUREMENT PROGRAM

SUMMARY 22 JAN 2008 (\$ IN MILLIONS)

APPROPRIATION	FY 2007	FY 2008	FY 2009
AIRCRAFT PROCUREMENT, NAVY	11,922.3	12,428.5	14,716.8
TOTAL Department of the Navy	11,922.3	12,428.5	14,716.8

Department of the Navy

FY 2009 PROCUREMENT PROGRAM

SUMMARY 22 JAN 2008 (\$ IN MILLIONS)

`	, ,									
APPROPRIATION: AIRCRAFT PROCUREMENT, NAVY										
ACTIVITY	FY 2007	FY 2008	FY 2009							
01. COMBAT AIRCRAFT	7,310.4	8,515.0	10,556.9							
02. AIRLIFT AIRCRAFT			155.0							
03. TRAINER AIRCRAFT	519.8	325.6	289.3							
04. OTHER AIRCRAFT	294.6	297.5	208.8							
05. MODIFICATION OF AIRCRAFT	2,425.9	1,612.0	1,695.8							
06. AIRCRAFT SPARES AND REPAIR PARTS	820.5	1,050.5	1,229.1							
07. AIRCRAFT SUPPORT EQUIP & FACILITIES	551.1	628.0	581.9							
TOTAL AIRCRAFT PROCUREMENT, NAVY	11,922.3	12,428.5	14,716.8							

Department of the Navy FY 2009 PROCUREMENT PROGRAM

DATE: 22 JAN 2008

APPROPRIATION: 1506N AIRCRAFT PROCUREMENT, NAVY

				MILLIONS	OF DOLLARS			
LINE	IDENT	FY	2007	FY	2008	FY	2009	S E
NO ITEM NOMENCLATURE	CODE	QUANTITY	COST	QUANTITY		QUANTITY	COST	C -
BUDGET ACTIVITY 01: COMBAT AIRCRAFT								
COMBAT AIRCRAFT								
1 AV-8B (V/STOL)HARRIER (MYP)	A				3.0		3.4	U
2 EA-18G LESS: ADVANCE PROCUREMENT (PY)	В	9	(-26.5)		(1,297.0) (-39.6)		(1,655.6) (-50.8)	
			696.1		1,257.5		1,604.8	
3 EA-18G ADVANCE PROCUREMENT (CY) (FY 2007 FOR FY 2008) (MEMO)			39.6 (39.6)		50.8		46.8	Ū
(FY 2008 FOR FY 2009) (MEMO) (FY 2009 FOR FY 2010) (MEMO)					(50.8)		(46.8))
4 F/A-18E/F (FIGHTER) HORNET (MYP) LESS: ADVANCE PROCUREMENT (PY)	А	37	(2,777.2)		(2,084.3)		(1,917.9)	
			2,684.5		2,028.4		1,868.7	
5 F/A-18E/F (FIGHTER) HORNET (MYP) ADVANCE PROCUREMENT (CY) (FY 2007 FOR FY 2008) (MEMO)			52.6 (52.6)		46.5		42.6	Ū
(FY 2008 FOR FY 2009) (MEMO) (FY 2009 FOR FY 2010) (MEMO)					(46.5)		(42.6))
6 JOINT STRIKE FIGHTER LESS: ADVANCE PROCUREMENT (PY)	А			6	(1,229.5) (-124.5)		(1,720.9)	
					1,105.0		1,602.1	
7 JOINT STRIKE FIGHTER ADVANCE PROCUREMENT (CY) (FY 2007 FOR FY 2008) (MEMO)			124.5 (124.5)		118.8		258.8	Ū
(FY 2007 FOR FY 2008) (MEMO) (FY 2008 FOR FY 2009) (MEMO) (FY 2009 FOR FY 2010) (MEMO)			(124.3)		(118.8)		(258.8))

EXHIBIT P-1

Department of the Navy FY 2009 PROCUREMENT PROGRAM

APPROPRIATION: 1506N AIRCRAFT PROCUREMENT, NAVY DATE: 22 JAN 2008

(FY 2009 FOR FY 2011) (MEMO)

			1	MILLIONS (OF DOLLARS			-
LINE NO ITEM NOMENCLATURE		QUANTITY	2007 COST	QUANTITY		QUANTITY		
8 V-22 (MEDIUM LIFT) LESS: ADVANCE PROCUREMENT (PY)		14	(1,430.7) (-66.5)	21	(1,836.0) (-89.2)	30	(2,259.0) (-125.6)	U
					1,746.8			
9 V-22 (MEDIUM LIFT) ADVANCE PROCUREMENT (CY) (FY 2007 FOR FY 2008) (MEMO) (FY 2007 FOR FY 2009) (MEMO) (FY 2007 FOR FY 2010) (MEMO) (FY 2007 FOR FY 2011) (MEMO) (FY 2007 FOR FY 2011) (MEMO) (FY 2008 FOR FY 2012) (MEMO) (FY 2008 FOR FY 2009) (MEMO) (FY 2008 FOR FY 2010) (MEMO) (FY 2008 FOR FY 2011) (MEMO) (FY 2008 FOR FY 2011) (MEMO) (FY 2008 FOR FY 2012) (MEMO) (FY 2009 FOR FY 2010) (MEMO)			193.3 (89.2) (22.0) (26.2) (28.6) (27.3)		(103.6) (30.3) (33.9) (31.6)		87.0	
10 UH-1Y/AH-1Z	А	11	493.7	15	415.6	20	474.1	U
11 MH-60S (MYP) LESS: ADVANCE PROCUREMENT (PY)	А	18	(534.8) (-78.6)		(506.9) (-86.2)	18	(551.4) (-80.9)	
			456.2		420.7		470.5	
12 MH-60S (MYP) ADVANCE PROCUREMENT (CY) (FY 2007 FOR FY 2008) (MEMO) (FY 2007 FOR FY 2009) (MEMO) (FY 2007 FOR FY 2010) (MEMO) (FY 2007 FOR FY 2011) (MEMO) (FY 2008 FOR FY 2009) (MEMO)			90.0 (81.4) (2.9) (2.9) (2.9)		79.5 (75.5)		79.2	Ū
(FY 2008 FOR FY 2010) (MEMO) (FY 2008 FOR FY 2011) (MEMO)					(2.0)			
(FY 2008 FOR FY 2011) (MEMO) (FY 2009 FOR FY 2011) (MEMO)					(2.0)		(78.1)	

(1.1)

EXHIBIT P-1

Department of the Navy FY 2009 PROCUREMENT PROGRAM

DATE: 22 JAN 2008

APPROPRIATION: 1506N AIRCRAFT PROCUREMENT, NAVY

TOTAL AIRLIFT AIRCRAFT

		MILLIONS OF DOLLARS									
LINE NO	ITEM NOMENCLATURE	CODE	QUANTITY	COST	QUANTITY	COST	QUANTITY	2009 COST	C		
13 MH- LES	60r S: ADVANCE PROCUREMENT (PY)	А	25					(1,178.0)	U		
(FY (FY	VANCE PROCUREMENT (CY) 1 2007 FOR FY 2008) (MEMO) 2 2007 FOR FY 2009) (MEMO)			120.0 (112.0) (4.0)		151.8		140.8	Ū		
(FY (FY (FY (FY (FY	7 2007 FOR FY 2010) (MEMO) 7 2007 FOR FY 2011) (MEMO) 7 2008 FOR FY 2009) (MEMO) 7 2008 FOR FY 2010) (MEMO) 7 2008 FOR FY 2011) (MEMO) 7 2009 FOR FY 2010) (MEMO)			(2.0)		(129.0) (12.9) (9.9)		(136.8)			
,	2009 FOR FY 2011) (MEMO)							(4.0)			
(FY	ANCE PROCUREMENT (CY) 2009 FOR FY 2010) (MEMO) 2009 FOR FY 2011) (MEMO)							110.6 (102.7) (7.9)			
	C (EARLY WARNING) HAWKEYE (MYP) S: ADVANCE PROCUREMENT (PY)	A	2	(296.1) (-93.4)			3	(548.6) (-52.2)			
				202.7				496.4			
ADV (FY	CC (EARLY WARNING) HAWKEYE (MYP) YANCE PROCUREMENT (CY) T 2008 FOR FY 2009) (MEMO) T 2009 FOR FY 2010) (MEMO)					52.2 (52.2)		92.7			
,	OMBAT AIRCRAFT										
BUDGET	ACTIVITY 02: AIRLIFT AIRCRAFT			,,510.1		0,313.0		10,330.3			
	T AIRCRAFT										
18 C-4		A					2	155.0	U		

155.0

EXHIBIT P-1

Department of the Navy FY 2009 PROCUREMENT PROGRAM

EXHIBIT P-1

APPROPRIATION: 1506N AIRCRAFT PROCUREMENT, NAVY DATE: 22 JAN 2008

				MILLIONS O	F DOLLARS			S
LINE NO ITEM NOMENCLATURE	CODE	QUANTITY	COST	FY 2	COST			E
BUDGET ACTIVITY 03: TRAINER AIRCRAFT								
TRAINER AIRCRAFT								
19 T-45TS (TRAINER) GOSHAWK	А	10	374.8		32.3			U
20 JPATS	А	20	145.0	44		44	289.3	U
TOTAL TRAINER AIRCRAFT			519.8		325.6		289.3	
BUDGET ACTIVITY 04: OTHER AIRCRAFT								
OTHER AIRCRAFT								
22 KC-130J LESS: ADVANCE PROCUREMENT (PY)	А	3	(224.1) (-46.2)		(263.7) (-45.6)		(153.2) (-33.7)	
			177.9		218.2		119.5	
23 KC-130J ADVANCE PROCUREMENT (CY) (FY 2007 FOR FY 2008) (MEMO)			45.6 (45.6)		33.7		33.9	U
(FY 2008 FOR FY 2009) (MEMO) (FY 2009 FOR FY 2010) (MEMO)			(13.0)		(33.7)		(33.9)	,
24 F-5	A	5	4.5					U
25 VTUAV	В	4	37.4		37.4	3	55.3	U
26 OTHER SUPPORT AIRCRAFT		3		1	8.2			U

294.6

297.5

208.8

TOTAL OTHER AIRCRAFT

CLASSIFICATION: UNCLASSIFIED

	BUDGET ITEM JUSTIFICATION SHEET										
			P-40								
APPROPRIATION/BUDGET	P-1 ITEM N	NOMENCLA	TURE								
AIRCRAFT PROCUREMENT	Γ,NAVY/BA [·]	1 Combat A	ircraft				012400, A\	/-8B (V/STC	L)HARRIE	R	
Program Element for Code B	Items:						Other Rela	ted Progran	n Elements		
0206110M											
	Prior Years	ID Code	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total
		ID Code	F1 2007	F1 2006	F1 2009	F1 2010	F1 2011	F1 2012	F1 2013	To Complete	Program
Quantity	74	Α									74
Net P-1 Cost (\$M)	1,891.229			2.996	3.401	3.406					1,901.032
Advance Proc (\$M)	189.016										189.016
WPN Sys Cost (\$M)	2,080.244			2.996	3.401	3.406					2,090.047
Initial Spares (\$M)	83.426										83.426
Proc Cost (\$M)	Proc Cost (\$M) 2,163.670 2.996 3.401 3.4										2,173.473
Unit Cost (\$M)	29.239										29.371

MISSION: The AV-8B meets the Marine Corps requirements for a light attack aircraft to provide responsive offensive air power that can operate from austere forward bases in direct support of ground forces.

DESCRIPTION: The AV-8B Remanufacture program converted older AV-8B day attack configured aircraft to the most recent production radar/night attack Harrier II Plus configuration. The AV-8B (Harrier II) is a second generation, vertical/short takeoff and landing (V/STOL), light attack jet aircraft utilized by the USMC. The AV-8B is a responsive, versatile, and dispersible aircraft capable of being operated from air-capable ships and/or ashore in support of marine operations. FY2008-FY2010 has funding for the F402-RR-408 Pegasus engine production line shutdow n. This effort, performed by Rolls-Royce, identifies the tooling, special equipment and data required to support capabilities in manufacturing and fabrication. A site survey of all tooling and assembly facilities for module build will be accomplished. The FY 2008 – FY 2010 funding will implement shutdow n actions to purposefully preserve elements essential to regenerating the F402-RR-408 Pegasus engine products.

BASIS FOR REQUEST: FY2009 funds are required to continue F402-RR-408 Pegasus engine production line shutdown and for Rolls-Royce to preserve elements essential to regenerating the F402-RR-408 Pegasus engine products for the AV-8B Engine Program. This effort is for the proper identification of the tooling, special equipment and data required to support sustainment capabilities in manufacturing and fabrication necessary for final shut down of the AV-8B engine.

CLASSIFICATION:

Exhibit P-5 Cost Analysis		Weapon System		DATE:				
		AV-8B (V/STOL)HAR	RIER					February 2008
APPROPRIATION/BUDGET	T ACTIVITY	ID Code		P-1 ITEM NO	MENCLATURE			
AIRCRAFT PROCUREMENT, NAV	Y/BA 1	Α		AV-8B (V/STOL)F	IARRIER Dollars in Tho			
Cost Element of Cost		Prior Years	FY 2	2007		2008		2009
		QTY: 0	QTY:	0	QTY:	0	QTY:	0
		Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost
1 AIRFRAME/CFE		1,231,803						
2 CFE ELECTRONICS								
3 GFE ELECTRONICS		46,098						
4 ENGINES / ENGINE ACC	C	292,023						
5 ARMAMENT								
6 INSTRUMENTS								
7 OTHER GFE		57,430						
8 REC FLYAWAY ECO								
9 Rec Flyaway Cost		1,627,354		0		0		
10 NON-RECURRING		49,897				2,696		3,08
11 ANCILLARY EQUIPMEN	Т							
12 MISCELLANEOUS								
13 Total Flyaway Cost		1,677,251		0		2,696		3,08
14 AIRFRAME PGSE		48,780						
15 ENGINE PGSE		8,973						
16 AVIONICS PGSE		93,084						
17 PEC TRNG EQ		55,062						
18 PUBS / TECH DATA		21,452						
19 OTHER ILS		52,650						
20 FACILITIES MANAGEME	ENT							
21 FIELD ACTIVITIES								
22 PRODUCTION ENG SUF	PPORT	122,993				300		31
23 MISCELLANEOUS SUPF	PORT							
24 Support Cost		402,994		0		300		31
25 Gross P-1 Cost		2,080,244		0		2,996		3,40
26 Adv Proc Credit		-189,016						
27 Net P-1 Cost		1,891,229		0		2,996		3,40
28 Adv Proc CY		189,016						
29 Weapon System Cost		2,080,244		0		2,996		3,40
30 Initial Spares		83,426						
31 Procurement Cost		2,163,670		0		2,996		3,40

			BUDGE	T ITEM JUST	TIFICATION SI	HEET				DATE:		
				P-4	10					FEBRU <i>A</i>	RY 2008	
APPROPRIATION/BUDGE	T ACTIVITY				P-1 ITEM NOME	NCLATURE						
Aircraft Procu	urement, Nav	y/ Comi	bat Aircraft, (I	BA-1)	014300 EA-18	8G						
Program Element for Code			Other Related P	rogram Elements								
06042	0604269N					0204136N, 0604270N, 0204154N						
	Prior	ID								To	Total	
	Years	Code	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	Complete	Program	
QUANTITY	4		9	18	22	22	10				85	
Net P-1 Cost (\$M)	\$325.431	В	\$696.108	\$1,257.453	\$1,604.800	\$1,585.661	\$879.264	\$20.494	\$14.999		6,384.210	
Advance Proc (\$M)	\$34.336	В	\$39.593	\$50.771	\$46.831	\$20.986					192.517	
Wpn Sys Cost (\$M)	\$359.767	В	\$735.701	\$1,308.224	\$1,651.631	\$1,606.647	\$879.264	\$20.494	\$14.999		6,576.72	
Initial Spares (\$M)	\$27.858	В	\$39.756	\$108.782	\$23.817	\$17.146	\$5.477				222.83	
Proc Cost (\$M)	\$387.625	В	\$775.457	\$1,417.006	\$1,675.448	\$16,823.793	\$884.741	\$20.494	\$14.999	•	6,799.56	
Unit Cost (\$M)			\$86.162	\$78.723	\$76.157	\$73.809	\$88.474			•	\$79.99	

DESCRIPTION:

The EA-18G is designed to replace the EA-6B aircraft. The EA-18G's electronic attack upgrades will meet EA-6B (with ALQ-218, ALQ-99, CSS-113) Airborne Electronic Attack (AEA) capability to detect, identify, locate and suppress hostile emitters; provide enhanced connectivity to National, Theater and strike assets; and provide organic precision emitter targeting for employment of onboard suppression weapons to fulfill operational requirements. The EA-18G will have the capability to operate autonomously or as a major node in a network centric operation. The performance of the aircraft is compatible with the primary strike/fighter aircraft projected to be in the inventory in the 2010 time period, allowing it to be fully integrated into specific strike packages. It will also have the capacity to provide broad area coverage for extended periods of time to support numerous strikes or other air operations in a federated context. The EA-18G is a scaleable, flexible solution that facilitates "Task Organized" force structures. The task organized force structures employ adequate forces to accomplish a specific task while maintaining the operation and personnel tempo at acceptable levels. The EA-18G is being designed to perform a range of Electronic Warfare/Electronic Attack functions either simultaneously or independently. The man in the loop operation and advanced information display system will allow real time assessment of the tactical situation and the appropriate response executed in accordance with the rules of engagement.

BASIS FOR FY 2009 BUDGET REQUEST:

Funding is requested to procure 22 EA-18Gs in FY 2009. This is the fifth year of a planned five year (FY2005-2009) multiyear procurement (MYP) originally based on an aircraft quantity of 210, which included 158 F/A-18E/Fs in FY2005-2009 (not reflected in this budget line) and 52 EA-18Gs in FY2006-FY2009. The baseline MYP contract was funded at the minimum yearly quantity of 42 aircraft per year. The contract has a variation quantity clause permitting an additional 6 aircraft per year. This contract is projected to yield savings/cost avoidance of \$1.052B (10.95%) over a single year procurement strategy. The current MYP II contract procurement profile includes 164 F/A-18E/Fs and 53 EA-18Gs. This profile includes FY07 Supplemental quantities of 3 F/A-18Fs and 1 EA-18G aircraft. An Economic Price Adjustment (EPA) clause incorporates adjustments to aircraft prices between the baseline (first quarter calendar year (CY) 2003 Global Insight cost planner) and the applicable forecasted annual indices for each program year (CY 2007 for program year FY06). Price adjustments are made only if the current forecasted composite escalation indices are greater than +/- one percent of the baseline index. Due to various contributing factors (int'l economic growth, increased raw material demand, U.S. government titanium protections, etc.), an EPA cost adjustment has been applied to the MYP budget for FY05-FY09.

The EA-18G Program will procure assets using the MYP contract vehicle once the Milestone Decision Authority (MDA) grants approval at each milestone. If the MDA does not approve the EA-18G procurement as currently scheduled, the Navy will continue to procure 42 F/A-18E/F aircraft in each year to maintain the MYP minimum requirements. Since the EA-18G will be a modified F/A-18F, some support costs are common and are more efficiently executed out of one budget line. These common costs are budgeted in the F/A-18E/F budget line.

The F/A-18E/F and EA-18G production line maintains a Minimum Sustainable Rate of 42 aircraft per year, and can surge to 72 aircraft in any one year. International buyer funding bought an additional set of rate tooling, adding an additional 12 aircraft to production capacity. Initially, international orders are expected to fully utilize the extra 12 aircraft production capacity.

For reference, the procurement quantity planned by fiscal year for the Airframe MYP is:

	<u>2005</u>	2006	2007	2008	2009
F/A-18E/F	42	38	34	24	23
Supplemental F/A-18E/F	0	0	3	0	0
EA-18G	0	4	8	18	22
Supplemental EA-18G	<u>0</u>	<u>0</u>	<u>1</u>	<u>0</u>	<u>0</u>
Total MYP	42	42	46	42	45

- 1. FY2007 funding total includes \$75.000 received in GWOT supplemental.
- $2. \ \ FY 2008 \ funding \ totals \ do \ not \ include \ \$375.000 \ previously \ requested \ for \ current \ FY 2008 \ GWOT \ requirements.$

DD Form 2454, JUN 86 P-1 SHOPPING LIST ITEM NO. 2 PAGE NO. 1 OF 8
CLASSIFICATION:

UNCLASSIFIED

Exhibit F	2-5 Cost Analysis			Weapon System:			DATE:	
(Page 1)					EA-18G		FEBRUA	RY 2008
APPRO	PRIATION/BUDGET ACTIVITY			ID Code	P-1 ITEM NOME	NCLATURE/SUB		
Air	craft Procurement, Navy/	Combat Aircra	aft, (BA-1)	В		EA-18G	/Y1CH	
				TOTAL COST	IN THOUSANDS C	OF DOLLARS		
COST CODE	ELEMENT OF COST	Prior Years	FY 2	2007	FY 2	008	FY 2	009
		Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost
	Quantity	4		9		18		22
1	Airframe/CFE	146,677	37,385	336,463	37,579	676,420	38,429	845,437
2	CFE Electronics	103,119	22,016	198,145	15,735	283,232	16,104	354,291
3	GFE Electronics	6,549	1,485	13,362	1,421	25,575	1,449	31,879
4	Engines/Eng Acc	31,759	8,204	73,840	8,476	152,576	8,566	188,458
5	Armament	0	0	0	0	0	0	0
6 7	Other GFE	2,596	660	5,941	667	12,006	696	15,303
	Rec Flyaway ECO	1,032	807	7,267	1,066	19,193	1,091	23,995
8	Rec Flyaway Cost	291,733	70,558	635,019	64,945	1,169,003	66,335	1,459,362
9	Non-Recur Cost	7,523		6,500		0		8,477
10	Ancillary Equip	7,279		35,188		67,259		81,823
11	Other	0		0		0		0
12	Total Flyaway	306,535		676,707		1,236,263		1,549,662
13	Airframe PGSE	0		0		11,011		22,434
14	Engine PGSE	0		197		381		309
15	Avionics PGSE	2,005		5,536		15,475		11,477
16	Pec Trng Eq	21,581		37,067		22,794		2,151
17	Pub/Tech Eq	3,452		2,677		4,779		7,100
18	Prod Eng Supt	63		55		5,192		48,290
19	Other ILS	0		0		1,151		14,147
20		0		0		0		0
21	Support Cost	27,101		45,887		60,783		105,909
22	Gross P-1 Cost	333,636		722,594		1,297,046		1,655,571
23	Adv Proc Credit	-8,205		-26,486		-39,593		-50,771
24	Net P-1 Cost	325,431		696,108		1,257,453		1,604,800
25	Adv Proc CY	34,336		39,593		50,771		46,831
26	Wpn Syst Cost	359,767		735,701		1,308,224		1,651,631
27	Initial Spares	27,858		39,756		108,782		23,817
28	Procurement Cost	387,625	D 4 0110 DDIN10	775,457		1,417,006		1,675,448

DD FORM 2446, JUN 86

P-1 SHOPPING LIST ITEM NO. 2

PAGE NO. 2 OF 8

Note: FY05-FY09 is based on a follow-on multiyear procurement with \$100M CRI Investment in FY04 and a total aircraft quantity of 210, which includes F/A-18E/F and EA-18G (F/A-18E/F aircraft are not reflected in this budget line).

UNCLASSIFIED

BUDGET PROCUREMENT HIS	STORY AND PL	ANNING EXHI	IBIT (P-5A)			Weapon System		A. DATE		
						EA-18G		FE	BRUARY	2008
B. APPROPRIATION/BUDGET ACTIVITY					C. P-1 ITEM NOMENCLATU	JRE			SUBHEAD	
Aircraft Pro	ocurement, N	avy/ Comb	at Aircraft, (BA-	1)		014300 EA-18G			Y1	СН
Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST (\$000)	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	TECH DATA AVAILABLE NOW ?	DATE REVISIONS AVAILABLE
AIRFRAME/CFE										
FY 2007	8	59,400.910	NAVAIR	N/A	MYP/SS/FFP/EPA	MDA, St Louis, MO	Nov-06	Oct-08	Yes	
FY 2007 for FY 2008 AP			NAVAIR	N/A	MYP/SS/FFP/EPA	MDA, St Louis, MO	Nov-06		Yes	
FY 2007 Supplemental	1	59,400.910	NAVAIR	N/A	MYP/SS/FFP/EPA	MDA, St Louis, MO	Nov-07	Jun-10	Yes	
FY 2008	18	53,314.011	NAVAIR	N/A	MYP/SS/FFP/EPA	MDA, St Louis, MO	Nov-07	Dec-09	Yes	
FY 2008 for FY 2009 AP			NAVAIR	N/A	MYP/SS/FFP/EPA	MDA, St Louis, MO	Nov-07		Yes	
FY 2009	22	54,533.079	NAVAIR	N/A	MYP/SS/FFP/EPA	MDA, St Louis, MO	Nov-08	Oct-10	Yes	
FY 2009 for FY 2010 AP			NAVAIR	Nov-08	SS/FFP	MDA, St Louis, MO	Nov-08		Yes	

D. REMARKS

Airframe contracts are with McDonnell Douglas Aerospace (a Boeing Subsidiary).

P-1 SHOPPING LIST ITEM NO. 2

PAGE NO. 3 OF 8

CLASSIFICATION:

FY 2009 pricing is based on a FY 2005-2009 Multi-Year Procurement.

FY 2009 Advance Procurement is for long-lead material and Termination Liability only. No Economic Order Quantity funding is requested.

UNCLASSIFIED

BUDGET PROCUREMENT HIS	STORY AND PLA	ANNING EXHI	BIT (P-5A)			Weapon System		A. DATE		
						EA-18G		F	EBRUARY 2	8008
B. APPROPRIATION/BUDGET ACTIVITY					C. P-1 ITEM NOMEN	CLATURE			SUBHEAD	
Aircraft Pr	ocurement, N	avy/ Comba	at Aircraft, (BA-	1)		014300 EA-18G			Y1	СН
Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST (\$000)	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	TECH DATA AVAILABLE NOW ?	DATE REVISIONS AVAILABLE
<u>F-414-GE-400 ENGINE</u> (2 PER A/C)										
FY2007	16	4,102.241	NAVAIR	Feb-06	SS/FFP	G.E. LYNN, MA	Sep-07	Jan-08	Yes	
FY07 for FY08 AP			NAVAIR	Feb-06	SS/FFP	G.E. LYNN, MA	Sep-07		Yes	
FY2007 Supplemental	2	4,102.241	NAVAIR	N/A	SS/FFP	G.E. LYNN, MA	Sep-07	Aug-09	Yes	
FY2008	36	4,238.233	NAVAIR	N/A	SS/FFP	G.E. LYNN, MA	Feb-08	Jan-09	Yes	
FY08 for FY09 AP			NAVAIR	N/A	SS/FFP	G.E. LYNN, MA	Feb-08		Yes	
FY2009	44	4,283.139	NAVAIR	N/A	SS/FFP	G.E. LYNN, MA	Feb-09	Jan-10	Yes	
FY09 for FY10 AP			NAVAIR	N/A	SS/FFP	G.E. LYNN, MA	Feb-09		Yes	

D. REMARKS

DD Form 2446-1, JUL 87

FY 2007-2011 is priced as a single year procurement.

P-1 SHOPPING LIST ITEM NO. 2 PAGE NO. 4 OF 8

CLASSIFICATION:

BUDGET PRODUCTION SO		LE, P-2	21														Date				FE	BR	UAR	Y 2	800			
Appropriation/Budget Activity	/											Wea	apor	Sy:	stem		P-1 Ite	m N	ome	ncla	ture							
Aircraft Pro	curem	ent, Na	avy/ Co	mbat A	Aircraft	, (BA-	1)						EA-	18G	;					0	1430	00 E	A-18	3G				
						PRC	DUC	TIO	N RA	TE				Pro	curen	nen	t Leadt	ime	S									
		Mar	nufactu	rer's							AL	ΤP	rior	AL	_T Afte	er	Initi	al	R	eord	der					Un	nit of	
Item		Name	and Lo	cation		MSF		CON	I M	AX	to	Oct	t 1	(Oct 1		Mfg F	PLT	M	lfg P			Tota	ıl		Mea	asure	Э
EA-18G		Donnell				42		48	7	2		0			2		33	}		35			37				E	
	McDo	onnell D																										
		St. Lou	is, MO.	63165												_												
									FISC	CAL Y	EAR	2008								FIS	CAL Y	'EAR	2009					П
ITEM / MANUFACTURER	F	s	Q	D	В	20	07				(CALE	NDAR	YEA	R 2008						CA	LEND	AR YI	EAR :	2009			
	Y	C	Υ	E L	A L	С	N D D E	Α		M A R	A P R	M A Y	N U	J U	U	S E P	O N C O T V	D E C	J A N	F E B	M A R	A P R	M A Y	N U	J J	A U G	S E P	B A L
E/A-18G ⁽¹⁾	06	N	4	0	4	1	l				1			1													+	0
E/A-18G ⁽²⁾	07	N	8	0	8												1 1		1	1		1	1		1	1		0
									FISC	CAL Y	EAR									FIS	CAL Y	'EAR	2011					
ITEM / MANUFACTURER	F Y	S	Q T	D	В	20					- (CALE	NDAR	YEA	R 2010					I	CA	LEND	AR YI	EAR :	2011			
	Y	V C	T Y	E L	A L		N D D E / C	Α		M A R	A P R	M A Y	J J	JUL	U	S E P	O N C O T V	D E C	J A N	F E B	M A R	A P R	M A Y	N U	JUL	A U G	S E P	B A L
E/A-18G ⁽³⁾ FY07 Supplemental	07	N	1	0	1								1															0
E/A-16G F10/ Supplemental	07	IN	-	U	-								ı														-	0
E/A-18G ⁽⁴⁾	08	N	18	0	18		1	2	2	2	1	2	2	2	2	2												0
E/A-18G ⁽⁵⁾	09	N	22	0	22												2 1	2	2	2	1	2	2	2	2	2	2	0

Remarks:

- Note (1): Planned procurement of 4 EA-18G aircraft in FY 2006 will deliver in FY 2008. This brings the yearly contractual procurement quantity of the MYP to 42 aircraft.
- Note (2): Planned procurement of 8 EA-18G aircraft in FY 2007 will deliver in FY 2009. This brings the yearly contractual procurement quantity of the MYP to 46 aircraft.
- Note (3): Includes 1 EA-18G FY07 Supplemental Aircraft delivery in June 2010.
- Note (4): Planned procurement of 18 EA-18G aircraft in FY 2008 will deliver in FY 2010. This brings the yearly contractual procurement under the MYP to 42 aircraft.
- Per P-5A first aircraft delivery on the contract is Oct 2009, F/A-18E and F/A-18F, however the 1st EA-18G will be delivered in Dec 2009.
- Note (5): Planned procurement of 22 EA-18G aircraft in FY 2009 will deliver in FY 2011. This brings the yearly contractual procurement under the MYP to 45 aircraft.

BUDGET PRODUCTION S		LE, P-2	21															Date						BR	UAR	RY 2	800			
Appropriation/Budget Activit	у												Wea	apor	ı Sy	sten)	P-1	Iten	n No	mer	nclat	ture							
Aircraft Pr	ocurem	ent, Na	avy/ Co	mbat A	Aircraft	t, (BA	-1)							EA-	180	;						0	143	00 E	A-18	8G				
						PR	DDU	JCT	ION	RA.	ΤE				Pro	cure	emei	nt Le	adti	mes	i									
		Mai	nufactu	rer's								AL	T Pı	rior	ΑL	T A	fter		Initia	l	R	eorc	der					Un	it of	
Item		Name	and Lo	ocation		MS	R I	EC	NC	MA	λX	to	Oct	: 1		Oct	1	M	fg P	LT	М	fg P	LT		Tota	al		Mea	asure)
EA-18G			Douglas			42		48	3	72	2		0			2			33			35			37				E	
	McDo		ouglas (
		St. Lou	iis, MO.	63165																										
										FISC	AL Y	EAR	2012									FIS	CAL Y	/EAR	2013					
ITEM / MANUFACTURER	F	s	Q	D	В	2	011						CALE	NDAF	YEA	R 201	2					,	CA	LEND	AR Y	EAR	2013			
	Υ	V C	T Y	E L	A L	0		D	J	F	М	Α	М	J	J	Α	S	0	N	D	J	F	М	Α	M	J	J	Α	S	B A
		ľ	l '	_	_	C T		E C	A N	E B	A R	P R	A Y	U N	U L	U G	E P	C T	O V	E	A N	E B	A R	P R	A Y	U	U L	U G	E P	L
	1						•	Ť			•	-``	•			_	•		•	Ť	<u> </u>			<u> </u>			┢	Ť		
E/A-18G	10	N	22	0	22			2	2	3	2	2	2	2	2	3	2													0
2,71100	10	• • • • • • • • • • • • • • • • • • • •		Ů				_	_		_	_		_			_													
E/A-18G	11	N	10	0	10													1	1	1	1	1	1	1	1	1		1		0
										FISC	AL Y	EAR	2014									FIS	CAL Y	/EAR	2015					
ITEM / MANUFACTURER	F	s	Q	D	В	2	013						CALE	NDAF	YEA	R 201	4						CA	LEND	AR Y	EAR	2015			
	Υ	V C	T Y	E L	A L	0		D	J	F	М	Α	M	J	J	Α	S	0	N	D	J	F	M	Α	M	J	J	Α	s	B A
		ľ	l '	_	_	C T		E C	A N	E B	A R	P R	A Y	U N	U	U	E P	C T	O V	E	A N	E B	A R	P R	A	U	U L	U	E	L
	1							Ť		_	-	-	•				-		-	_	-			<u> </u>	-		┢	Ť	-	
																												-		
																											l			
	1																										l			
	1																													
																								İ			Ī			
																											Ī			

Remarks

FY 2010: Per P-5A first aircraft delivery on the contract is Oct 2011, F/A-18E and F/A-18F, however the 1st EA-18G will be delivered in Dec 2011.

	LE, P-2	21															Date						BR	JAR	Y 2	800			
ty												Wea	por	Sys	stem	1	P-1	Iten	n No	mer									
rocurem	ent, Na	avy/ Co	mbat A	Aircraf									EA-								0	1430	00 E	A-18	3G				
					PF	ROD	UCT	1ON	I RA	TE							nt Le	adti	mes										
																						-					Un	nit of	
					_						to		1	•		1	M		LT_	M		LT			ıl				е
GE				СО	8	4	12	20	14	4		0			5			27			24			29				E	
	L	YNN, N	1A																										
		I	ı	ī																									•
			_			0000			FISC	AL Y			UDAE	\/FA	D 000						FISC					0000			l
						T			_						1				_		_			T T	I				В
	C	Y	L	L		0					P		Ŋ	U	U	E							P		U	U			A L
					Т	٧	С	N	В	R	R	Y	N	L	G	Р	Т	٧	С	N	В	R	R	Υ	N	L	G	P	
- 00	N.I.	0	0	0									7	_															
06	N	8	0	8									/	1															0
_																													
07	N	16	0	16																2	2	1	0	2	2	1	1		5
									FISC	AL Y	EAR	2009									FISC	CAL Y	EAR	2010					
F	S					2008	ı				•	CALE	NDAR	YEA	R 200	9		1			ı	CA	LEND	AR Y	EAR	2010	1	ı	1_
Y					0	N	D	J	F	М	A	М	J	J	Α	S	0	N	D	J	F	M	Α	М	J	J 	Α	s	B A
		•		_																						L		P	L
-															_				-										
07	N	2	0	2											1	1													0
07	N	16	11	5	2	2	1																						0
08	N	36	0	36				1	3	2	3	4	3	4	3	4	3	3	3										0
																											<u> </u>		
09	N	44	0	44											1	1		1		3	4	4	4	4	4	4	4	4	9
İ	F Y 06 07 07 07	rocurement, Name GENERA L F S Y C 06 N 07 N F S Y C 07 N 08 N	F S Q Y T C Y O7 N 16 F S Q Y T C Y O7 N 16 O7 N 2 O7 N 16	Manufacturer's Name and Location GENERAL ELECTRIC LYNN, MA	Manufacturer's Name and Location GENERAL ELECTRIC CO LYNN, MA	Name and Location Seneral Electric CO Seneral Electric CO Lynn, MA Seneral Electric CO Seneral Ele	Name and Location MSR September Se	Name and Location	Name and Location		Name and Location	Name and Location	Name and Location	Name and Location MSR ECON MAX MAX Trior	Weapon Systematics Systema	Weapon System EA-18G FRODUCTION RATE PRODUCTION RATE ALT Prior ALT A Oct 1 Oct	Weapon System EA-18G	Weapon System P-1	Weapon System P-1 Item EA-18G PRODUCTION RATE Procurement Leadition MSR ECON MAX to Oct 1 Oct 1	Weapon System P-1 Item No EA-18G PRODUCTION RATE Procurement Leadtimes Name and Location MSR ECON MAX to Oct 1 Oct 1 Mfg PLT Oct 1 Mfg PLT Oct 1 Oct 1 Oct 1 Mfg PLT Oct 1 O	Weapon System P-1 Item Nomer	Weapon System	Weapon System	Weapon System P-1 Item Nomenclature EA-18G O14300 O1	Weapon System P-1 Item Nomenclature FA-18G	Weapon System	Weapon System	Weapon System	Weapon System P-1 Item Nomenclature

Remarks:

Beginning in FY 2006, engines for EA-18G and Spares are procured with F/A-18E/F install engines on the same contract.

This exhibit depicts EA-18G installs only.

Note (1): Includes Engines for 1 FY07 EA-18G Supplemental aircraft.

BUDGET PRODUCTION S		LE, P-2	21														Date						EBR	UAF	RY 2	800			
Appropriation/Budget Activit	ty											Wea	apor	Sys	stem)	P-1	Iten	n No	ome	nclat	ture							
Aircraft Pi	rocurem	ent, Na	avy/ Co	mbat A	Aircraft	, (BA-)						EA-	18G	;						0	143	00 E	A-18	8G				
						PRO	DUC	CTIC	N RA	ATE				Pro	cure	emer	nt Le	adtii	mes	,									
			nufactu									T P			T A			nitia			eord						Un	it of	
Item			and Lo			MSF		COI		IAX	to	Oct	t 1	(Oct	1	M	fg Pl	LT	M	lfg P	LT		Tota	al		Mea		е
F414-GE-400 ENGINE	GI			CTRIC	СО	84		120	1	44		0			5			27			24			29			!	E	
(EA-18G AIRCRAFT)		L	YNN, N	1A																									
									_														-						
			_		_																								
ITEM / MANUEA OTUBED		_	•	_	_			1	FIS	CAL Y				– .							FIS		YEAR						
ITEM / MANUFACTURER	F Y	s v	Q T	D E	B A	20		-		T		Ι	NDAF	YEA		1			_	! .		1	END/		AR 2		т.		В
		Ċ	Ý	Ĺ	Ĺ	0 1			J F	M	A P	M A	U	Ŋ	U	S	O C	N O	D E	J	F	M	A P	M A	U	Ŋ	A U	S	A
						T۱				R	R	Υ	N	L	G	P	Т	٧	С	N	В	R	R	Υ	N	L	G	P	L
F414-GE-400 Installs (FY09)	09	N	44	35	9	3 3	3	3																					0
								-			1																+		
F414-GE-400 Installs (FY10)	10	N	44	0	44			2	2 2	4	4	4	4	3	3	5	4	4	5								_		0
5444 OF 400 by tally (F)(44)	14	N.1	00	0	00						1														_			0	
F414-GE-400 Installs (FY11)	11	N	20	0	20			-												1	2	2	2	2	2	2	2	2	3
								_	FIS	CAL Y	/FΔR	2013									FIS	CAL Y	/EAR	2014					
ITEM / MANUFACTURER	F	s	Q	D	В	20	12			O/1L .			NDAF	RYEA	R 201	3							END/		AR 2	014			
	Υ	v	т	E	Α	0 1	ı D	,	J F	М	Α	М	J	J	Α	s	0	N	D	J	F	М	Α	М	J	J	Α	s	В
		С	Υ	L	L	C) E		A E	Α	Р	Α	U	U	U	E	С	0	Е	Α	Е	Α	Р	Α	U	U	U	E	A L
						T \	C	<u> </u>	I B	R	R	Υ	N	L	G	Р	Т	٧	С	N	В	R	R	Υ	N	L	G	Р	
F414-GE-400 Installs (FY11)	11	N	20	17	3	2	. 1	-															1				_		0
1 +1+ OL-400 IIIstalis (I 111)	1 ''	IN	20	17	3		. 1	-		+	1																-		
																											<u> </u>		
								-															-				-		
								1																					

Remarks

Beginning in FY 2006, engines for EA-18G and Spares are procured with F/A-18E/F install engines on the same contract. This exhibit depicts EA-18G installs only.

UNCLASSIFIED

BUDGET ITEM JUS	STIFICATION S	SHEET						DATE:			
	P-40								FEBRU	ARY 2008	
APPROPRIATION/BUD	GET ACTIVITY					P-1 ITEM NOM	IENCLATURE				
Aircraft Procureme	ent, Navy/ Cor	nbat Aiı	rcraft, (BA-1))		014300 EA-	18G ADVAN	CE PROCUR	EMENT (MYF	P)	
Program Element for	or Code B items	s:				Other Relate	ed Program E	lements			
0604	4269N					0204136N, 0	0604270N, 02	04154N			
	Prior	ID								То	
	Years	Code	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	Complete	Total
0007											
COST (In Millions)	\$34.336	В	\$39.593	\$50.771	\$46.831	\$20.986					\$192.517

DESCRIPTION:

The EA-18G is designed to replace the EA-6B aircraft. The EA-18G's electronic attack upgrades will meet EA-6B (with LR-700, ALQ-99, USQ-113) Airborne Electronic Attack (AEA) capability to detect, identify, locate and suppress hostile emitters; provide enhanced connectivity to National, Theater and strike assets; and provide organic precision emitter targeting for employment of onboard suppression weapons to fulfill operational requirements. The EA-18G will have the capability to operate autonomously or as a major node in a network centric operation. The performance of the aircraft is compatible with the primary strike/fighter aircraft projected to be in the inventory in the 2010 time period, allowing it to be fully integrated into specific strike packages. It will also have the capacity to provide broad area coverage for extended periods of time to support numerous strikes or other air operations in a federated context. The EA-18G is scaleable, flexible solution that facilitates "Task Organized" force structures. The task organized force structures employ adequate forces to accomplish a specific task while maintaining the operation and personnel tempo at acceptable levels. The EA-18G is being designed to perform a range of Electronic Warfare/Electronic Attack functions either simultaneously or independently The man in the loop operation and advanced information display system will allow real time assessment of the tactical situation and the appropriate response executed in accordance with the rules of engagement.

BASIS FOR FY 2009 BUDGET REQUEST:

Funding is requested to procure long-lead items for 22 EA-18G aircraft in FY 2010.

DD Form 2454, JUN 86 P-1 SHOPPING LIST ITEM NO. 3 PAGE NO. 1 OF 3

CLASSIFICATION: UNCLASSIFIED

Exhibit P-10 Advance Procu	rement Re	quirements	s Analysis			Date:						
(Page 1 - Funding)						FEBRUARY	2008					
Appropriation (Treas) Code/	CC/BA/BS/	4/Item Cor	ntrol Number			P-1 Line Iter	n Nomencla	ature				
Aircraft Procurement, Nav	y/ Combat	Aircraft (BA-1)			EA-18G AD	VANCE PR	OCUREMEN	NT (MYP)			
Weapon System				First System	n (BY1) Awa	rd Date		Interval betw	veen System	ıs		
EA-18G					Nov-07				1 1/2 W	/eeks		
		(\$ in M	illions)					1				
		When	Prior								То	
	PLT	Rqd	Years	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	Complete	Total
End Item Qty			4	9	18	22	22	10				85
CFE - Airframe - T.L.	35		26.8	30.9	38.1	34.6	14.7					145.1
GFE - F414 Eng T.L.	24		6.9	7.9	9.8	8.9	3.8					37.2
GFE - Other	Var.	Var.	0.7	0.8	2.8	3.3	2.5					10.2
Total AP			34.3	39.6	50.8	46.8	21.0					192.5

NARRATIVE DESCRIPTION:

This line item funds long-lead requirements for the EA-18G production program. Airframe /Contractor Furnished Equipment (CFE) and engine requirements are calculated on a termination liability basis through 31 October of the following fiscal year, reflecting the contractor's funding requirements for the procurement of long-lead parts and material necessary to protect the delivery schedule. Other Government Furnished Equipment (GFE) requirements are determined on a fully loaded basis, procuring the long-lead quantity needed to protect the production schedule.

This does not contain Advanced Procurement for the one FY07 Supplemental aircraft procurement.

CLASSIFICATION: UNCLASSIFIED

Exhibit P-10 Advance Pro	curemen	t Requirer	nents Analys	sis			Date:		
(Page 2 - Budget Justifica	ation)							FEBRUARY 2008	
Appropriation (Treasury)	Code/CC/	/BA/BSA/I	tem Control	Number	Weapon System		P-1 Line Item Nome	enclature	
Aircraft Procurement, N	avy/ Con	nbat Aircı	raft (BA-1)		EA-18G		EA-18G ADVANCE	PROCUREMENT (MYP)
					(TOA, \$ in Millions	5)			
				FY 2008 for	FY 2008 Contract	FY 2008 Total	FY 2009 for	FY 2009 Contract	FY 2009 Total
	PLT	QPA	Unit Cost	FY 2009 Qty	Forecast Date	Cost Request	FY 2010 Qty	Forecast Date	Cost Request
End Item		N/A							
Long Lead-Airframe	35		N.A.	T.L. for 22	Nov-07	38.1	T.L. for 22	Nov-08	34.6
GFE - Engine - T.L.	24		N.A.	T.L. for 44	Feb-08	9.8	T.L. for 44	Feb-09	8.9
GFE - Other	Var.	Var.	N.A.	Var.	Var.	2.8	Var.	Var.	3.3
T-(-LAD						50.0			40.0
Total AP						50.8			46.8

Description:

P-1 Shopping List Item No. 3

PAGE NO. 3 OF 3

Exhibit P-10, Advance Procurement Funding

CLASSIFICATION:

UNCLASSIFIED

			BUDGET I	TEM JUSTIF	ICATION SHE	ET				DATE:	
				P-40						FEBRU/	ARY 2008
APPROPRIATION/BUDG	GET ACTIVITY				P-1 ITEM NOME	NCLATURE			•		
Aircraft Pro	ocurement, Nav	y/ Comba	at Aircraft, (B	A-1)		014	500 F/A-18E/	F (FIGHTER)	HORNET (M	YP)	
Program Element for Co	de B Items:				Other Related P	rogram Element	S				
02	204136N				06042691	N, 0305207N,	0604270N, 0	204154N			
	Prior	ID								То	Total
	Years	Code	FY2007	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013	Complete	Program
QUANTITY	352		37	24	23	18	17	22			493
Net P-1 Cost (\$M)	\$26,499.941	Α	\$2,684.497	\$2,028.446	\$1,868.688	\$1,575.935	\$1,540.530	\$1,735.028	\$200.125		\$38,133.19
Advance Proc (\$M)	\$1,353.217	Α	\$52.582	\$46.501	\$42.616	\$41.508	\$40.538				\$1,576.962
Wpn Sys Cost (\$M)	\$27,853.158	Α	\$2,737.079	\$2,074.947	\$1,911.304	\$1,617.443	\$1,581.068	\$1,735.028	\$200.125		\$39,710.15
Initial Spares (\$M)	\$993.514	Α	\$29.019	\$31.423	\$8.864	\$13.867	\$0.334				\$1,077.02
Proc Cost (\$M)	\$28,846.672	Α	\$2,766.098	\$2,106.370	\$1,920.168	\$1,631.310	\$1,581.402	\$1,735.028	\$200.125		\$40,787.17
Unit Cost (\$M)			\$74.759	\$87.765	\$83.486	\$90.628	\$93.024	\$78.865			\$82.73

DESCRIPTION:

The F/A-18E/F Naval Strike Fighter is a twin-engine, mid-wing, multi-mission tactical aircraft. F/A-18E/F can be missionized through selected use of external equipment to accomplish specific fighter or attack missions. This capability allows the Operational Commander more flexibility in employing his tactical aircraft in a dynamic scenario. The primary design mission for the F/A-18E/F is a strike fighter which includes the traditional applications, such as fighter escort and fleet air defense, combined with the attack applications, such as interdiction and close air support. Since the same airframe systems are used on attack missions as well as fighter missions, excellent fighter and self defense capability is retained.

BASIS FOR FY 2009 BUDGET REQUEST:

Funding is requested to procure 23 F/A-18E/F aircraft in FY 2009. This is the fifth year of a planned five year (FY2005-2009) multivear procurement (MYP) originally based on an aircraft quantity of 210, which included 158 F/A-18E/Fs in FY2005-2009 and 52 EA-18Gs (not reflected in this budget line) in FY2006-FY2009. The baseline MYP contract was funded at the minimum yearly quantity of 42 aircraft per year. The contract has a variation in quantity clause permitting an additional 6 aircraft per year. This contract is projected to yield savings/cost avoidance of \$1.052B (10.95%) over a single year procurement strategy. The current MYP II contract procurement profile includes 164 F/A-18E/Fs and 53 EA-18Gs. This profile includes FY07 Supplemental quantities of 3 F/A-18Fs and 1 EA-18G aircraft.

The Economic Price Adjustment (EPA) clause incorporates adjustments to aircraft prices between the baseline (first quarter calendar year (CY) 2003 Global Insight cost planner) and the applicable forecasted annual indices for each program year (CY 2007 for program year FY06). Price adjustments are made only if the current forecasted composite escalation indices are greater than +/- one percent of the baseline index. Due to various contributing factors (international economic growth, increased demand for raw materials, U.S. government titanium protections, etc.), an EPA cost adjustment has been applied to the MYP budget for FY05-FY09.

The F/A-18E/F and EA-18G production line maintains a Minimum Sustainable Rate of 42 aircraft per year, and can surge to 72 aircraft in any one year. International buyer funding bought an additional set of rate tooling, adding an additional 12 aircraft to production capacity. Initially, international orders are expected to fully utilize the extra 12 aircraft production capacity.

For reference, the procurement quantity planned by fiscal year for the Airframe MYP is:

	<u>2005</u>	<u>2006</u>	<u>2007</u>	<u>2008</u>	2009
F/A-18E/F	42	38	34	24	23
Supplemental F/A-18E/F	0	0	3	0	0
EA-18G	0	4	8	18	22
Supplemental EA-18G	<u>0</u>	<u>0</u>	<u>1</u>	<u>0</u>	<u>0</u>
Total MYP	42	42	46	42	45

- FY2007 funding total includes \$208.000 received in GWOT supplemental.
- 2. FY2008 funding totals do not include \$768.040 previously requested for current FY2008 GWOT requirements.

DD Form 2454, JUN 86 P-1 SHOPPING LIST ITEM NO. 4 PAGE NO. 1 OF 10

UNCLASSIFIED

Exhibit F	P-5 Cost Analysis			Weapon System:			DATE:	
(Page 1)					F/A-18E/F		FEBRUAR	RY 2008
APPRO	PRIATION/BUDGET ACTIVIT	Υ		ID Code	P-1 ITEM NOMEN	CLATURE/SUBI		
Ai	rcraft Procurement, Nav	y/ Combat Aircraf	t, (BA-1)	Α	F/A-18E/F (FIG	HTER) HORN	ET (MYP)/Y1CI	=
			, ,		IN THOUSANDS O			
COST	ELEMENT OF COST	Prior	FY	2007	FY 20	008	FY 20	09
CODE		Years		-00.		,,,,,	20	
		Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost
	Quantity	352		37		24		23
1	Airframe/CFE	14,822,796	36,844	1,363,237	37,601	902,413	37,561	863,90
2	CFE Electronics	1,906,048	5,889	217,895	5,597	134,335	5,873	135,08
3	GFE Electronics	631,281	1,378	50,976	1,743	41,832	1,768	40,67
4	Engines/Eng Acc	2,933,506	8,121	300,487	8,476	203,435	8,503	195,56
5	Armament	62,002	270	9,992	291	6,975	342	7,87
6	Other GFE	170,139	548	20,287	495	11,869	510	11,72
7	Rec Flyaway ECO	363,039	683	25,281	864	20,735	871	20,03
3	Rec Flyaway Cost	20,888,811	53,734	1,988,156	55,066	1,321,594	55,429	1,274,85
9	Non-Recur Cost	1,141,747		46,710		8,051		23,77
10	Ancillary Equip	1,985,305		284,986		302,081		187,66
11	Other	0		0		0		
12	Total Flyaway	24,015,863		2,319,853		1,631,725		1,486,30
13	Airframe PGSE	264,331		5,364		1,630		1,68
14	Engine PGSE	105,943		1,605		1,505		1,55
15	Avionics PGSE	284,966		17,858		95,698		18,74
16	Pec Trng Eq	526,211		55,824		28,872		68,29
17	Pub/Tech Eq	308,087		22,025		24,540		25,44
18	Prod Eng Supt	1,310,560		192,708		169,619		185,90
19	Other ILS	952,370		143,281		130,680		129,95
20		0		0		0		
21	Support Cost	3,752,467		457,336		452,545		431,58
22	Gross P-1 Cost	27,768,331		2,777,189		2,084,270		1,917,89
23	Adv Proc Credit	-1,268,390		-92,692		-55,824		-49,20
24	Net P-1 Cost	26,499,941		2,684,497		2,028,446		1,868,68
25	Adv Proc CY	1,353,217		52,582		46,501		42,61
26	Wpn Syst Cost	27,853,158		2,737,079		2,074,947		1,911,30
27	Initial Spares	993,514		29,019		31,423		8,86
28	Procurement Cost A 2446, JUN 86	28,846,672		2,766,098 LIST ITEM NO. 4		2,106,370		1,920,16 SE NO. 2 OF 10

Note: FY05-FY09 is based on a follow-on multiyear procurement with \$100M Cost Reduction Initiatives (CRI) Investment in FY04 and a total aircraft quantity of 210, which includes F/A-18E/F and EA-18G (not reflected in this budget line).

UNCLASSIFIED

BUDGET PROCUREMENT HIST	ORY AND PL	ANNING EXHI	BIT (P-5A)			Weapon System		A. DATE		
						F/A-18E/F		FI	BRUARY 20	800
B. APPROPRIATION/BUDGET ACTIVITY					C. P-1 ITEM NOMENCLATU	RE			SUBHEAD	
Aircraft Proc	urement, N	lavy/ Comba	at Aircraft, (BA-	1)	014500 F/A	-18E/F (FIGHTER) HO	RNET (MY	P)	Y1	CF
Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST (\$000)	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	TECH DATA AVAILABLE NOW ?	DATE REVISIONS AVAILABLE
AIRFRAME/CFE										
FY 2007	34	42,733.313	NAVAIR	N/A	MYP/SS/FFP/EPA	MDA, St Louis, MO	Nov-06	Oct-08	Yes	
FY 2007 for FY 2008 AP			NAVAIR	N/A	MYP/SS/FFP/EPA	MDA, St Louis, MO	Nov-06		Yes	
FY 2007 Supplemental	3	42,733.313	NAVAIR	N/A	MYP/SS/FFP/EPA	MDA, St Louis, MO	Nov-07	Mar-10	Yes	
FY 2008	24	43,197.823	NAVAIR	N/A	MYP/SS/FFP/EPA	MDA, St Louis, MO	Nov-07	Oct-09	Yes	
FY 2008 for FY 2009 AP			NAVAIR	N/A	MYP/SS/FFP/EPA	MDA, St Louis, MO	Nov-07		Yes	
FY 2009	23	43,406.109	NAVAIR	N/A	MYP/SS/FFP/EPA	MDA, St Louis, MO	Nov-08	Oct-10	Yes	
FY 2009 for FY 2010 AP			NAVAIR	Nov-08	SS/FFP	MDA, St Louis, MO	Nov-08		Yes	

D. REMARKS

DD Form 2446-1, JUL 87

Airframe contracts are with McDonnell Douglas Aerospace (a Boeing Subsidiary).

P-1 SHOPPING LIST ITEM NO. 4 PAGE NO. 3 OF 10

FY 2009 pricing is based on a FY 2005-2009 multi-year procurement.

FY 2009 Advance Procurement is for long-lead material and Termination Liability only. No Economic Order Quantity funding is requested.

UNCLASSIFIED

			IT (P-5A)	IIBIT (P-5A)	BIT (P-5A)	IBIT (P-5A)				Weapon System F/A-18E/F		A. DATE	EBRUARY 2	2008
	-1)	(BA-1	t Aircraft, (B <i>l</i>	oat Aircraft, (BA	at Aircraft, (BA-1)	at Aircraft, (BA-1)	(BA-1)	C	C. P-1 ITEM NOMENO 014500 F/		RNET (M'		SUBHEAD Y1	
MET	RFP ISSUE DATE	I	LOCATION OF PCO						CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	TECH DATA AVAILABLE NOW ?	DATE REVISIONS AVAILABLE
SS	Feb-06		NAVAIR	NAVAIR	NAVAIR	NAVAIR	Reb-06	6	SS/FFP	G.E. LYNN, MA	Sep-07	Jan-08	Yes	
SS	Feb-06		NAVAIR	NAVAIR	NAVAIR	NAVAIR	Feb-06	6	SS/FFP	G.E. LYNN, MA	Sep-07		Yes	
SS	N/A		NAVAIR	NAVAIR	NAVAIR	NAVAIR	N/A		SS/FFP	G.E. LYNN, MA	Sep-07	Jul-09	Yes	
SS	N/A		NAVAIR	NAVAIR	NAVAIR	NAVAIR	₹ N/A		SS/FFP	G.E. LYNN, MA	Feb-08	Jan-09	Yes	
SS	N/A		NAVAIR	NAVAIR	NAVAIR	NAVAIR	N/A		SS/FFP	G.E. LYNN, MA	Feb-08		Yes	
SS	N/A		NAVAIR	NAVAIR	NAVAIR	NAVAIR	N/A		SS/FFP	G.E. LYNN, MA	Feb-09	Jan-10	Yes	
SS	N/A		NAVAIR	NAVAIR	NAVAIR	NAVAIR	N/A		SS/FFP	G.E. LYNN, MA	Feb-09		Yes	

D. REMARKS

FY 2007-2012 is priced as single year procurements.

DD Form 2446-1, JUL 87 P-1 SHOPPING LIST ITEM NO. 4 PAGE NO. 4 OF 10

CLASSIFICATION:

UNCLASSIFIED

BUDGET PRODUCTION S		LE, P-2	1															Date					F	EBR	UAI	RY 2	800			
Appropriation/Budget Activity	ty												Wea	apor	n Sys	stem	1	P-1	Item	n No	men	clat	ure							
Aircraft P	rocurem	ent, Na	avy/ Co	mbat A	Aircraft	, (BA	-1)						F	/A- 1	18E/	F			0145	00 l	F/A-	18E	/F (F	FIGH	ITER	R) H	ORN	IET ((MY	P)
		-						JCT	ION	I RA	TE				Pro	cure	emer	nt Le	adtir	nes										
		Ma	nufactu	rer's								ΑL	T P	rior	AL	T A	fter		Initia		Re	eord	ler					Ur	nit of	
Item		Name	and Lo	ocation		MS	SR	EC	ON	MA	4Χ	to	Oct	t 1	(Oct	1	M	fg Pl	_T_	Mt	fg P	LT		Tota	al		Me	asur	е
F/A-18E/F				s Aerosp		42	2	48	8	72	2		0			2			33			35			37				Е	
	McD			Corp. (B																										
		St. Lou	iis, MO.	63165																										
										FISC	AL Y	EAR	2006									FISC	CAL Y	EAR	2007				ŀ	
ITEM / MANUFACTURER	F	s	Q	D	В		2005						CALE	NDAI	YEA	R 200)6		, ,				CA	LEND	AR Y	EAR	2007			
	Υ	V C	T Y	E		0	N	D	J	F	M	Α	М	J	J	Α	S	0	N	D	J	F	М	Α	M	J	J	Α	s	B A
			'	_	-												E										U L	U G	E P	L
	+					-	•	_		-	- 1		•	- ''	H	Ŭ	•	Ė		Ŭ	-		- 11			.,	<u> </u>	ŭ	屵	
F/A-18E	05	N	15	0	15													2	1	1	2	1	1	1	1	2	1	1	1	0
F/A-18F	05	N	27	0	27													2	3	2	2	2	2	2	3	1	3	3	2	0
					A L O N D J F M A M J J J A S O N D J F M A M J U U U E C O E A E A P A V N L G P T V C N B R R Y N N L G P T V C N B R R Y N N L G P T V C N B R R Y N N C N B R R Y N N C N B R R R Y N N C N C N C N C N C N C N C N C N C													<u> </u>												
																													<u> </u>	
																												├	$\vdash \vdash$	
										EISC	`AI V	EAD	2000									EIG	2A1 V	EAD	2000					
ITEM / MANUFACTURER	F	s	Q	D	В		2007			1130	/AL 1			NDAF	R YEA	R 200	าล					1100		LEND			2009			
	Y	v	T	E	A	0	N	D	J	F	М	Α	М	J.	J	Α	s	О	N	D	J	F	М	A	M	J	J	Α	s	В
		С	Υ	L	L	С	0	Е	Α	Е	Α	Р	Α	Ü	U	U	Е	С	0	Е	A	Е	Α	Р	Α	Ü	ŭ	U	Е	A L
						Т	V	С	N	В	R	R	Υ	N	L	G	Р	Т	V	С	N	В	R	R	Υ	N	L	G	Р	_
																												Щ.	\bigsqcup^{l}	
F/A-18E	06	N	25	0	25	2	2	2	2	2	2	2	2	3	2	2	2											<u> </u>	\sqcup	0
F/A-18F	06	N	13	0	13	1	1	1	1	1	1	2	1	1	1	1	1											<u> </u>	\vdash	0
Note 1																												-	$\vdash \vdash$	
E/A 40E																								_	_	_		<u> </u>	\vdash	
F/A-18E	07	N	14	0	14													1	1	2	1	1	1	1	1	2	1	1	1	0
F/A-18F	07	N	20	0	20													2	2	2	2	1	2	1	1	2	2	1	2	0
F/A-18F Supplemental	07	N	3	0	3																								\vdash	3
Note 2		 	 		 																							-	\vdash	
		1	1	1	1																							\vdash	$\vdash \vdash$	
																		<u> </u>												

Remarks

Note 1: Planned procurement of 4 EA-18G aircraft in FY 2006 will deliver in FY 2008 as shown in EA-18G APN-1 budget.

Note 2: Planned procurement of 9 EA-18G aircraft in FY 2007 will deliver in FY 2009. This brings FY07 yearly contractual procurement quantity of the Multi-year Procurement (MYP) to 46 aircraft.

Appropriation/Budget Activity	BUDGET PRODUCTION SCH	EDULE,	Weapon System P-1 Item Nomenclature																												
Namufacturer's Name and Location MSR ECON MAX to Oct 1 Cot 2 MIg PLT Total Unit of Name and Location MSR ECON MAX to Oct 1 Cot 2 MIg PLT Total Unit of Name and Location MSR ECON MAX to Oct 1 Cot 2 MIg PLT Total Unit of Name and Location MSR ECON MAX to Oct 1 Cot 2 MIg PLT Total Unit of Name and Location MSR ECON MAX to Oct 1 Cot 2 MIg PLT Total Unit of Name and Location MSR ECON MAX to Oct 1 Cot 2 MIg PLT Total Unit of Name and Location MIg PLT Total Unit of Name and Location MSR ECON MAX to Oct 1 Cot 2 MIg PLT Total Unit of Name and Location MIg PLT MIg PLT Total Unit of Name and Location MIg PLT Total Unit of Name and Location MIg PLT MIg PLT Total Unit of Name and Location MIg PLT MIg PLT Total Unit of Name and Location MIg PLT MIg PLT Total Unit of Name and Location MIg PLT MIg PLT MIg PLT Total Unit of Name and Location MIg PLT															-	-)	P-1												
Manufacturers	Aircraft Pro	ocureme	nt, Nav	y/ Com	bat Air	craft, (BA-	1)						F	/A- 1								F (F	IGH	TER) H(DRN	ET (MY	P)	
Name and Location								Pro	duct	tion I	Rate	;				Pro	cure	mei	nt Le	eadti	mes										
F/A-18F McDonnell Douglas Aerospace			Ма	nufactu	rer's								Αl	_T P	rior	AL	T A	fter		Initia	al	R	eorc	der					Un	it of	
McDonnell Douglas Corp. (Boeing) St. Louis, MO. 63165 St. Loui	Item		Name	and Lo	ocation		M	SR	EC	ON	M	AX	to	Oct	1	O	ct 20	04	М	fg P	LT	M	fg P	LT		Tota	ıl		Mea	sure)
St. Louis, MO. 63165	F/A-18E/F	Mo	Donnell	Douglas	s Aerosp	ace	4	2	4	8	7	2		0			2			33			35			37				Ε	
ITEM / MANUFACTURER		McD	onnell D	ouglas (Corp. (B	oeing)																									
ITEM / MANUFACTURER			St. Lou	uis, MO.	63165																										
ITEM / MANUFACTURER																															
Y											FISC	CAL Y	EAR	2010									FIS	CAL Y	EAR	2011					
F/A-18F Supplemental	ITEM / MANUFACTURER	F	s	Q	D	В		2009)					CALE	NDAF	R YEA	R 201	0						CA	LEND	AR Y	EAR :	2011			
F/A-18F Supplemental 07 N 3 0 3 0 14 0 14 2 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		Y	-				0	N	D	J		М	Α	М	J	J		s			D	J		М	Α	М	J	J	Α	s	B A
F/A-18F Supplemental 07 N 3 0 3 U 1 1 1 1 1 1 1 1 U 1 U U U U U U U U			С	Y	L	L					E												E					_			L
F/A-18E							Т	٧	С	N	В	R	R	Y	N	L	G	Р	Т	٧	С	N	В	R	R	Y	N	L	G	Р	
F/A-18E	5/4 405 0	-	.	-							1					.													<u> </u>		_
F/A-18E F/A-18E	F/A-18F Supplemental	07	N	3	0	3					1	1		1		1													<u> </u>		0
F/A-18E F/A-18E	F/A-18F	US	N	1/	0	1/1	2	1	2	1		1	2	1	1	1	1	1	1										<u> </u>		0
*Note 1** F/A-18E											1	· '																			0
F/A-18F 99 N 9 0 9							_	_																							
F/A-18F 99 N 9 0 9																															
F/A-18F 99 N 9 0 9	5/4 405																		.						. .						
Note 2 TIEM / MANUFACTURER			4	4																2				2						1	0
TEM/MANUFACTURER		09	IN	9	U	9													-		-	-	'		-	-	-	-			U
TEM/MANUFACTURER																															
TEM/MANUFACTURER																															
Y C T E L A C O N D J F M A U U U U E C O E A E A D O D J F M A U U U U E C O E A E A D O D D J F M A U U U U E C O O E A E A E A P A U U U U E C O O E A E A E A P A U U U U E C O O E A E A E A D O D D D D D D D D D D D D D D D D D											FISC	CAL Y	EAR	2012									F	ISCA	L YEA	R 20	13				
C Y L C O E A E A P A U U U E C O E A E A P A U U U U E C O E A E A P A U U U U E C O E A E A P A U U U U E C O E A E A P A U U U U E C O E A E A P A U U U U E C O C A U U U U U U U U U	ITEM / MANUFACTURER	F	s	Q	D	В		2011					CAL	ENDA	R YE	AR 20	12							CAL	ENDA	R YE	AR 20	13			
F/A-18E 10 N 13 0 13 1 1 2 1 2 1 1 1 1 1 1 1 5 5 6 5 6 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		Υ										М			-							J		М		М	J	-			B A
F/A-18E 10 N 13 0 13 1 1 2 1 2 1 1 1 1 1 1 5 5 6 5 1 1 1 1 1 1 1 1 1 1			C	Y	-	-	C				E																				L
F/A-18F 10 N 5 0 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1							Ľ	٧	C	N	В	ĸ	K	Ť	N	L	G	۲	<u> </u>	٧	U	IN	5	ĸ	ĸ	T	N	_		۲	_
F/A-18F 10 N 5 0 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	F/A-18F	10	N	13	0	13	1	1	2	1	2	1	1	1	1	1	1		1												0
													<u>'</u>		'	! '	-	1													0
F/A-18E 11 N 14 0 14						1																									
 F/A-18E																															
			4																2	2				1	1	1	1	1	1	1	0
F/A-18F 11 N 3 0 3 1 1 1 1 1	F/A-18F	11	N	3	0	3				<u> </u>	1			1		-			-		1	1	1						-		0
										1						1			1												

Remarks:

Note 1: Planned procurement of 18 EA-18G aircraft in FY 2008 will deliver in FY 2010. This brings the yearly contractual procurement quantity of the MYP to 42 aircraft.

Note 2: Planned procurement of 22 EA-18G aircraft in FY 2009 will deliver in FY 2011. This brings the yearly contractual procurement quantity of the MYP to 45 aircraft.

Appropriation/Budget Activity
Production Rate
Manufacturer's Name and Location MSR ECON MAX to Oct 1 Oct 2004 Mfg PLT Mfg PLT Total Measurable McDonnell Douglas Aerospace 42 48 72 0 2 33 35 37 E McDonnell Douglas Corp. (Boeing) St. Louis, MO. 63165 St. Louis, MO. 63165 St. Louis, MO. 63165 St. Louis, MO. Fiscal year 2014 St. Louis, MO. Calendar year 2014 St. Louis, MO. Calendar year 2015 St. Louis, MO. Calendar year 2016
McDonnell Douglas Corp. (Boeing) St. Louis, MO. 63165 St. Loui
St. Louis, MO. 63165 St. Louis, MO. 63165
TIEM / MANUFACTURER F S Q D B 2013
TEM/MANUFACTURER
Y V T E A O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N B R R Y N L G P T V C N B R R Y N L G P T V C N B R R Y N L G P T V C N B R R Y N L G I
A-18E
/A-18E 12 N 10 0 10 1 1 1 1 1 1 1 1 1 0 1 1 1 1 1
74-101 12 N 12 U 12 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
FISCAL YEAR 2016 FISCAL YEAR 2017
ITEM / MANUFACTURER F S Q D B 2015 CALENDAR YEAR 2016 CALENDAR YEAR 2017
Y V T E A OND J F M A M J J A S OND J F M A M J J A S
C Y L L C O E A E A P A U U U E C O E A E A P A U U U U
T V C N B R R Y N L G P T V C N B R R Y N L G I
emarks:

BUDGET PRODUCTION SCH	DULE	, P-21																Date							UAR	Y 20	800			
Appropriation/Budget Activity													Weap		-					n No										
Aircraft Proc	ureme	nt, Nav	y/ Con	nbat Ai	rcraft,								F/		8E/I							18E/	F (F	IGH	TER) HC	DRN	ET (MYI	?)
						PF	ROD	UCT	IOI	I RA	TE					cure														
			nufactu			١			٠.,				T Pri			T Af			nitia			eord							t of	
Item F414-GE-400 ENGINE		Name ENERA	and Lo		<u></u>		SR_	EC		MA 14		to	Oct '	1		Oct 1	l		fg P 27	LI	M	fg P 24	LI		Tota 29	ll .		Mea	sure)
(F/A-18 AIRCRAFT)	GE		YNN, N		CO	8	4	12	:0	14	4		U			<u> </u>			21			24			29					
(ITA-10 AIRCRAIT)			1 1414, 14	<u> </u>																										
										FISC	AL YE	EAR	2006									FISC	CAL Y	/EAR	2007					
ITEM / MANUFACTURER	F	s	Q	D	В		2005					(CALENI	DAR	YEA	R 200	6						CA	LEND	AR Y	EAR :	2007			
	Υ	V	T Y	E L	A L	0	N	D	J	F	М	A		J	J	A	S	0	N	D	J	F	М	Α	М	J	J	A	s	B A
			ı '	_	_	C T	0 V	E	A N	E B	A R	P R		U N	U L	U G	E P	C T	0 V	E	A N	E B	A R	P R	A Y	U	U L	U G	E P	L
F414-GE-400 Installs (FY06)	06	N	76	0	76																4	5	6	8	4	6	7	8	8	20
										FISC	AL Y	EAR	2008						ı			FISC	CAL Y	/EAR	2009					
ITEM / MANUFACTURER	F	s	Q	D	В		2007					(CALENI	DAR	YEA	R 200	8						CA	LEND	AR Y	EAR :	2009			
	Υ	V	T Y	E L	A L	0	N	D	J	F	М	Α	м	J	J	Α	s	0	N	D	J	F	М	Α	M	J	J	Α	s	B A
		·	'		_	C T	0 V	E	A N	E B	A R	P R		U N	U L	U G	E P	C T	0 V	E	A N	E B	A R	P R	A Y	U	U L	U G	E P	L
																=														
F414-GE-400 Installs (FY06)	06	N	76	56	20	8	8	4																l						0
F414-GE-400 Installs (FY07)	07	N	68	0	68				4	4	5	8	5	5	6	7	8	6	6	4										0
F414-GE-400 Installs (FY07 Suppl)	07	N	6	0	6																						1	1		4
(· · · · · · · · · · · · · · · · · · ·			_																											
F414-GE-400 Installs (FY08)	08	N	48	0	48																3	1	3	3	4	4	3	4	5	18
																								-						

Remarks

Beginning in FY 2006, engines for EA-18G and spares are procured with the above F/A-18E/F install engines on the same contract.

BUDGET PRODUCTION SC		_E, P-2	1														Date						EBR	UAR	Y 20	800			
Appropriation/Budget Activity													Weap		-	em	P-1		n No										
Aircraft Pro	curem	ent, Na	avy/ Co	mbat A	Aircraft								F/A		8E/F					18E/	/F (F	IGH	TER) HC	RN	ET (MYP))	
						PF	ROD	UC	TION	N RA	TE				Proc		_												
			nufactu			١		l		١			T Prio		ALT			Initia			Reor						Unit		
Item			and Lo			_	SR		ON			to	Oct 1			2004	I.	1fg P	<u>'LI</u>	IV	lfg P		-	Tota	l		Meas		
F414-GE-400 ENGINE	GI		L ELEC		CO	8	4	12	20	14	4		0	_		5		27			24			29			E	<u>: </u>	
(F/A-18 AIRCRAFT)			YNN, N	IA						1				-															_
														-															_
								•		FISC	CAL Y	EAR	2010								FIS	CAL Y	/EAR	2011				\top	
ITEM / MANUFACTURER	F	s	Q	D	В		2009)				_	CALEND	AR	YEAR	2010						C/	LEND	AR YI	EAR :	2011			
	Υ	V C	T Y	E L	A L	0	N	D	J	F	М	Α		J		A S	0	N	D	J	F	М	Α	M	J	J	Α	5	B A
		`	l '	_	-	C T	O V	E	A N	E B	A R	P R		Ŋ		U E G P	C	0 V	E	A N	E B	A R	P R	A Y	U	U L	U G	E í	L
														Ħ													\vdash	\dashv	
F414-GE-400 Installs (FY07 Suppl)	07	N	6	2	4	1	1		1	1																			0
																											\sqcup		
																	-						1				\sqcup	_	_
F414-GE-400 Installs (FY08)	80	N	48	30	18	6	6	6									-						1				\vdash		0
														-									1				\vdash	_	_
F414-GE-400 Installs (FY09)	09	N	46	0	46				3	3	4	4	4 4	4	4	4 4	4	4	4										0
2 22 200 2 (22)																													
F414-GE-400 Installs (FY10)	10	N	36	0	36												-			2	2	2	4	4	3	3	3	3 9	9
F414-GE-400 Installs (FY10)	10	IN	36	U	36									-							2	3	4	4	3	3	3	3	9
										FISC	CAL Y	EAR									FIS		/EAR						
ITEM / MANUFACTURER	F Y	S V	Q T	D E	B A		2011	1		1			CALEND				1					T	ALENE		EAR 2				В
	1	č	Ϋ́	Ĺ	Ĺ	O C	N O	D E	J	F	M A	A P	M .	J		A S U E	C	N O	D E	J A	F	M	A P	M A	J	J	A U	5	Α
						T	v	c	N	В	R	R		N		G P	Ť	v	C	N	В	R	R	Y	N	Ĺ	G	P	L
F414-GE-400 Installs (FY10)	10	N	36	27	9	3	3	3																			$\sqcup I$		0
														-						1			1				$\vdash \vdash$	\perp	
E414 CE 400 Installa (EV44)	11	N	34	0	34				2	2	2	2	2 .	3	3	3 3	3	3	3								\vdash	$ \vdash$	0
F414-GE-400 Installs (FY11)	11	IN	34	U	34						3	3	3 :	3	3	3 3	3	3	3								\vdash		U
														1			1											=	
F414-GE-400 Installs (FY12)	12	N	44	0	44									j			Ī			3	4	4	4	4	4	3	4	4 1	10

Remarks:

Beginning in FY 2006, engines for EA-18G and Spares are procured with the above F/A-18E/F install engines on the same contract.

BUDGET PRODUCTION S		LE, P-2	21															Date						EBR	UAF	RY 2	800			_
Appropriation/Budget Activi	ty												Wea	apor	ı Sys	stem)	P-1	Item											
Aircraft Pi	ocurem	ent, N	avy/ Co	ombat /	Aircraf	t, (B	A-1))					F	7/A- 1	8E/	F			F	'/A-1	8E/	F (F	IGH	TER) H(ORN	ET ((MYF	P)	
						PF	ROD	UCT	101	I RA	TE				Pro	cure	eme	nt Le	eadti	mes										
		Ма	nufactu	ırer's								AL	T P	rior	AL	T A	fter		Initia	ıl	R	eorc	der					Un	it of	
Item			and Lo			M:	SR	EC	ON	MA	٩X	to	Ос	t 1	O	ct 20	04	М	fg P	LT	М	fg P	LT		Tota	al		Mea	asure	е
F414-GE-400 ENGINE	GE			CTRIC	СО	8	4	12	20	14	4		0			5			27			24			29				E	
(F/A-18 AIRCRAFT)		L	YNN, N	/IA																										
									_	FISC	AL Y	'EAR	2013									FISC	CAL	/EAR	2014					
ITEM / MANUFACTURER	F	s	Q	D	В		2012	2				_	CALE	NDA	R YEA	R 201	13						CA	LENE	AR Y	EAR	2014		1	
	Y	V C	T Y	E L	A L	0	N	D	J	F	M	Α	М	J	J	Α	S	0	N	D	J	F	М	Α	M	J	J	Α	S	B
				_	_							P R	A Y	U	U L	U	E P	C T	0 V	E	A N	E B	A R	P R	A	U	U	U	E	L
	-		1	1		T V C N B R							·			Ŭ			•					Ë	-		┢	<u> </u>	-	┢
F414-GE-400 Installs (FY12)	12	N	44	34	10	4	3	3																1				+		0
,						0 4 3 3																						1		
						4 3 3																								
						4 3 3																		1				<u> </u>		0
																								1				+		1
																												+		0
																								1				+		Ť
										FISC	AL Y	'EAR	2015									FISC	CALY	/EAR	2016					
ITEM / MANUFACTURER	F	s	Q	D	В		2014	ļ					CALE	ENDA	R YEA	R 201	15						C	ALENI	OAR Y	'EAR	2016			1
	Υ	٧	T	E	A	О	N	D	J	F	М	Α	М	J	J	Α	s	0	N	D	J	F	М	Α	М	J	J	Α	s	B A
		С	Υ	L	L	C T	O V	E	A N	E B	A	Р	A	U	U	U	E P	C T	0 V	E C	A N	E B	A R	P R	A	U	U	U	E P	Ĺ
						<u> </u>	V	С	N	В	R	R	Y	N	L	G	Р		V	C	N	В	ĸ	К	Y	N	┡	G	Р	▙
																												\vdash		_
																												+		0
	-																										1	+		1
																								1				+-		0
																												+		
	1																							1			1	+		1
	1																							1			l	+		0
	1																										l	+		Ť
	1		1		 									1							1			1		1	f	+		1

Remarks:

Beginning in FY 2006, engines for EA-18G and spares are procured with the above F/A-18E/F install engines on the same contract.

CLASSIFICATION: UNCLASSIFIED

BUDGET ITEM JU	STIFICATION S	HEET						DATE:			
	P-40								FEBRU	ARY 2008	
APPROPRIATION/BU	DGET ACTIVITY					P-1 ITEM NOM	IENCLATURE				
Aircraft Procurem	ent, Navy/ Con	nbat Air	craft, (BA-1)			F/A-18E/F A	DVANCE PR	OCUREMEN	T (MYP)		
Program Element f	or Code B items	i:				Other Relate	d Program El	ements			
020	04136N					0604269N,	0305207N, 06	604270N, 020	4154N		
	Prior	ID								То	
	Years	Code	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	Complete	Total
COST (In Millions)	\$1,353.21 7	A	\$52.582	\$46.501	\$42.61 6	\$41.508	\$40.538				\$1,576.962

DESCRIPTION:

The F/A-18E/F Naval Strike Fighter is a twin-engine, mid-wing, multi-mission tactical aircraft. F/A-18E/F can be missionized through selected use of external equipment to accomplish specific fighter or attack missions. This capability allows the Operational Commander more flexibility in employing his tactical aircraft in a dynamic scenario. The primary design mission for the F/A-18E/F is a strike fighter which includes the traditional applications, such as fighter escort and fleet air defense, combined with the attack applications, such as interdiction and close air support. Since the same airframe systems are used on attack missions as well as fighter missions, excellent fighter and self defense capability is retained.

BASIS FOR FY 2009 BUDGET REQUEST:

Funding is requested to procure long lead items for 18 F/A-18E/F aircraft in FY2010.

DD Form 2454, JUN 86 P-1 SHOPPING LIST ITEM NO. 5 PAGE NO. 1 OF 3

Exhibit P-10 Advance Procurent	nent Req	uirements	Analysis			Date:						
(Page 1 - Funding)						FEBRUARY	2008					
Appropriation (Treas) Code/CC	/BA/BSA	/Item Con	trol Number			P-1 Line Iter	m Nomencla	ature				
Aircraft Procurement, Navy/A	PN-1, Fi	ghter/Atta				F/A-18E/F A						
Weapon System				First System	n (BY1) Awa	rd Date		Interval bety	veen Systen	ns		
F/A-18E/F									1 1/2 \	Neeks		
		(\$ in Mi	llions)									
		When	Prior								То	
	PLT	Rqd	Years	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	Complete	Total
End Item Qty			352	37	24	23	18	17	22			493
CFE- Airframe T.L.	35		721.4	41.0	34.7	32.0	30.9	30.7				890.7
EOQ/Long Lead (Prior Years)			274.2									274.2
FOR FY 2004 Long Lead			67.8									67.8
FOR FY 2004 EOQ			22.2									22.2
TOTAL EOQ/Long Lead	Var.	Var.	364.2									364.2
GFE - F414 Eng T.L.	24		237.7	10.5	8.9	8.1	7.9	7.9				281.2
GFE - ALE-50 IMPLC		Var.	8.4									8.4
FOR FY 2008 EOQ			3.2									3.2
FOR FY 2009 EOQ			2.7									2.7
FOR FY 2010 EOQ			3.0									3.0
FOR FY 2011 EOQ			1.9									1.9
GFE - Other	Var.	Var.	10.7	1.1	2.9	2.5	2.7	1.9				21.7
Total AP			1353.2	52.6	46.5	42.6	41.5	40.5				1577.0
TOTAL AF			1333.2	52.0	40.3	42.0	41.3	40.5				1377.0

NARRATIVE DESCRIPTION:

This line item funds long-lead requirements for the F/A-18E/F production program. From FY2004-FY2008, Airframe/CFE requirements are calculated on a termination liability basis through 31 October of the following fiscal year. This reflects the contractor's funding requirements for the procurement of long-lead parts and material necessary to protect the delivery schedule. Other Government Furnished Equipment (GFE) requirements are determined on a fully loaded basis, procuring the long-lead quantity needed to protect the production schedule.

P-1 SHOPPING LIST ITEM NO. 5

This does not contain Advanced Procurement for the FY07 Supplemental aircraft procurement.

PAGE NO. 2 OF 3

Exhibit P-10 Advance Pro	ocurement	t Requirer	nents Analys	is			Date:		
(Page 2 - Budget Justific	ation)							FEBRUARY 2008	
Appropriation (Treasury)	Code/CC/	/BA/BSA/I	tem Control I	Number	Weapon System		P-1 Line Item Nome	enclature	
Aircraft Procurement, N	lavy/APN	-1, Fighte	er/Attack Aire	craft	F/A-18E/F		F/A-18E/F ADVAN	CE PROCUREMENT	(MYP)
					(TOA, \$ in Millions)	·		
	PLT	QPA	Unit Cost	FY 2008 for FY 2009 Qty	FY 2008 Contract Forecast Date	FY 2008 Total Cost Request	FY 2009 for FY 2010 Qty	FY 2009 Contract Forecast Date	FY 2009 Total Cost Request
End Item		N/A		ĺ		N/A			•
Long Lead-Airframe	35		N.A.	T.L. for 23	Nov-07	34.7	T.L. for 18	Nov-08	31.3
GFE - Engine - T.L.	24		N.A.	T.L. for 46	Feb-08	8.9	T.L. for 36	Feb-09	8.8
GFE -IMPLC ALE-50			N.A.						
GFE - Other	Var.	Var.	N.A.	Var.	Var.	2.9	Var.	Var.	2.5
Total AP						46.5			42.6

Description:

		BUDGET IT	TEM JUSTIF P-40	FICATION S	HEET				DATE:	Februa	ry 2008		
APPROPRIATION/BUDGET AIRCRAFT PROCUREMENT	_	1	OMENCLA 35 JOINT S		ITER								
Program Element for Code B 0604800N	Items:		•	Elements									
0604800N 0207142F/0604800F Prior Years ID Code FY 2006 FY 2007 FY 2008 FY 2009 FY 2010 FY 2011 FY 2012 FY 2013 To Complete Program													
Quantity		В			6	8	18	19	40	42	547	680	
Net P-1 Cost (\$M)					1,105.044	1,602.084	3,101.768	2,780.982	4,975.623	4,832.161	59,781.673	78,179.335	
Advance Proc (\$M)				124.498	118.790	258.814	232.626	420.265	408.809	430.658	4,471.514	6,465.974	
WPN Sys Cost (\$M)				124.498	1,223.834	1,860.898	3,334.394	3,201.247	5,384.432	5,262.819	64,253.187	84,645.309	
Initial Spares (\$M)					.000	35.128	230.912	174.837	255.853	350.513	4,050.389	5,097.632	
Proc Cost (\$M)				124.498	1,223.834	1,896.026	3,565.306	3,376.084	5,640.285	5,613.332	68,303.576	89,742.941	
Unit Cost (\$M)					203.972	237.003	198.073	177.689	141.007	133.651	124.869	131.975	

Description: The Joint Strike Fighter program will develop and field a family of aircraft that meets the needs of the USN with the Carrier Variant (CV), USAF with the Conventional Take Off and Landing (CTOL) variant, and USMC with the Short Take-Off and Vertical Landing (STOVL) variant, and allies, with optimum commonality among the three variants to minimize life cycle costs. This is a joint program with no executive service. The F-35 is the next generation of strike fighters which has increased aeroperformance, stealth signature and countermeasures. Its advanced avionics, data links and adverse we ather precision targeting incorporates the latest technology available. The F-35 has increased range with internal fuel and includes superior weaponry over existing aircraft. The highly supportable, affordable, state of the art aircraft commands and maintains global air superiority. The production cost and quantities are interdependent due to one manufacturer for the program. USAF regular procurement commenced in FY07, DON regular procurement commences in FY08.

BASIS FOR FY2009 BUDGET REQUEST: Funds are requested to procure 8 STOVL (Short Take-Off, Vertical Landing) Joint Strike Fighter aircraft for the Marine Corps, with associated support.

Exhibit	P-5 Cost Analysis	Weapon System						DATE:		
		F-35 JOINT STRIKE	FIGHTER						Februa	ry 2008
	PRIATION/BUDGET ACTIVITY	ID Code		P-1 ITEM NO	MENCLATUR	E				
AIRCRAF	FT PROCUREMENT,NAVY/BA 1	В					014700, F-35 JOI	NT STRIKE FIGHT	TER	
					Dollars in Tho	ousands				
Cost	Element of Cost	Prior Years	FY	2006	FY:	2007	FY 2	2008	FY 2	2009
		QTY: 0	QTY:	0	QTY:	0	QTY:	6	QTY:	8
		Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost
1	AIRFRAME/CFE						120,398	722,387	97,888	783,107
2	CFE ELECTRONICS						35,942	215,654	31,350	250,800
3	GFE ELECTRONICS									
4	ENGINES / ENGINE ACC						29,599	177,596	27,556	220,447
5	ARMAMENT									
	INSTRUMENTS									
7	OTHER GFE									
8	REC FLYAWAY ECO						10,268	61,610	5,996	47,970
	Rec Flyaway Cost	0		0		0	196,208	1,177,248	162,791	1,302,32
10	NON-RECURRING							13,051		264,03
	ANCILLARY EQUIPMENT							27,327		32,20
	MISCELLANEOUS							21,021		02,200
	Total Flyaway Cost	0		0		0	202,938	1,217,626	199,821	1,598,566
14	AIRFRAME PGSE							1,886		51
15	ENGINE PGSE							364		(
16	AVIONICS PGSE							473		(
17	PEC TRNG EQ							5,643		52,24
18	PUBS / TECH DATA							779		5,823
19	Other ILS							164		11,40
	FACILITIES MANAGEMENT							0		(
21	FIELD ACTIVITIES							0		(
	PRODUCTION ENG SUPPORT							2,608		52,320
23	MISCELLANEOUS SUPPORT									(
24	Support Cost	0		0		0		11,916		122,30
25	Gross P-1 Cost	0		0		0		1,229,542		1,720,874
26	Adv Proc Credit							-124,498		-118,79
27	Net P-1 Cost	0		0		0		1,105,044		1,602,084
28	Adv Proc CY					124,498		118,790		258,81
29	Weapon System Cost	0		0		124,498		1,223,834		1,860,89
30	Initial Spares							0		35,12
31	Procurement Cost	0		0		124,498		1,223,834		1,896,026

^{**} Note: Procurement and Spares Cost to Complete is based on SAR-06 cost model.

BUDGET PROCUREMENT HISTOR	Y AND F	PLANNING E	EXHIBIT (P-5A)			Weapon System		A. DA	ΓΕ	
						F-35 JOINT STRIKE FIGHTER			Februa	y 2008
B. APPROPRIATION/BUDGET AC	TIVITY				C. P-1	ITEM NOMENCLATURE			SUB	HEAD
AIRCRAFT PROCUREMENT, NAVY	/BA 1				F-35 JO	INT STRIKE FIGHTER			S	IJF
P-5A AIRFRAME/CFE										
				RFP Issue	Contract Method &		Award	Date of First	Tech Data Available	Date Revisions
Cost Element/Fiscal Year	Qty	Unit Cost	Location of PCO	Date	Туре	Contractor and Location	Date	Delivery	Now	Available
AIRFRAME/CFE					00	LOCKUEED MADTIN CORPORATION FORT				
FY 07 Advance Procurement for FY 08			NAVAIR	Mar-06	SS- CPIF/AF	LOCKHEED MARTIN CORPORATION, FORT WORTH, TX	Jul-07		No	Aug-07
FY2008	6	156,340	NAVAIR	Mar-06	SS- CPIF/AF	LOCKHEED MARTIN CORPORATION, FORT WORTH, TX	Jul-08	Sep-10	Yes	
FY 08 Advance Procurement for FY 09			NAVAIR	Feb-07	SS- CPIF/AF SS-	LOCKHEED MARTIN CORPORATION, FORT WORTH, TX LOCKHEED MARTIN CORPORATION, FORT	Mar-08			
FY 2009	8	129,238	NAVAIR	Feb-07	CPIF/AF SS-	WORTH, TX LOCKHEED MARTIN CORPORATION, FORT	Jan-09	Mar-11	Yes	
FY 09 Advance Procurement for FY 10			NAVAIR	Feb-08	CPIF/AF	WORTH, TX	Jan-09			
FY 2010	18	124,656	NAVAIR	Feb-08	SS- CPIF/AF	LOCKHEED MARTIN CORPORATION, FORT WORTH, TX	Jan-10	Jan-12	Yes	
D. Remarks:	1		1							

BUDGET PROCUREMENT HISTORY	and f	PLANNING E	EXHIBIT (P-5A)			Weapon System		A. DA	ΓE	
						F-35 JOINT STRIKE FIGHTER				ruary 200
B. APPROPRIATION/BUDGET ACTIV	/ITY				C. P-1	ITEM NOMENCLATURE			SUB	HEAD
AIRCRAFT PROCUREMENT,NAVY/BA	\ 1				F-35 JO	INT STRIKE FIGHTER			S	IJF
P-5A ENGINES / ENGINE ACC										
Cost Element/Fiscal Year	Qty	Unit Cost	Location of PCO	RFP Issue Date	Contract Method & Type	Contractor and Location	Award Date	Date of First Delivery	Tech Data Available Now	Date Revisions Available
ENGINES										
FY 07 Advance Procurement for FY 08 FY 2008 LRIP II	6	20 500	NAVAIR		SS- CPIF/AF SS- CPIF/AF	UNITED TECHNOLOGIES CORPORATION, PRATT & EAST HARTFORD, CT UNITED TECHNOLOGIES CORPORATION, DRATT & FACT HARTFORD, CT	Aug-07		No	Aug-07
FT 2008 LRIP II		29,599	NAVAIR	Feb-06	SS-	PRATT & EAST HARTFORD, CT UNITED TECHNOLOGIES CORPORATION,	Jun-06	Apr-10	Yes	
FY 08 Advance Procurement for FY 09 LRIP III			NAVAIR	Feb-07	CPIF/AF	PRATT & EAST HARTFORD, CT	Jun-08			
FY 2009 LRIP III	8	3 27,556	NAVAIR	Feb-07	SS- CPIF/AF SS-	UNITED TECHNOLOGIES CORPORATION, PRATT & EAST HARTFORD, CT UNITED TECHNOLOGIES CORPORATION,	Jan-09	Apr-10	Yes	
FY 09 Advance Procurement for FY 10			NAVAIR	Feb-08	CPIF/AF	PRATT & EAST HARTFORD, CT	Feb-09	1		
FY 2010	18	3 23,295	NAVAIR	Feb-08	SS- CPIF/AF	UNITED TECHNOLOGIES CORPORATION, PRATT & EAST HARTFORD, CT	Jan-10	Apr-11	Yes	
D. Remarks: Engine delivery is 1 per aircraft										

(Exhibit P-5A)

	IATION/BUDGET ACTIVITY																	DATE		Febr	ruary	200	8							
APPROPRIATION/BUDGET AC	ft Procurement, Navy BA-1 - Combat Aircraft 014700, F-35 JOINT STRIKE FIGHTER Production Rate Manufacturer's Name and Location MSR ECON MAX E Lockheed Martin 6 12 16 FT. Worth, TX FT. Worth, TX C C O N D J F N C C O N D J F N C C O E A E A C O E A B A E A B A B A B A <t< td=""><td>-</td><td>stem</td><td>1</td><td></td><td>ITEM</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>														-	stem	1		ITEM											
Aircraft Procurement, Na	raft Procurement, Navy BA-1 - Combat Aircraft 014700, F-35 JOINT STRIKE FIGHTER Production R Manufacturer's Name and Location MSR ECON														JS				5 (JSF		OIN	TS	TRIK	(E F	IGH	TER	}			
014700, F-35 JOINT	STRIK						Prod	duct	ion [Rate								ent L	eadtin											
													ΤPι		ΑL	LT A	fter		Initial		R	eorc	ler					Un	it of	
				ocatio	n	MS	SR					to	Oct	: 1		Oct	1	N	lfg PL	T	M ⁻	fg P	<u>LT</u>	•	Tota	ıl			sure)
Airframe	Lockh	need N	<i>l</i> artin			6	6	12	2	16	ò		7			6			40			35			41			Ε		
	FT. V	Vorth,	TX																											
											F	ISCAL	. YEA	R 200	16							FISC	AL YE	AR 20	007					
ITEM / MANUFACTURER	F	S	Q	D	В						CAI	END	AR YE	EAR 2	006				2006				CA	LEND	AR YI	EAR 2	007			
	Υ					0	N	D	J	F	М	Α	М	J	J	Α	S	0	N	D	J	F	М	Α	М	J	J	Α	S	В
		С	Υ	L	L	С		Ε	Α		Α	Р	Α	U	U	U	Е	С	0	Е	Α	Е	Α	Р	Α	U	U	U	Е	A L
						Т	V	С	N	В	R	R	Υ	N	L	G	Р	Т	V	С	N	В	R	R	Υ	N	L	G	Р	
Airframe LRIP I -A	07	^ -	_	0	_																									2
AIIITAME LRIP I -A	07	AF		U																										
										FISC	AL YI	EAR 2	2008									FISC	AL YE	AR 20	009					
ITEM / MANUFACTURER	F	S	Q	D	В	:	2007						CALE	ENDAI	R YE	AR 20	80						CA	LEND	AR YI	EAR 2	009			
	Υ	V	T	E	A	0	N	D	J	F	М	Α	M	J	J	Α	s	0	N	D	J	F	М	Α	М	J	J	Α	s	B A
		С	Υ	L	L	C T	0 V	E C	A N	E B	A R	P R	A Y	U N	U L	U G	E P	C T	O V	E C	A N	E B	A R	P R	A Y	U N	U L	U G	E P	L
AIRFRAME						'	V	C	IN	В	ĸ	ĸ	Ť	IN	_	G	Р		V	C	IN	В	K	ĸ	ř	IN	_	G	Ρ	
AIRFRAME																														
Airframe LRIP I -A	07	AF	2	0	2																									2
Aiframe LRIP II -B	08	N	6	0	6										Α															6
Aiframe LRIP II -A	08	AF	6	0	6											1														6
Airframe LRIP III -B	09	N	8	0	8																Α									8
Airframe LRIP III -A	09	AF	8	0	8																									8
Remarks:																														

Alpha designation indicates variant under LRIP: A=CTOL(Air Force), B=STOVL (Marine Corp.), C=CV (Navy).

																		DATE		Febr	ruary	200	8							
APPROPRIATION/BUDGET A	Procurement, Navy BA-1 - Combat Aircraft O14700, F-35 JOINT STRIKE FIGHTER Production Rate Manufacturer's MSR ECON M. Lockheed Martin 6 12 1 FT. Worth, TX FT. Worth, TX FISCAL MANUFACTURER F S Q D B 2009 T Y V T E A O N D J F Y V T E A O N D J F T V C O E A E D N B														-	stem			ITEM											
					Airc	raft							F	-35	JSF				5 (JSI		OIN	T S	TRIK	(E F	IGH	TER				
014700, F-35 JOIN	IT STRIK	E FIG	HTEF	₹			Prod	duct	ion F	Rate					Pro	ocur	eme	nt L	eadtir	nes										
		Mar	ufactu	ırer's							Α	۱LT	Pri	or	ΑL	T Af	ter		Initia		R	eord	ler					Uni	t of	
Item	1	Name	and L	ocatio	n	MS	SR	EC	ON	MAX		to O	ct	1	(Oct 1	1	N	lfg PL	T	M ⁻	fg P	LT		Tota	ı		Mea	sure	ڊ
Airframe	Lock	need N	Martin			6				16		7	7			6			40			35			41			Е		
		,																												
									F	ISCAL Y	FAR 2	2010										FISC	AI YF	AR 2	011					
ITEM / MANUFACTURER	F	s	O	D	В		2009			IOO/ (L T			СДІ	I ENIT	MRΥ	/EAR	2010					1 100/			AR YE	ΔR 20	011			i
	•		_	_				_	. 1			T T						_				_	I						0	В
		C			L			_	-		A P			J	U	A U	S E	0 C	N O	D E	J A	F E	M A	A P	M A	U	J	A U	S E	A
														N	Ĺ	G	P	Т	V	C	N	В	R	R	Y	N	Ĺ	G	P	L
AIRFRAME											+		\dashv	#														\longrightarrow		_
Airframe LRIP I -A	07	AF	2	2	0				1	1																				0
Airframe LRIP II -B											1		\dashv				1	1	1	1	1	1								0
Airframe LRIP II -A	08	AF	6	6	0						1	1 1	1	1	1	1	1											i		0
Airframe LRIP III -B	09	N	8	0	8																		1	1	1	1	1	1	2	0
Airframe LRIP III -A	09	AF	8	0	8						ı												1		1		1	1		4
Airframe LRIP IV -B	10	N	14	0	14				Α																					14
Airframe LRIP IV -C	10	N	4	0	4				Α																					4
Airframe LRIP V -B	11	N	13	0	13																Α									13
Airframe LRIP V -C	11	N	6	0	6																Α									6
										FISCAL	YEAF	₹ 201	2									FISC	AL YE	AR 20	013					l
ITEM / MANUFACTURER	F	s	Q	D	В	:	2011					CA	LEN	NDAR	YEA	AR 20	12						CA	LEND	AR YE	AR 20	013			i
	Υ	V	Т	Е	Α	О	N	D	J	FΛ	л А	A N	1	.i	J	Α	S	О	N	D	J	F	М	Α	М	л	л	Α	S	В
		С	Υ	L	L	C	0	E	A	E /				Ŭ	Ŭ	Ü	E	C	Ö	E	A	E	A	Р	Α	Ü	Ü	Ü	E	A
						Т	V	С	Ν	B F	R	R Y	1	Ν	L	G	Р	Т	V	С	Ν	В	R	R	Υ	Ν	L	G	Р	-
AIRFRAME																														
Airframe LRIP III -A	09	AF	8	4	4	2	1	1																						0
Airframe LRIP IV -B	10	N	14	0	14				1	1 1	1 1	1 1	1	1	1	2	1	1	1	2										0
Airframe LRIP IV -C	10	N	4	0	4				1	1 1	1 1	1																		0
Airframe LRIP IV -A	10	AF	12	0	12				1	1 1	1 1	1 1	1	1	1	1	2	2												0
Airframe LRIP V -B	11	N	13	0	13																1	1	1	1	1	1	1	1	1	4
Airframe LRIP V -C	11	N	6	0	6																1	1	1		1	1	1			0
Airframe LRIP V -A	11	AF	24	0	24																1	1	2	2	2	2	2	2	2	8
Airframe LRIP VI -B	12	N	25	0	25				Α																					25
Airframe LRIP VI -C	12	N	15	0	15				Α																					15
Airframe LRIP VI -A	12	AF	42	0	42									[42
Airframe LRIP VII -B	13	N	25	0	25						\perp		_	[Α									25
Airframe LRIP VII -C Airframe LRIP VII -A	13 13	N AE	17 48	0	17 48						\perp		_								Α									17 48
Remarks: Alpha designation in		AF		0																										40

Remarks: Alpha designation indicates variant under LRIP: A=CTOL(Air Force), B=STOVL (Marine Corp.), C=CV (Navy).

BUDGET PRODUCTION SCHE	Name Production Rate Production Produc																	DATE		Febr	ruary	200	8							
APPROPRIATION/BUDGET ACT	TEM														-	stem			ITEM	NO	MEI	NCL	ATL							
Aircraft Procurement, Na	vy B	A-1 -	Con	nbat	Airc	raft						ı	F	-35	JSF	=		F-3	5 (JSF	-) J	OIN	T S	TRIK	(E F	IGI	HTER	ł			
014700, F-35 JOINT \$	014700, F-35 JOINT STRIKE FIGHTER Production Rate Manufacturer's MSR ECON MAX to Oct Item Pratt & Whitney 8 15 20 7															ocur	eme	nt L	eadtin	nes										
		Man	ufactu	ırer's								AL	T Pr	ior	AL	T Af	ter		Initial		R	eorc	ler					Un	it of	
Item	١	Name	and L	ocatio	n	MS	SR	EC	ON	MA	X	to	Oct	1		Oct 1	1	N	lfg PL	Т	M	fg P	LT		Tot	al		Mea	sure)
Engine						8	3	1:	5	20	j		7			8			31			22			30)		Е		
	East I	Hartfo	rd, C1																											
	FISCAL YEAR 2006																									<u> </u>				
	ITEM / MANUFACTURER F S Q D B CALENDAR YEAR 2006																					FISC	AL YE	AR 2	007					1
ITEM / MANUFACTURER	/ MANUFACTURER																	2006				CA	LEND	AR \	YEAR 2	.007				
	Υ						-			S	О	N	D	J	F	М	Α	М		J	Α	S	B A							
		C	ī	_	A R	P R	A Y	U N	U L	U G	E P	C T	O V	E C	A N	E B	A R	P R	A Y		U	U G	E P	L						
ENGINE							Ţ	_		-	$\stackrel{\cdot \cdot \cdot}{-}$	- 			_		·		•	Ů	-	_			Ė	- —	Ë	<u> </u>	$\dot{oldsymbol{eta}}$	-
																										+ 1		<u> </u>		
Engine LRIP I -A	07	AF	2	0	2																									2
																														1
											_	 															<u> </u>	—	 	-
											_	 															<u> </u>	\vdash		
									\vdash		-	 														+-	1	+		
										FISC/	AL YE	EAR 2	800									FISC	AL YE	AR 2	009					
ITEM / MANUFACTURER	F	S	Q	D	В		2007					-	CALE	NDA	R YEA	R 200	08						CA	LEND	AR \	YEAR 2	.009			l
	Υ	٧	T	E	Α	0	N	D	J	F	М	Α	М	J	J	Α	S	0	N	D	J	F	М	Α	М	J	J	Α	S	B A
		С	Υ	L	L	C T	0 V	E C	A N	E B	A R	P R	A Y	U N	U L	U G	E P	C T	O V	E C	A N	E B	A R	P R	A Y		U L	U G	E P	L
ENGINE						<u>'</u>	V	U	IN.	В	K		1	IN		G	F	-	v	C	IN	ь	K	K	<u>'</u>		Ë			
ENGINE									\vdash		-	 														+-	1	+		
Engine LRIP I -A	07	AF	2	0	2																					1	1	<u> </u>		0
Engine LRIP II -B	08	N	6	0	6									Α																6
Engine LRIP II -A	80	AF	6	0	6																									6
Engine LRIP III -B	09	N	8	0	8							 									Α						<u> </u>	—	 	8
Engine LRIP III -A	09	AF	8	0	8				\vdash	\vdash	\dashv	\vdash													-	+	\vdash	+		8
Remarks:									ш													1	1		1					_

311 / 244

P-1 SHOPPING LIST ITEM NO. 6 PAGE 7 of 8

Alpha designation indicates variant under LRIP: A=CTOL(Air Force), B=STOVL (Marine Corp.), C=CV (Navy).

Exhibit P-21 Production Schedule

BUDGET PRODUCTION SCH			1														DATE		Feb	ruary	200	8							
APPROPRIATION/BUDGET A												We	apor	ı Sy	sten	n	P-1	ITEM	I NC	MEN	ICL	ΑTL	JRE						
Aircraft Procurement, N					Airc	raft							F-35	JS	F		F-35	JS	F) J	OIN.	rs	TRIŁ	KE F	IGH	TER				Į
014700, F-35 JOIN	T STRIK	KE FIG	HTEF	7			Pro	duct	ion I	Rate				Pr	ocu	reme	ent Le	eadtir	nes										
		Mar	nufacti	ırer's							AL	TP	rior	AL	_T A	fter		Initia		Re	eorc	ler					Un	it of	
Item		Name	and L	ocatio	n	M	SR	EC	ON	MAX	to	Oc	t 1		Oct	1	М	fg PL	Т		gР			Tota	al		Mea		
Engine		& Wh					3	1		20		7			8			31			22			30			F		
		Hartfo		Т		<u> </u>						•			Ŭ		<u> </u>	<u> </u>											
	Last	riartic	nu, O	!		1					1												1						
											1																		
									F	ISCAL YE	AR 20	10								ı	ISC	AL YE	AR 2	011					$\overline{}$
ITEM / MANUFACTURER	F	S	Q	D	В		2009					CAL	ENDA	R YE	AR 20	010						CA	LEND	AR YI	EAR 2	011			1
i	Υ	V	Т	Ε	Α	0	N	D	J	F M	Α	М	J	J	Α	S	0	N	D	J	F	М	Α	М	J	J	Α	S	В
1		С	Υ	L	L	С	0	Е	Å	E A	Р	Α	Ŭ	Ŭ	U	Е	С	0	Е	A	Ε	Α	Р	Α	Ü	Ŭ	U	E	A L
						Т	V	С	Ν	B R	R	Υ	N	L	G	Р	Т	V	С	N	В	R	R	Υ	N	L	G	Р	
ENGINE																													
Engine LRIP II -B	08	N	6	0	6						2	2	1	1															0
Engine LRIP II -A	80	AF	6	0	6	1	1	1	1	1 1																			0
Engine LRIP III -B	09	N	8	0	8						1	1	1	1	1	1	1	1											0
Engine LRIP III -A	09	AF	8	0	8								1		1		1	1	1	1	1	1							0
Engine LRIP IV -B	10	N	14	0	14				Α														1	1	1	1	1	1	8
Engine LRIP IV -C	10	N AF	4 12	0	4 12				Α		1												1	1	1	1	_	4	0
Engine LRIP IV -A Engine LRIP V -B	10 11	AF N	13	0	13															Α			1	1	1	1	1	1	6 13
Engine LRIP V -B Engine LRIP V -C	11	N	6	0	6						1									A									6
Eligilie Eltii V -C	+ ''	IN	U	U	U																								Ů
										FISCAL \	/EAR									f	ISC		AR 20						1
ITEM / MANUFACTURER	F	S	Q	D	В		2011	1		1		CAL	ENDA	R YE	AR 20	012			1			CA	LEND	AR YI	EAR 2	013		1	l _ '
	Υ	V	T Y	E	A I	0	N	D	J	F M		М	J	J	Α	S	0	N	D	J	F	М	Α	M	J	J	Α	S	B A
		C	Y	L	L	C T	O V	E C	A N	E A B R	P R	A Y	U N	U L	U G	E P	C T	0 V	E	A N	E B	A R	P R	A Y	U N	U L	U G	E P	L
ENGINE						'	V	C	IN	БК	K	ī	IN	_	G	Г	'	v	C	IN	ь	К	K	,	IN	_	6	Г	
Engine LRIP IV -B	10	N	14	6	8	1	2	1	1	1 2	1												1				├		0
Engine LRIP IV -B Engine LRIP IV -A	10	AF	12	6	6	1	1	2	2	1 2	1																+		0
Engine LRIP IV -A Engine LRIP V -B	11	N N	13	0	13	 	'				1	1	1	1	1	1	1	1	1	1	1	2	1—				-		0
Engine LRIP V -C	11	N	6	0	6	1					1	1	1	<u> </u>	1	1	1	'	-	'	-		1				-		0
Engine LRIP V -A	11	AF	24	0	24	1					1	1	2	2	2	2	2	2	2	3	4	1	1				-		0
Engine LRIP VI -B	12	N	25	0	25	1			Α		1	!	-	l -		-	-	_		Ĭ	•	<u> </u>	2	2	2	2	2	2	13
Engine LRIP VI -C	12	N	15	0	15				Α		t				+								1	1	1	1	1	1	9
Engine LRIP VI -A	12	AF	42	0	42						1				1	1							3	3	3	4	4	4	21
Engine LRIP VII -B	13	N	25	0	25						1				1	1				Α									25
Engine LRIP VII -C	13	N	17	0	17	l					1									Α			l						17
Engine LRIP VII -A	13	AF	48	0	48	l					1				1								l						48

Remarks: Alpha designation indicates variant under LRIP: A=CTOL(Air Force), B=STOVL (Marine Corp.), C=CV (Navy).

DD Form 2445, JUL 87 P-1 SHOPPING LIST

311 / 244 ITEM NO. 6 PAGE 8 of 8 Exhibit P-21 Production Schedule

BUDGET ITEM J	JSTIFICATI	ON SHE	ET						DATE:			
P-40										Febr	uary 2008	
APPROPRIATION/BL	JDGET ACTIV	ITY					P-1 ITEM NO	MENCLATURE			•	
Aircraft Procurer	nent, Navy/	Budget	t Activity 1				014700, F-3	35 JOINT S	TRIKE FIGH	TER ADVA	NCE PROCU	REMENT
Program Element for	Code B Items:						Other Related	Program Elen	nents			
0604800N							0207142F /	0604800F				
	Prior	ID									То	
	Years	Code	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	Complete	Total
COST												
(In Millions)		В		124.498	118.790	258.814	232.626	420.265	408.809	430.658	\$4,471.514	6,465.974

MISSION AND DESCRIPTION:

The Joint Strike Fighter program will develop and field a family of aircraft that meets the needs of the USN with the Carrier Variant (CV), USAF with the Conventional Take Off and Landing (CTOL) variant, and USMC with the Short Take-Off and Vertical Landing (STOVL) variant, and allies, with optimum commonality among the three variants to minimize life cycle costs. This is a joint program with no executive service. The F-35 is the next generation of strike fighters to command and maintain global air superiority. Advance procurement funding will support Airframe and Engine Termination Liability, and long-lead parts and materials necessary to protect the delivery schedule of the FY09 JSF aircraft buy.

BASIS FOR FY 2009 BUDGET REQUEST: FY 2009 Advance Procurement funding is requested for the long-lead requirements associated with procurement of 18 JSF aircraft in FY 2010.

DD Form 2454, JUN 86 P-1 SHOPPING LIST ITEM NO. 7 Page 1 of 3

UNCLASSIFIED

Exhibit P-10 Advance	e Procure	ement Re	quirements A	nalysis		Date:	February 2008					
(Page 1 - Funding) Appropriation (Treas)) Code/C	CC/BA/BS	SA/Item Cont	trol Number			m Nomenclature					
Aircraft Procure	ement,	Navy /I	Budget Act	tivity 1			T STRIKE FIGH PROCUREMEN					
Weapon System				First System	ı (BY1) Awaı	rd Date		Interval Bety	ween Systems			
JOINT STRIKE FIG	GHTER											
						(\$ in Million	is)					
	PLT	When Rqd	Prior Years	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total
End Item Qty					6	8	18	19	40	42	547	680
CFE - Airframe TL	35			84.659	80.777	175.994	158.186	285.780	277.990	292.847	2,933.600	4,289.833
CFE - Engine TL	22			39.839	38.013	82.820	74.440	134.485	130.819	137.811	1,380.518	2,018.745
EOQ												
Other												
Total AP				124.498	118.790	258.814	232.626	420.265	408.809	430.658	4,471.514	6,465.974

Description:

Advance procurement funding in FY 2009 will support Airframe and Engine Termination Liability, long-lead parts, and materials necessary to protect the delivery schedule of the FY10 JSF aircraft procurement.

P-1 Shopping List Item No. 7

Exhibit P-10, Advance Procurement Funding Page 2 of 3

UNCLASSIFIED

Exhibit P-10 Advance Procu (Page 2 - Budget Justificatio		rements A	nalysis				Date:	February 2008	
Appropriation (Treasury) Co Aircraft Procurement, Nav	ode/CC/BA/BS		ontrol Number	r	Weapon System JOINT STRIKE FIG		P-1 Line Item Not F-35 JOINT ST	omenclature RIKE FIGHTER A	.DV PROC
				(T	OA, \$ in Millions)				
	PLT	QPA	Unit Cost	FY 2008 for FY 2009 Qty	FY 2008 Contract Forecast Date	FY 2008Total Cost Request	FY 2009 for FY 2010 Qty	FY 2009 Contract Forecast Date	FY 2009Total Cost Request
End Item		<u> </u>			'	<u> </u>			
CFE - Airframe	+	<u> </u>							
TERM LIABILITY	35				March-08	80.777		January-09	175.994
GFE		<u> </u>		<u> </u>	<u> </u> '	 '			
EOQ			 	<u> </u>	 !	 	 	 	
CFE - Engine	+	+'	<u> </u>	<u> </u>	<u> </u>		<u> </u>		
TERM LIABILITY	22				June-08	38.013		February-09	82.820
GFE		<u> </u>							
EOQ		 	<u> </u>		<u> </u> '	 '		<u> </u>	<u>, </u>
		+'			 '	 '		 	
Total Advance Proc		+			-	118.790			258.814
Description:						<u> </u>			

P-1 Shopping List Item No. 7

Exhibit P-10, Advance Procurement Funding Page 3 of 3

		BUDGET IT	TEM JUSTIF P-40	ICATION SI	HEET				DATE:	Februar	y 2008
APPROPRIATION/BUDG	-						P-1 ITEM N		_	D)	
AIRCRAFT PROCUREME							016400, V-2	22 (MEDIUN	TLIFT) (MY	P)	
Program Element for Code	e B Items:						0206121M,	1110011F,	1160404BB		
	Prior Years	ID Code	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Program
Quantity	88	Α	14	21	30	30	30	30	30	135	408
Net P-1 Cost (\$M)	8,410.094		1,364.146	1,746.775	2,133.401	2,217.029	2,122.637	2,234.228	2,195.195	10,259.282	32,682.786
Advance Proc (\$M)	581.457		193.264	199.334	87.000	84.334	81.878	195.999	95.702	372.551	1,891.519
WPN Sys Cost (\$M)	8,991.551		1,557.410	1,946.109	2,220.401	2,301.363	2,204.515	2,430.227	2,290.897	10,631.832	34,574.305
Initial Spares (\$M)	628.437		51.296	26.518	39.767	53.925	30.886	26.829	22.850	262.340	1,142.848
Proc Cost (\$M)	9,619.988		1,608.706	1,972.627	2,260.168	2,355.288	2,235.401	2,457.056	2,313.747	10,894.172	35,717.153
Unit Cost (\$M)	109.318		114.908	93.935	75.339	78.510	74.513	81.902	77.125	80.698	87.542

Description

The V-22 is a tilt-rotor vertical takeoff and landing aircraft currently being developed for joint service application. The program is being designed to provide an aircraft to meet the amphibious/vertical assault needs of the Marine Corps, the strike rescue needs of the Navy, and supplement USSOCOM special mission aircraft. The aircraft will be capable of flying 2,100 miles with one refueling, giving the Services the advantage of a Vertical/Short Takeoff and Landing (V/STOL) aircraft that could rapidly self-deploy to any location in the world.

The current procurement objective is 458: 360 MV-22 Marine Corps aircraft, 48 HV-22 Navy aircraft, and 50 CV-22 aircraft for USSOCOM (funded by USSOCOM and the Air Force). The program successfully completed Milestone III in the 1st Quarter of 2006.

Basis for FY 2009 Budget Request: provides funding to procure 30 MV-22's with support.

NOTE: The V-22 program includes a multi-year procurement contract beginning in FY08 with EOQ funding in FY07 Advanced Procurement.

- 1. FY2007 funding total includes \$71.0M received in GWOT supplemental.
- 2. FY2008 funding totals do not include \$140.5M previously requested for current FY2008 GWOT requirements.

(Exhibit P-40)

Exhibit	P-5 Cost Analysis	Weapon System						DATE:	
		V-22 (MEDIUM LIFT)						February 2008	
APPR	OPRIATION/BUDGET ACTIVITY	ID Code		P-1 ITEM NOM	IENCLATURE				
AIRCRA	FT PROCUREMENT,NAVY/BA 1	A		V-22 (MEDIUM LIF	=T)				
					Dollars in Thou	usands			
_									
Cost	Element of Cost	Prior Years	FY 2	2007	FY 2	2008	FY 2	2009	
		OTV: 00	OTV:	4.4	OTV:	21	OTV:	20	
		QTY: 88	QTY:	14	QTY:		QTY:	30	
		Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	
	1 AIRFRAME/CFE	6,184,182	63,439	888,148	61,125	1,283,616	58,025	1,740,747	
	2 CFE ELECTRONICS								
	GFE ELECTRONICS	55,706	986	13,810	1,031	21,660	1,054	31,617	
	4 ENGINES / ENGINE ACC	344,858	4,300	60,200	4,424	92,909	4,521	135,618	
	5 ARMAMENT								
	INSTRUMENTS								
-	7 OTHER GFE	479	198	2,769	206	4,320	210	6,306	
	REC FLYAWAY ECO	94,422	1,069	14,966	1,246	26,161	1,180	35,403	
9	Rec Flyaway Cost	6,679,647	69,992	979,894	68,032	1,428,667	64,990	1,949,691	
10	NON-RECURRING	434,128		109,271		138,650		36,018	
1	1 ANCILLARY EQUIPMENT	25,744		1,316		2,945		1,398	
1:	2 RESOLUTION MATRIX	223,784		97,354					
1:	Total Flyaway Cost	7,363,303	84,845	1,187,835	74,774	1,570,262	66,237	1,987,106	
14	4 AIRFRAME PGSE	213,129		40,857		53,600		55,407	
1:	5 ENGINE PGSE	6,096		742		1,491		382	
10	6 AVIONICS PGSE	207,572		30,594		38,304		30,972	
1	7 PEC TRNG EQ	228,225		40,736		36,084		90,671	
	B PUBS / TECH DATA	108,883		6,375		8,806		6,733	
	OTHER ILS	328,097		79,594		83,947		43,242	
	FACILITIES MANAGEMENT	323,337		7 0,004		00,047		10,2 12	
	1 FIELD ACTIVITIES								
	2 PRODUCTION ENG SUPPORT	238,306		43,955		43,461		44,452	
	3 FY89 Funding	231,400		40,900		70,701		77,702	
	4 Support Cost	1,561,708		242,851		265,693		271,860	
24	TOURPOIT OUST	1,301,706		242,031		200,093		27 1,000	
21	5 Gross P-1 Cost	8,925,011		1,430,686		1,835,955		2,258,966	
	6 Adv Proc Credit	-514,917		-66,540		-89,180		-125,565	
	7 Net P-1 Cost	8,410,094		1,364,146		1,746,775		2,133,401	
	B Adv Proc CY	581,457		1,364,146		1,746,775		2,133,401 87,000	
				·		•		2,220,401	
	9 Weapon System Cost	8,991,551		1,557,410		1,946,109		* *	
	O Initial Spares	628,437		51,296		26,518		39,767	
3	1 Procurement Cost	9,619,988		1,608,706		1,972,627		2,260,168	

BUDGET PROCUREMENT HISTORY	AND P	LANNING E	XHIBIT (P-5A)			Weapon System		A. DAT		
B. APPROPRIATION/BUDGET ACTIV	/ITY				C. P-1	V-22 (MEDIUM LIFT) ITEM NOMENCLATURE		Februar		HEAD
AIRCRAFT PROCUREMENT,NAVY/B/	\ 1				V-22 (M	EDIUM LIFT)			U1	CW
Cost Element/Fiscal Year	Qty	Unit Cost	Location of PCO	RFP Issue Date	Contract Method & Type	Contractor and Location	Award Date	Date of First Delivery	Tech Data Available Now	Date Revisions Available
AIRFRAME/CFE	Qty	Crint Goot	Location of 1 GO	Bate	Турс	Contractor and Eccation	Bute	Delivery	NOW	Available
FY 2007	14	4 63,439	NAVAIR		SS-FFP SS-	BELL BOEING JOINT PROJECT OFFICE, AMARILLO, TX BELL BOEING JOINT PROJECT OFFICE,		Oct-08	YES	
FY 07 Advance Procurement for FY 08			NAVAIR	Nov-06	FPI/MYP	AMARILLO, TX	Apr-07		YES	
FY 2008	2	61,125	NAVAIR	Jul-06	SS- FPI/MYP SS-	BELL BOEING JOINT PROJECT OFFICE, AMARILLO, TX BELL BOEING JOINT PROJECT OFFICE.	Feb-08	Jan-10	YES	
FY 08 Advance Procurement for FY 09			NAVAIR	Jul-06	FPI/MYP	AMARILLO, TX	Feb-08		YES	
FY 2009	30	58,025	NAVAIR		SS-	BELL BOEING JOINT PROJECT OFFICE, AMARILLO, TX BELL BOEING JOINT PROJECT OFFICE,		Nov-10	YES	
FY 09 Advance Procurement for FY 10			NAVAIR	Jul-06	FPI/MYP	AMARILLO, TX	Dec-08		YES	
ENGINES FY 2007	28	3 2,150	NAVAIR	Jul-06	SS-FFP	ROLLS-ROYCE CORP, INDIANAPOLIS, IN	Aug-07	Jan-08		
FY 2008	42	2,212	NAVAIR	Jul-06	SS-FFP	ROLLS-ROYCE CORP, INDIANAPOLIS, IN	Jan-08	Apr-09		
FY 2009	60	2,260	NAVAIR	Jul-06	SS-FFP	ROLLS-ROYCE CORP, INDIANAPOLIS, IN	Dec-08	Feb-10		
D. Remarks:										

BUDGET PRODUCTION SCH APPROPRIATION/BUDGET AG												Near	on	Syct	om		P-1	ΓE: ͺ	reb	ruary	y 20	00		—			—		
AIRCRAFT PROCUREME			/RA	I- Co	mha	t Δircı	aft				V-22		JUIT	Sysi	em		P-1		016	400,	V-2) (N	/FD	шм	ΙŒ	T۱			
AIRORAI I I ROGGREINE		A V 1/			IIIDU		oduc	tion I	Rate					Proc	uren	nent	Lea			700,	V - Z	-2 (1		1011		•,_			_
	ı	Man	ufactu	ıror'e			I	lioni	Naic		ΔΙ	T Pri			T Af		_	nitia		D	eord	or				ı	Lin	it of	_
Itom	١,			ocatio	n	MSR		ON	M/	^ ~		Oct			Oct 1			fg PL			g P			Tota	, I		_		
Item	+ '	vame	and L	ocalio	П	IVISK	-	JOIN	IVI	4۸	10	Oct	<u> </u>		JULI		IVII	ig Pi	_!_	IVII	y P	<u> </u>		Tota	ı.l		Mea	Sure	<u>e</u>
Airframe	Bell-E	Boeino	1			11	.3	32	44	4		5			5						33			38			Fa	ach	_
	Patux			ЛD			Ť			•											-								
			,																										
																													_
								F	ISCAL	YEA	R 2006										FISC		EAR						Ι
ITEM / MANUFACTURER	F	S	Q	D	В	200	5		1 1	C	ALEND/	AR YEA	AR 20	06				2006		,		CA	LEND	AR YI	EAR 2	2007			1
	Υ	V C	T Y	E L	A L	O N		J	F	М	Α	М	J	J	Α	S	0	N	D	J	F	М	Α	М	J	J	Α	S	ĺ
		Ü		-	-	C O		A N	E B	A R	P R	A Y	U N	U L	U G	E P	C T	0 V	E C	A N	E B	A R	P R	A Y	U N	U L	U G	E P	
sirframe (Lot 3)	99	М	7	3	4																			_	\vdash				t
sirframe (Lot 4)	00	М	11	1	10								1					1		1			1			1			T
sirframe (Lot 7)	03	M	11	8	3	2 1																							
sirframe (Lot 8)	04	M	9	0	9		1	1	1	1			1	1	1	1	1												
hirframe (Lot 8)	04	Α	2	0	2				1				1																
Airframe (Lot 9)	05	M	8	0	8													1	1	1		1	1	1	1		1		
sirframe (Lot 9)	05	Α	3	0	3														1		1			L		1	ļ'		1
sirframe (FY06 Suppl)	06	М	3	0	3																			Α					╂
sirframe (Lot 11)	07	M	13	0	13		Α																		\vdash				t
virframe (Lot 11 Title IX Suppl)	07	M	1	0	1																			Α	-				t
hirframe (Lot 12)	08	М	21	0	21																		Α						t
,																													İ
									FIS	CAL '	YEAR 2	800									FISC	CAL Y	EAR	2009					I
ITEM / MANUFACTURER	F	S	Q	D	В	200	7			C	ALEND	AR YEA	AR 20	80				2008				CA	LEND	AR YI	EAR 2	2009			
	Υ	V	T	E	A	O N	D	J	F	М	Α	М	J	J	Α	S	0	N	D	J	F	М	Α	М	J	J	Α	S	
		С	Υ	L	L	C O		A N	E B	A R	P R	A Y	U N	U L	U G	E P	C T	0 V	E C	A N	E	A R	P R	A Y	U	U L	U G	E P	
sirframe (Lot 3)	99	М	7	3	4	1 V	С	IN	D	К	r.	ī	IN	_	G	г	_	V	C	IN	В	К	1		N 1	_	1	г	ł
sirframe (Lot 4)	00	M	11	6	5	1		1	1		1	1			1			1					l	\vdash	\vdash		\vdash		t
virframe (Lot 10)	06	М	9	0	9	1 1	_		1	1		1	1		1	1													t
virframe (FY06 Suppl)	06	М	3	0	3			l																					t
virframe (Lot 10)	06	Α	2	0	2		1	1			1			1											H				t
virframe (Lot 11)	07	М	13	0	13			l									2	1	1		2	1	1	1	1	2		1	t
virframe (Lot 11)	07	Α	2	0	2			l											1					1					t
hirframe (Lot 11Title IX Suppl)	07	М	1	0	1																							1	t
Airframe (Lot 12)	08	М	21	0	21																								t
hirframe (Lot 13)	09	М	30	0	30				Α																				T
hirframe (Lot 14)	10	М	30	0	30														Α										t
																													t

Previous editions are obsolete

P-1 SHOPPING LIST

311/244 Exhibit P-21 Production Schedule

BUDGET PRODUCTION SCH APPROPRIATION/BUDGET A AIRCRAFT PROCUREM	CTIVITY		/D A 4	Co	mbat			.£1				V-22	Neap	on	Syst	tem		DA ⁻ P-1	ITE	ΜN	OME	NC	LAT	_			- \		
AIRCRAFT PROCUREN	ENI, N	AV I/	DA I	- C0	mpat	AII			ion F	Pata		V-22		_	Proc	urer	nant	دم ا			400,	, V-2	.2 (N	IED	IUM	LIF	1)		
Item	ı		ufactu and L		n	M	SR		3-5	M	٩X		T Prid	or	AL	T At	ter	ı	nitia fg Pl	l		eord fg P			Tota	ıl		Uni Mea	
Airframe	Bell-E	Boeing]			1	1	3:	2	44	4		5			5						33			38			Ea	ıch
	Patu	kent R	iver, M	1D																									
									FI	SCAL	YEAF	R 2010										FISC	CAL Y	EAR	2011				$\overline{\mathbf{T}}$
ITEM / MANUFACTURER	F Y	S V C	Q T Y	D E L	B A L	0 C T	2009 N O V	D E C	J A N	F E B	M A R	ALENDA A P R	R YEA M A Y	J U N	10 J U L	A U G	S E P	0 C T	N O V	D E C	JAN	F E B	M A R	A P R	M A Y	J U N	011 J U L	A U G	S E P
AIRFRAME						·			.,					.,			·	·	·		.,								
Airframe (Lot 3) Airframe (FY06 Suppl)	99	M	7	6	3	1	1	1																					
Airframe (Lot 12)	08	М	21	0	21				2	2	2	3	1	3	1	3	2	2											
Airframe (Lot 12)	08	Α	6	0	6			1			1		1		1		1		1										
Airframe (Lot 13)	09	М	30	0	30														2	3	2	3	2	3	2	3	2	3	2
Airframe (Lot 13)	09	Α	6	0	6																1		1		1		1		1
Airframe (Lot 15) Airframe (Lot 16)	11 12	A A	30 30	0	30 30			Α												Α									3
										FIS		YEAR 2										FISC	CAL Y						
ITEM / MANUFACTURER	F Y	S V C	Q T Y	D E L	B A L	0 C T	N O V	D E C	J A N	F E B	M A R	ALENDA A P R	R YEA M A Y	J U N	J U L	A U G	S E P	O C T	012 N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	013 J U L	A U G	S E P
Airframe (Lot 13) Airframe (Lot 13)	09 09	M	30	27 5	3	3																							-
Airframe (Lot 14)	10	A M	6 30	0	30		2	2	3	2	3	2	3	3	2	3	2	3											
Airframe (Lot 14)	10	Α	5	0	5			1		1		1		1			1												
Airframe (Lot 15)	11	М	30	0	30														2	2	3	2	3	2	3	3	2	3	2
Airframe (Lot 15)	11	Α	5	0	5															1		1		1			1		1
Airframe (Lot 16)	12	М	30	0	30																							\Box	3
Airframe (Lot 16)	12	Α	5	0	5																								
Airframe (Lot 17)	13	М	30	0	30			Α																					3
Airframe (Lot 17)	13	Α	5	0	5																					1		\longrightarrow	

311 / 244

Previous editions are obsolete

Exhibit P-21 Production Schedule

Previous editions are obsolete

311 / 244 Exhibit P-21 Production Schedule

BUDGET PRODUCTION SCH APPROPRIATION/BUDGET A Aircraft Procurement, N	CTIVITY		omb	at Ai	rcraf	ft						V-22	Veap	oon	Syst	em			ΓΕ: I ITEN	M N	OME	NC	LAT			IUM	LIF	T)		
•	· ,						Pro	ducti	ion F	Rate					Proc	urer	nent	Lea	dtim					<u> </u>						
Item	1		ufactu and L		n	M	SR	1-8		MA	٩X		Γ Prid Oct			T Af Oct			nitial fg PL			eord fg Pl			Tota	al		Un Mea	it of asure	
Engine		n Eng napoli:	ine Co s, IN	o.(Roll	s Roy	ce)				88	3		5			3			28			14			17			Ea	ach	
																									_					
ITEM / MANUFACTURER	F	S	Q	D	В		2009		FI	ISCAL		R 2010 ALENDA	R YEA	R 20)10				2010			FISC		EAR		EAR 2	2011			
	Y	V C	T Y	E L	A L	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J L	A U G	S E P	0 C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L
Engine (Lot 12)	08	М	42	26	16	2	6	4	4																					0
Engine (Lot 12)	08	A	12	6	6	2	U	2	4	2																				0
Engine (Lot 13) Engine (Lot 13)	09 09	M A	60	0	60					4	6	4	6	4	6	4	6	4	6	4	6	2								0
Engine (Lot 14)	10	М	60	0	60			Α														4	4	6	4	6	4	6	6	20
Engine (Lot 14)	10	Α	10	0	10																		2		2	-	2		2	2
Engines (Lot 15)	11	М	60	0	60															Α						L				60
								1		FIS		YEAR 2										FISC		EAR 2						4
ITEM / MANUFACTURER	F Y	S V C	Q T Y	D E L	B A L	O C T	N O V	D E C	J A N	F E B	M A R	ALENDA A P R	M A Y	J U N	J U L	A U G	S E P	0 C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L
Engines (Lot 14)	10	М	60	40	20	4	6	4	6																					0
Engines (Lot 14)	10	Α	10	8	2			2																		-				0
Engines (Lot 15) Engines (Lot 15)	11 11	M A	60 10	0	60 10					4	2	6	4 2	6	2	6	6	4	6	2	6									0
Engines (Lot 16) Engines (Lot 16)	12	M A	60	0	60 10			Α														4	4	6	4 2	6	4 2	6	6	20
Engines (Lot 17) Engines (Lot 17)	13 13	M A	60 10	0	60															Α						_				60

Previous editions are obsolete

311 / 244 Exhibit P-21 Production Schedule

		BUDGI	ET ITEM JUST	IFICATION SH	IEET			DATE:			
			P-40					Februa	ry 2008		
APPROPRIATION/BUDG	GET ACTIVI	ΓΥ				P-1 ITEM NON	//ENCLATURE				
Aircraft Procurement,											
Navy/BA-1 Combat											
Aircraft								016400, V	-22 ADVANCE PR	ROCUREMENT	
Program Element for Cod	de B Items:					Other Related	Program Elem	ents			
3							ŭ	0206121	M; 1110011F;	1160404BB	
	Prior	ID								То	
	Years	Code	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	Complete	Total
COST	581.457	Α	193.264	199.334	87.000	84.334	81.878	195.999	95.702	372.551	1,891.519
(In Millions)											

MISSION AND DESCRIPTION:

The V-22 is a tilt-rotor, vertical takeoff and landing aircraft being developed for joint service application. The program is being designed to provide an aircraft to meet the amphibious/vertical assault needs of the Marine Corps, the strike rescue needs of the Navy, and supplement USSOCOM special mission aircraft. The aircraft will be capable of flying 2,100 miles with one refueling, giving the Services the advantage of a Vertical/Short Takeoff and Landing (V/STOL) aircraft that could rapidly self-deploy to any location in the world.

BASIS FOR FY 2009 BUDGET REQUEST:

FY 2009 Advance Procurement funding is requested for the long-lead requirements associated with the procurement of 30 V-22 aircraft in FY 2010. Airframe/CFE requirements are calculated on a termination liability basis, reflecting contractor's funding requirements for procurement of long lead parts and materials necessary to protect the delivery schedule.

DD Form 2454, JUN 86

Exhibit P-10 Advance				ts Analysis		Date:						
(Page 1 - Funding)				,			ary 2008					
Appropriation (Treas							em Nomenci V-22 Advar	ature ice Procurer	nent			
Weapon System				First System (E	3Y1) Award	Date		Interval Bety	veen Systen	ns		
V-22 OSPREY					February 2	2008		1 Month	-			
						(\$ in Millior	าร)					
	PLT	When Rqd	Prior Years	FY2007	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013	To Complete	Total
End Item Qty			88	14	21	30	30	30	30	30	135	408
CFE - Airframe	34	Jan	496.387								353.731	850.118
EOQ/Long Lead												
for FY08				85.137								85.137
for FY09				21.998	95.303							117.301
for FY10				26.205	30.269	78.563						135.037
for FY11				28.565	33.945		75.726					138.236
for FY12				27.316	31.553			73.098				131.967
for FY13									86.655			86.655
for FY14									24.293	72.613		96.906
for FY15									27.586	5.056		32.642
for FY16									48.506	8.899		57.405
for FY17												0.000
Total EOQ/Long												
Lead			0.000	189.221	191.070	78.563	75.726	73.098	187.040	86.568	0.000	881.286
GFE - Engine			8.281									8.281
GFE - Misc	27-32	Various		0.084	0.172	0.175	0.179	0.183	0.186	0.190	0.391	1.561
GFE - Com/Nav	29-32	July		2.204	4.504	4.598	4.691	4.785	4.881	4.979	10.258	40.900
GFE - EW	29-35	Various		1.755	3.588	3.663	3.737	3.812	3.892	3.966	8.171	32.584
GFE - Other Total			76.789	4.043	8.264	8.437	8.608	8.780	8.959	9.134	18.820	151.835
Total AP			581.457	193.264	199.334	87.000	84.334	81.878	195.999	95.702	372.551	1,891.519

Description:

Airframe/CFE requirements are calculated on a termination liability basis, reflecting contractor's funding requirements for procurement of long lead parts and materials necessary to protect the delivery schedule. Increase in Advanced GFE requirements are due to change in contractor schedule in requiring these items in the production line. Contractor has rephased time line incorporating the GFE prior to paint schedule. The change in schedule requires an additional 6 months lead time in shipsets. Milstrip Various items includes Main Battery, FC Battery, Battery Relay Control Unit, MAGR Electrical Mounting Base, MT-3949 Kit-1C Mount, AT-741 B/B Antenna, C-11308/APR-39 Control Detecting Set, IP-1150/APR-39, AS-2390/APR-39, External Power Monitor, Electrical Receptacle Connectors, Standby Compass, Main Mounts, and Nose Mounts.

Select components to facilitate reductions in production set-ups will be procured at economic order quantities (EOQ). Examples of the most advantageous items to procure utilizing EOQ funding include components such as Forward Looking Infrared Sensor (FLIR), Multi-Function displays (MFDs), Interface Units, the Flight control System and various machined parts and hydraulic components.

Exhibit P-10, Advance Procurement Requirements Analysis

CLASSIFICATION: UNCLASSIFIED

Exhibit P-10 Advance P	rocuremen	t Requir	ements Ana	lysis			Date:	February 2008	
(Page 2 - Budget Justific	cation)								
Appropriation (Treasury) Code/CC	C/BA/BS	A/Item Con	trol Number	Weapon System		P-1 Line Item	Nomenclature	
Aircraft Procurement,	Navy/API	N-1 Con	ıbat Aircra	ft	V-22 OSPREY		V-22 Advance	Procurement	
					(TOA, \$ in Milli	ons)			
					FY 2008	FY 2008			
				FY 2008 for					
				FY 2009	Contract	Total Cost	FY 2009 for	FY 2009 Contract	FY 2009Total
	PLT	QPA	Unit Cost	Qty	Forecast Date	Request	FY 2010 Qty	Forecast Date	Cost Request
End Item									
CFE - Airframe	34		TL	TL for 30	Feb-08	191.1	TL for 30	Dec-08	78.6
TERM LIABILITY									
GFE	27-35		Var.	Var.	Var.	8.3	Var.	Var.	8.4
EOQ									
Total Advance Proc						199.3			87.0

Description:

Advance procurement for Bell-Boeing termination liability (TL) required to procure long lead parts and material necessary to build component systems for the V-22 aircraft. EOQ for a multi-year contract is included in FY2008.

Exhibit P-10, Advance Procurement Funding

CLASSIFICATION: UNCLASSIFIED

		BUDGET IT	EM JUSTIF P-40	ICATION S	HEET				DATE:	Februai	ry 2008		
APPROPRIATION/BUDGET AIRCRAFT PROCUREMENT	_	1					P-1 ITEM N 017800, UH		TURE				
Program Element for Code B 0206131M	Code B Items: Other Related Program Elements												
	Prior Years	ID Code	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Program		
Quantity	23	В	11	15	20	28	28	26	27	102	280		
Net P-1 Cost (\$M)	845.605		493.723	415.646	474.141	634.483	636.858	576.801	616.595	2,467.271	7,161.123		
Advance Proc (\$M)											.000		
WPN Sys Cost (\$M)	845.605		493.723	415.646	474.141	634.483	636.858	576.801	616.595	2,467.271	7,161.123		
Initial Spares (\$M)	81.015		41.694	46.317	26.781	9.483	21.528				226.818		
Proc Cost (\$M)	926.620		535.417	461.963	500.922	643.966	658.386	576.801	616.595	2,467.271	7,387.941		
Unit Cost (\$M)	40.288		48.674	30.798	25.046	22.999	23.514	22.185	22.837	24.189	26.386		

Description: The mission of the AH-1Z attack helicopter is to provide rotary wing close air support, anti-armor, armed escort, armed/visual reconnaissance, anti-helicopter and point air defense and fire support coordination during day/night conditions. The mission of the UH-1Y utility helicopter is to provide command and control and combat assault support during day/night and reduced weather conditions. The UH-1Y/AH-1Z remanufacture program was structured as a recapitalization effort to convert 180 AH-1Ws and 100 UH-1Ns into AH-1Zs and UH-1Ys, respectively. Major modifications include: a new 4-bladed rotor system with semiautomatic blade fold of the new composite rotor blades, new performance matched transmissions, a new 4-bladed tail rotor and drive system, upgraded landing gear, and pylon structural modifications. Both aircraft will also incorporate common, modernized and fully integrated cockpits/avionics that will reduce operator work load and improve situational awareness and safety. The UH-1Y/AH-1Z aircraft will have increased maneuverablility, speed, and payload capability. Additionally, the AH-1Z will upgrade the current Night Targeting FLIR system to a 3rd generation, staring, focal plane array FLIR that will significantly extend autonomous weapons engagement ranges.

Basis for Request: Funds are requested in FY 2009 to procure 20 AH-1Z/UH-1Y helicopters.

- 1. FY2007 funding total includes \$118.6M received in GWOT supplemental.
- 2. FY2008 funding totals do not include \$123.4M previously requested for current FY2008 GWOT requirements.

Exhibit	: P-5 Cost Analysis	Weapon	System						DATE:
		UH-1Y/AH							February 2008
APPR(OPRIATION/BUDGET ACTIVITY	ID Code			P-1 ITEM NO	MENCLATURE			
AIRCRA	FT PROCUREMENT,NAVY/BA 1	В			UH-1Y/AH-1Z				
						Dollars in Tho	usands		
						Dollars III Triot	usanus		
Cost	Element of Cost	Prior Ye	ars	FY 2	2007	FY 2	2008	FY 2	2009
		QTY:	23	QTY:	11	QTY:	15	QTY:	20
		Total		Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost
	1 AIRFRAME/CFE		399,801	15,825	174,078	15,362	230,428	15,319	306,38
2	2 CFE ELECTRONICS								
:	GFE ELECTRONICS		23,022	1,776	19,531	1,090	16,351	1,159	23,18
4	4 ENGINES / ENGINE ACC		28,912	1,592	17,509	1,343	20,140	1,281	25,61
į	5 ARMAMENT		706	35	390	47	709	62	1,23
	INSTRUMENTS								•
7	7 OTHER GFE		16,346	568	6,247	987	14,807	507	10,13
8	B REC FLYAWAY ECO		16,821	1,001	11,013	895	13,425	302	6,04
9	Rec Flyaway Cost		485,607	20,797	228,769	19,724	295,861	18,631	372,61
			·					,	·
10	NON-RECURRING		84,064		100,725		6,997		9,62
11	1 ANCILLARY EQUIPMENT		643		30,156		14,959		25,94
	MISCELLANEOUS						,		-7-
	3 Total Flyaway Cost		570,315	32,695	359,650	21,188	317,817	20,410	408,19
			,					,	
14	4 AIRFRAME PGSE		28,858		47,933		27,787		25,83
15	5 ENGINE PGSE		·						•
16	AVIONICS PGSE								
17	PEC TRNG EQ		96,511		27,731		1,571		1,03
18	B PUBS / TECH DATA		51,068		10,832		26,205		8,05
19	OTHER ILS		31,702		25,102		20,304		7,24
20	FACILITIES MANAGEMENT		5,987						
2	1 FIELD ACTIVITIES		·						
	PRODUCTION ENG SUPPORT		61,165		22,477		21,961		23,78
	MISCELLANEOUS SUPPORT		, , , , ,		•		,		, ,
24	4 Support Cost		275,290		134,073		97,829		65,95
			.,		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		,
25	5 Gross P-1 Cost		845,605		493,723		415,646		474,14
	6 Adv Proc Credit		,		,		-,		,
	7 Net P-1 Cost		845,605		493,723		415,646		474,14
	B Adv Proc CY		,5		,. 20				,
	9 Weapon System Cost		845,605		493,723		415,646		474,14
	Initial Spares		81,015		41,694		46,317		26,78
	1 Procurement Cost		926,620		535,417		461,963		500,92
·	Trocaroment cost		020,020		000,		101,000		000,01

BUDGET PROCUREMENT HISTOR	RY AND P	LANNING E	XHIBIT (P-5A)			Weapon System		A. DAT		
B. APPROPRIATION/BUDGET AC	TIVITY					UH-1Y/AH-1Z ITEM NOMENCLATURE		Februar		HEAD
AIRCRAFT PROCUREMENT,NAVY	/BA 1				UH-1Y/ <i>A</i>	NH-1Z			U1	4B
P-5A AIRFRAME/CFE										
Cost Element/Fiscal Year	Qty	Unit Cost	Location of PCO	RFP Issue Date	Contract Method & Type	Contractor and Location	Award Date	Date of First Delivery	Tech Data Available Now	Date Revisions Available
AIRFRAME/CFE										
FY 2007	11	15,825	NAVAIR	Jun-05	C-FFP	BELL HELICOPTER TEXTRON INC, HURST, TX	(Jul-07	Feb-09	YES	N/A
FY 2008	15	5 15,362	NAVAIR	Aug-06	C-FFP	BELL HELICOPTER TEXTRON INC, HURST, TX	(Sep-08	Oct-09	NO	Sep-08
FY 2009	20	15,319	NAVAIR	Aug-06	C-FFP	BELL HELICOPTER TEXTRON INC, HURST, TX	(Jan-09	Oct-10	NO	Jan-09
D. Remarks:	ı	1			1					
Lot 5/FY08 Award: Final Post Opeval Re	eport due A	ug 08. DAB p	lanned for Aug 08,	expected A	DM Sept.	08.				

BUDGET PROCUREMENT HISTORY A	ND P	LANNING E	XHIBIT (P-5A)			Weapon System		A. DAT		
						UH-1Y/AH-1Z		Februar	y 2008	
B. APPROPRIATION/BUDGET ACTIVI	TY				C. P-1	ITEM NOMENCLATURE			SUBI	HEAD
AIRCRAFT PROCUREMENT,NAVY/BA	1				UH-1Y/A	AH-1Z			U1	4B
P-5A ENGINES / ENGINE ACC										
Cost Element/Fiscal Year	Qty	Unit Cost	Location of PCO	RFP Issue Date	Contract Method & Type	Contractor and Location	Award Date	Date of First Delivery	Tech Data Available Now	Date Revisions Available
ENGINES UH-1Y NEW										
FY 2007	18	898	AMCOM	N/A	C-FFP	GENERAL ELECTRIC CO, LYNN,MA	Jul-07	Apr-08	YES	N/A
FY 2008	22	813	AMCOM	N/A	C-FFP	GENERAL ELECTRIC CO, LYNN,MA	Sep-08	Jan-09	NO	Oct-07
FY 2009	26	830	AMCOM	N/A	C-FFP	GENERAL ELECTRIC CO, LYNN,MA	Jan-09	Jan-10	NO	Oct-08
ENGINES AH-1Z REFURB										
FY 2007	4	. 336	NAVAIR	N/A	C-IDIQ	GE ENGINE SERVICES, INC, CINCINNATI, OH	Jul-07	Apr-08	YES	N/A
FY 2008	8	283	NAVAIR	N/A	C-IDIQ	GE ENGINE SERVICES, INC, CINCINNATI, OH	Sep-08	Apr-09	NO	Oct-07
FY 2009	14	. 288	NAVAIR	N/A	C-IDIQ	GE ENGINE SERVICES, INC, CINCINNATI, OH	Jan-09	Apr-10	NO	Oct-08

D. Remarks: Two (2) new engines per airframe are procured for the UH-1Y. AH-1Z utilizes two (2) refurbished AH-1W engines per airframe.

BUDGET PRODUCTION	SCHE	DULE,	P-21											DATE						Febr	uary	200	8							
APPROPRIATION/BUDG	SET AC	TIVITY	′										Wea	pon	Sys	stem		P-1	ITE	ΜN	OME	ENC	LA	TUR	E					
Aircraft Procurement, Na	vy/ BA-	1											UH	I-1Y	/AH	-1Z			UH	-1Y	//AH	l-12	<u> </u>							
	•						Pro	duct	ion F	Rate					Pro	cure	mer	nt Le	adtir	nes										
		Mar	nufactu	ırer's								AL	T Pr	ior	AL	T Af	ter		nitia		R	eord	ler				T	Un	it of	
Item				ocation		M:	SR	EC	ON	M	ΑХ	to	Oct	:1	(Oct 1		M	fg PL	Τ.	M	fg P	LT		Tota	al		Mea	sure)
AH-1Z/ UH-1Y Airframe	Bell H	elicopt	er, Ft.	Worth	TX	1.	2	1	8	2	8		10			3						21			24		₩	!	E	
																											₩			
																											╁	—	—	—
																											+			
					FISC	AL YE	AR 2	007							FIS	CAL \	/EAR	2008												
ITEM / MANUFACTURER	F	S	Q	D					NDAR	_	R 2007									_	EAR				1					
	Y	C	T Y	E L	A L	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J J	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	A Y	N N	U L	A U G	S E P	A L
AH-1Z Airframe	04	N	3	0						1		1													0					
UH-1Y Airframe	04	N	6	0	6			1	1		1			1	1	1												0		
			_	_	_																						<u> </u>		<u> </u>	Ļ
AH-1Z Airframe UH-1Y Airframe	05	N N	3	0	3														1	_	1	1	_	1			_	₩		0
UH-1Y AIMrame	05	IN	4	U	4															1	1		1				\vdash	-	-	0
AH-1Z Airframe	06	N	0	0	0																							-		0
UH-1Y Airframe	06	N	7	0	7																					1	1	1	1	3
																											上		_	
			_	_	_					FIS	CAL Y	EAR 2										FIS		/EAR						l
ITEM / MANUFACTURER	F Y	S V	Q T	D E	B A	0	N	D	J	F	М	Α	M	NDAR J	YEAI J	R 2009	S	0	N	D	J	F	C/ M	ALENE	M M	EAR 2	2010 J	Α	S	В
		Ċ	Y	Ĺ	Ĺ	С	0	Е	Α	Е	Α	Р	Α	U	U	U	Е	C	0	Ε	Α	Ε	Α	Р	Α	U	Ü	U	E	A
AH-1Z Airframe	06	N	0	0	0	Т	V	С	N	В	R	R	Υ	N	L	G	Р	_	V	С	N	В	R	R	Υ	N	╁	G	Р	0
UH-1Y Airframe	06																										t	+	 	0
		06 N 7 4 3 1 1 1																						l			t	1		
AH-1Z Airframe	07	N	2	0	2											1	1													0
UH-1Y Airframe	07	N 2 0 2 N 9 0 9 1										2	1	1	1	1	1											<u> </u>	$ldsymbol{ldsymbol{ldsymbol{eta}}}$	0
																								<u> </u>	<u> </u>		Ł.	₩	₩	Ļ
AH-1Z Airframe	08																	4		1	1	1	1	-	1	1	1	<u> </u>	1	0
UH-1Y Airframe	08	N	11	U	11		-											1		1	1	1	1	1	1	1	⊢	1	1	

BUDGET PRODUCTION	SCHE	DULE,	P-21															DATE						Febr	uary	200	8			
APPROPRIATION/BUDG	DPRIATION/BUDGET ACTIVITY Procurement, Navy/ BA-1													apon	Sys	stem		P-1	ITE	ΜN	OMI	ENC	LAT	URI						
Aircraft Procurement, Nav	y/ BA-1	1											UH	I-1Y	/AH-	-1Z			UH	l-1Y	//Al	H-12	<u> </u>							
							Pro	duct	ion l	Rate	;				Pro	cure	mei	nt Le	adti	mes	,									
Item	Production F Manufacturer's													rior t 1		T Af			Initia fg Pl			eord fg P 21			Tota 24	ıl		Mea		
An-12/ On-11 Alillanie	Dell H	енсорі	ei, ri.	VVOILII	17	- 1	_		0		0		10			3						21			24				E	
	Y V T E A O N D J																											_	_	
ITEM / MANUFACTURER	F S Q D B V T E A O N D A F V C N B O N T V C N B O N T V C N B O N T V C N B O N T V C N B O N T V C N C N C N C N C N C N C N C N C N C													EAR 2		201	1					FIS		EAR:		AR :	2012			
		V	Т	Е	Α	С	0	Е	Α	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L
AH-1Z Airframe	MSR ECON Airframe Bell Helicopter, Ft. Worth TX 12 18 FACTURER F S Q D B O C O E A T V C N T C N T T C O E A T T V C N T T C N T T C O E A T T V C N T T C O E A T T V C N C N T T C C N T T T C C N T T T C C N T T T C C N T T T T													1	1		1													0
UH-1Y Airframe	09	Name and Location Helicopter, Ft. Worth TX S										1	1	1	1	1	2											_		0
AH-1Z Airframe		Name and Location Helicopter, Ft. Worth TX S																1	1	1	1	1	1	1	1	1	1	1	1	0
UH-1Y Airframe	10	N	S Q D B															1	2	1	1	1	2	1	1	2	1	2	1	0
		N 7 0 7 1 1 1 1 1 1 1 N 1 N 13 0 13 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1																												
										FIS	CAL Y											FIS		EAR.						
ITEM / MANUFACTURER	F Y	V	Т	Е	Α	С	0	Е	Α	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U	A U G	S E P	B A L
AH-1Z Airframe	11	N	12	0	12	1				1	1	1	1	1	1	1	1											Ť	Ť	0
UH-1Y Airframe										1	2	1	2	1	1	2	1													0
AH-1Z Airframe																		1	1	1	1	1	1	1	1	1	1	1	1	0
UH-1Y Airframe	12																	1	1	1	1	1	2	1	2	1	2	1		0
	16 14 U 14																												F	

BUDGET PRODUCTION	GET PRODUCTION SCHEDULE, P-21 ROPRIATION/BUDGET ACTIVITY																	DATE						Febi		2008	8			_
APPROPRIATION/BUDG													Wea	apon	Sy	stem		P-1 I	TEN	ΛNO	OME	NCI	_AT	URE						
Aircraft Procurement, Na	vy/ BA-1	1											Uŀ	l-1Y	/AH	-1Z		l	JH-	-1Y	/AH	I-1Z	<u>.</u>							
							Pro	duct	ion F	Rate					Pro	ocure	emer	nt Lea	dtin	nes										
Item		Name	and Lo	ocation							AX	l	T P			LT At			nitial g PL			eord fg P			Tota			Uni Mea	it of sure)
AH-1Z/ UH-1Y Airframe	Bell H	elicopt	er, Ft.	Worth	TX	1	2	1	8	2	8		10			3						21			24			<u>E</u>		
ITEM / MANUFACTURER	F	S	Q	D	В				I					AR 20		R 201	5					FIS		YEAR LEND		EAR :	2016		_	
	Y	V C	T Y	E L	A L	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L
AH-1Z Airframe	ER F S Q D B												2	2	2	2	2													0
UH-1Y Airframe	13	N	4	0	4		1		1			1		1																0
				_	_					FIS	CAL Y											FIS		YEAR						
ITEM / MANUFACTURER		V	Т	E	Α					F E	M A	A P	M A	J U	J U	R 2017 A U	7 S E	O C	N O	D E	J A	F E	M A	ALENI A P	M A	EAR 2	2018 J U	A U	S E	B A
		Ŭ	<u> </u>	_				C		В	R	R	Y	N	Ĺ	G	P	T	V	С	N	В	R	R	Ŷ	N	L	G	P	L

BUDGET PRODUCTION	Procurement, Navy/ BA-1																	DATE						Febr	uary	200	8			
APPROPRIATION/BUDG	SET AC	TIVITY	,										Wea	apon	Sys	stem	1	P-1	ITE	ΜN	OMI	ENC	LA1	UR	E					
Aircraft Procurement, Na	vy/ BA-	1											Αŀ	I-1Z	/UH-	-1Y			UH	-1Y	/AF	H-12	Z							
							Pro	duct	tion	Rate	;				Pro	cure	mer	nt Le	adtir	nes										
Item						M	SR	EC	ON	M	AX		T Pi			T At			nitia fg Pl			eord fg P			Tota	ıl			it of	
Engine T700-GE-401C (with DECU)	Gener	al Elec	ctric, Ly	nn, M	A (UH-1Y)	2	4	3	6	4	8		4			3						13			16				E	
Engine T700-GE-401 (with DECU)	### T700-GE-401 GE Engine Services, Inc, (AH-1Z) 12										4		2			3						16			19	_			E	_
(With DEGG)	DECU) Cincinnati, OH M/MANUFACTURER F S Q D B																										 			_
	Namufacturer's Name and Location MSR ECO ECU																					FIS		'EAR						Г
IIEM / MANUFACTURER	OPRIATION/BUDGET ACTIVITY ft Procurement, Navy/ BA-1 Procurement, Navy/ BA-1 Procurement, Navy/ BA-1 Procurement, Navy/ BA-1 Procurement, Navy/ BA-1 Procurement, Navy/ BA-1 Procurement, Navy/ BA-1 Procurement, Navy/ BA-1 Procurement, Navy/ BA-1 Procurement, Navy/ BA-1 Procurement, Name and Location MSR Procurement, Name and Location MSR Procurement, Navy/ BA-1 Procurement												M	J	J	R 200	S	0	N	D	J	F	CA M	Α	AR YI	J	J	Α	S	В
		С	Y	L	L				A N	E B	A R	P R	A Y	U N	U L	U G	E P	C T	O V	E C	A N	E B	A R	P R	A Y	U N	U L	U G	E P	A L
AH-1Z Engine	Cincinnati, OH											2		2		2														0
UH-1Y Engine	04	N	12	0	12							2	2	2	2	2	2									 	₩	-		0
AH-1Z Engine	Cincinnati, OH / MANUFACTURER																				2	2	2				-			0
UH-1Y Engine	05	N	8	0	8																2	2	2	2			1			0
AH-1Z Engine	06	N	0	0	0																						-			0
UH-1Y Engine	06	N	14	0	14																				2	2	2		2	6
ITEM / MANUIFACTURED	_			-	В				ı	FIS	CAL Y			10.40	\/E 4 F	D 000	•					FIS	_	EAR.						l
TIEM / MANUFACTURER	Y	V C	T Y	E L	A L	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U	A U G	S E P	B A L
AH-1Z Engine	06	N	0	0	0	<u> </u>	V	C	IN	В	K	K	ı	IN	Ė	G	Р	-	v	C	IN	В	K	K	ī	IN	Ė	G	Р	0
UH-1Y Engine	06	N	14	8	6		4	2																		<u> </u>	<u> </u>			0
AH-1Z Engine	07	N	4	0	4							2		2																0
UH-1Y Engine	07	N	18	0	18							2	2	2	2	2	2	2	2	2										0
AH-1Z Engine	08	N	8	0	8																			2		2			2	2
UH-1Y Engine	08	N	22	0	22																2	2	2	2	2	2	2	2	2	4

Two (2) new engines will be procured for the UH-1Y only. The AH-1Z will utilize two (2) refurbished engines from the AH-1W aircraft.

BUDGET PRODUCTION	SCHE	DULE,	P-21															DATE						Febr	uary	200	8			
APPROPRIATION/BUDG	SET AC	TIVITY	,										Wea	apon	Sys	stem	ì	P-1	ITE	ΜN	OMI	ENC	LA1	ΓUR	E					
Aircraft Procurement, Na	vy/ BA-	1											ΑH	I-1Z	/UH-	-1Y			UΗ	-1Y	//Al	H-12	Z							
							Pro	duct	ion l	Rate					Pro	cure	mer	it Le	adtir	nes										
Item	ine T700-GE-401C General Electric, Lynn, MA (UH-1Y) 24 36 DECU													ior 1		T A Oct			nitia fg Pl			eord fg P			Tota	ıl		Mea		
Engine T700-GE-401C (with DECU)	Gener	ral Elec	ctric, Ly	/nn, M/	4 (UH-1Y)	2	4	3	6	48	8		4			3						13			16		L		E	
Engine T700-GE-401 (with DECU)	THEM / MANUFACTURER F S Q D B Y V T E A O N D												2			3						16			19			E	E	
	ECU) T7700-GE-401 GE Engine Services, Inc, (AH-1Z) ECU) Cincinnati, OH A/MANUFACTURER F S Q D B Y V T E A C Y L L C O E A T V C N Engine 08 N 8 6 2 2 2 Engine 19 10 11 18 18 18 19 10 10 11 11 12 18 18 18 19 10 10 11 11 12 18 18 18 18 18 18 18 18 18 18 18 18 18														•							FISC		/EAR			_			
TIEM / MANUFACTURER	Item												M A	Ŋ	J	A U	S E	O C	N O	D E	J A	F E B	M A	A P	M A	J	J	A U	S E	B A
AH-1Z Engine	Namufacturer's Name and Location MSR EC												Υ	N	L	G	Р	Т	V	С	N	В	R	R	Y	N	L	G	Р	0
UH-1Y Engine	Nanufacturer's Name and Location MSR EC																													0
AH-1Z Engine	Item											1	1	2	2	2	2	2	2											0
UH-1Y Engine	UFACTURER F S Q D B Y V T E A C C C S B N B C C C C D B Y C C C C D B C C C C C C C C C C C C C C											2	2	2	2	2	3	2	2	3										0
	Y																													
					_					FISC	CAL Y	EAR :										FISC		/EAR						
ITEM / MANUFACTURER	Y V T E A O N D										M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L
AH-1Z Engine												2	2	2	2	2	2	2	2	2	2	2	2							0
UH-1Y Engine												4	4	4	4	4	4													0
AH-1Z Engine	Engine 10 N 24 0 24																							2	2	2	2	2	2	12
UH-1Y Engine	Y V T E A O N D J C Y L L C O E A Engine 10 N 24 0 24 I I Engine 10 N 32 0 32 I I Engine 11 N 24 0 24 I I																							4	4	4	4	4	4	8
	ngine 10 N 24 0 24 1 1 1 N 24 0 24 1 1 1 N 24 0 24 1 1 1 N 24 0 24 1 1 1 N 24 0 24 1 1 1 N 24 0 24 1 1 1 N 24 0 24 1 1 1 N 24 0 24 1 1 1 N 24 0 24 1 1 1 N 24 0 24 1 1 1 N 24 0 24 1 1 1 N 24 0 24 1 1 1 N 24 0 24 1 1 1 N 24 0 24 1 1 1 N 24 0 24 1 1 1 N 24 0 24 1 1 1 N 24 0 24 1 1 1 N 24 0 24 1 1 1 N 24 0 24 1 1 N 24 0 24 1 1 N 24 0 24 1 N																													
																											Щ	Щ.	Щ.	乚

Two (2) new engines will be procured for the UH-1Y only. The AH-1Z will utilize two (2) refurbished engines from the AH-1W aircraft.

BUDGET PRODUCTION	SCHE	DULE,	P-21															DATI						Febr		200	8			
APPROPRIATION/BUDG	SET AC	TIVITY	,										Wea	apor	ı Sy	stem)	P-1	ITE	ΜN	IOM	ENC	CLA	TUR	E					
Aircraft Procurement, Nav	vy/ BA-	1											Αŀ	1-1Z	/UH	-1Y			UH	լ -1\	//Al	H-1	Z							
							Pro	duct	ion l	Rate	;				Pro	cure	mer	nt Le	adti	mes	;									
Item		Nan	ne and	cturer's Locati	on		SR		ON		AX		T P			₋T A Oct			Initia fg P			leoro	LT		Tota			Mea		
Engine T700-GE-401C (with DECU)	Gener	al Elec	etric, Ly	ynn, M	4 (UH-1Y)	2	4	3	6	4	8		4			3						13			16			E	<u> </u>	
Engine T700-GE-401 (with DECU)	h DECU) Cincinnati, OH										4		2			3						16			19			E	=	
	TEM / MANUFACTURER												2014									FIS	CAL	YEAR	2015					
ITEM / MANUFACTURER	Y V T E A O N D J C Y L L C O E A T V C N														_	R 201								ALENE		1			,	1
	M / MANUFACTURER F S Q D B										A R	A P R	A Y	J U N	J L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J N	J L	A U G	S E P	A L
AH-1Z Engine	DECU Cincinnati, OH																													0
UH-1Y Engine	DECU Cincinnati, OH																													0
AH-1Z Engine	TEM / MANUFACTURER F S Q D B V C O E T V C C Y L 12 12 2 2 2 2 Y Engine 11 N 24 12 112 2 2 2 2 Y Engine 12 N 24 0 24 Y Engine 12 N 28 0 28 Z Engine 13 N 46 0 46											2	3	3	2	3	2	3	3	3										0
UH-1Y Engine	12	N	28	0	28							3	3	3	3	3	3	3	3	2	2									0
AH-1Z Engine	13	N	46	0	46																			4	4	4	4	4	4	22
UH-1Y Engine	13	N	8	0	8																			2		2	2		2	0
										FIS	CALY	ÆAR:	2016									FIS	CAL	YEAR	2017					
ITEM / MANUFACTURER	F	s	Q	D	В									NDAF	YEA	R 201	5				I		_	ALENE		EAR 2	2016			l
	Y V T E A ONDJE									F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L
H-1Z Engine 13 N 46 24 22 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4										3	3																			0
H-1Y Engine 13 N 8 8 0																1												<u> </u>		0
																												_		
		L	l .	ı								I			<u> </u>	1				<u> </u>		1	1		1	<u> </u>	I			Щ

Exhibit P-21 Production Schedule

Two (2) new engines will be procured for the UH-1Y only. The AH-1Z will utilize two (2) refurbished engines from the AH-1W aircraft.

	ŀ	BUDGET IT	EM JUSTIF P-40	ICATION SI	HEET				DATE:	Februai	ry 2008
APPROPRIATION/BUD	GET ACTIVITY						P-1 ITEM N	IOMENCLA [*]	TURE		
AIRCRAFT PROCURE	MENT,NAVY/BA 1						017900, MI	H-60S (MYP))		
Program Element for Co	ode B Items:				Other Relat	ed Program	Elements				
	Prior Years	ID Code	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Program
Quantity	119	Α	18	18	18	18	18	18	18	26	271
Net P-1 Cost (\$M)	2,122.260		456.234	420.677	470.455	415.389	455.169	402.285	367.512	726.862	5,836.843
Advance Proc (\$M)	597.564		90.020	79.496	79.215	78.815	87.838	89.903	91.997	32.093	1,226.941
WPN Sys Cost (\$M)	2,719.824		546.254	500.173	549.670	494.204	543.007	492.188	459.509	758.955	7,063.784
Initial Spares (\$M)	139.681		7.939	8.256	2.005	1.973	1.277	.000	.000	.000	161.131
Proc Cost (\$M)	2,859.505		554.193	508.429	551.675	496.177	544.284	492.188	459.509	758.955	7,224.915
Unit Cost (\$M)	24.029		30.789	28.246	30.649	27.565	30.238	27.344	25.528	29.191	26.660

Description:

The Helicopter Combat Support (HC) mission of the MH-60S is to maintain forward deployed fleet sustainability through rapid airborne delivery of materials and personnel and to support amphibious operations through search and rescue coverage. The primary roles of the aircraft are to conduct vertical replenishment (VERTREP), day/night ship-to-ship, ship-to-shore, and shore-to-ship external transfer of cargo; internal transport of passengers, mail and cargo, vertical onboard delivery (VOD); airhead operations, and day/night search and rescue (SAR). Armed Helo and Organic Airborne Mine Countermeasures (OAMCM) have been added as primary mission areas for the MH-60S, to be completed as block upgrades to the platform. The purpose of the Armed Helo program is to provide Combat Search and Rescue (CSAR), Anti-Surface Warfare (SUW), and Force Protection (FP). The purpose of the OAMCM program is to ensure integration of five separate sensors into the MH-60S helicopter. The AMCM mission will provide Carrier Battle Groups (CVBGs) and Amphibious Readiness Groups (ASGs) with an OAMCM capability. The aircraft secondary roles include torpedo and drone recovery, noncombatant evacuation operations (NEO), SEAL and EOD support.

Basis for Request:

FY09 funds the procurement of 18 MH-60S aircraft. The budget includes a follow-on joint service Multiyear Procurement (MYP) contract for FY 2007-FY2011, with economic order quantity (EOQ) funding in FY 2006 through FY2009. The common cockpits for the MH-60R and MH-60S were procured under a MYP contract (FY 2005 - FY 2008), with an option year in FY 2009.

FY2008 funding totals do not include \$190.3M previously requested for current FY2008 GWOT requirements.

(Exhibit P-40)

xhibit	P-5 Cost Analysis	Weapon System						DATE:	
		MH-60S (MYP)						February 2008	
	PRIATION/BUDGET ACTIVITY	ID Code		P-1 ITEM NON	IENCLATURE	:			
IRCRAF	T PROCUREMENT,NAVY/BA 1	A		MH-60S (MYP)					
					Dollars in Thou	usands			
\ 1	Flammad of Oast	Dianyana	F.V. 6	2007	F.V. 6	2000	EV.0	2000	
Cost	Element of Cost	Prior Years	FY 2	2007	FY 2	2008	FY 2	2009	
		QTY: 119	QTY:	18	QTY:	18	QTY:	18	
		Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	
1	AIRFRAME/CFE	1,403,103	13,177	237,185	13,772	247,903	13,820	248,766	
2	CFE ELECTRONICS								
3	GFE ELECTRONICS	289,571	2,455	44,195	2,221	39,970	2,291	41,243	
4	ENGINES / ENGINE ACC	166,657	1,373	24,714	1,366	24,591	1,403	25,252	
5	ARMAMENT								
6	INSTRUMENTS								
7	OTHER GFE	7,908	173	3,105	401	7,219	248	4,468	
8	REC FLYAWAY ECO		242	4,361	275	4,958	276	4,975	
9	Rec Flyaway Cost	1,867,239	17,420	313,560	18,036	324,641	18,039	324,703	
10	NON-RECURRING	131,078		37,167		2,404		1,300	
11	ANCILLARY EQUIPMENT	138,958		66,749		102,660		132,364	
12	MISCELLANEOUS	, i		,		,		,	
	Total Flyaway Cost	2,137,276	23,193	417,476	23,873	429,705	25,465	458,368	
14	AIRFRAME PGSE	45,438		6,142		3,898		4,229	
	ENGINE PGSE	3,272		2,235		159		167	
	AVIONICS PGSE	25,967		13,773		6,557		7,315	
	PEC TRNG EQ	212,208		50,661		23,513		37,440	
	PUBS / TECH DATA	25,859		2,717		2,401		2,489	
	OTHER ILS	21,752		7,076		6,479		7,310	
	FACILITIES MANAGEMENT	21,702		.,070		3,170		.,010	
	FIELD ACTIVITIES	146,456		30,386		33,989		33,563	
	PRODUCTION ENG SUPPORT	15,826		513		500		500	
	MISCELLANEOUS SUPPORT	. 3,020		010		000		000	
	Support Cost	496,778		113,503		77,497		93,013	
25	Gross P-1 Cost	2,634,054		530,979		507,202		551,381	
26	Adv Proc Credit	-511,793		-74,745		-86,525		-80,926	
27	Net P-1 Cost	2,122,260		456,234		420,677		470,455	
28	Adv Proc CY	597,564		90,020		79,496		79,215	
29	Weapon System Cost	2,719,824		546,254		500,173		549,670	
30	Initial Spares	139,681		7,939		8,256		2,005	
31	Procurement Cost	2,859,505		554,193		508,429		551,675	

B. APPROPRIATION/BUDGET ACTIVITY C. P.1 ITEM NOMENCLATURE SUBHEAD	BUDGET PROCUREMENT HISTOR	Y AND P	LANNING E	XHIBIT (P-5A)			Weapon System		A. DAT	ГΕ	
AIRCRAFT PROCUREMENT.NAVY/BA 1 P-5A AIRFRAME/CFE Contract Cost Element/Fiscal Year AIRFRAME/CFE FY 2007 FY 2007 FY 07 Advance Procurement for FY 08 18 13,177 ARMY ARMY ARMY ARMY ARMY ARMY Cot-05 FFP/MYP SS- Cot-05 FFP/MYP SIKORSKY A/C CORP, STRATFORD, CT SS- Cot-05 FFP/MYP SIKORSKY A/C CORP, STRATFORD, CT Dec-07 APr-08 Yes N/A N/A FY 2009 18 13,820 ARMY ARMY ARMY ARMY ARMY ARMY ARMY ARMY ARMY ARMY Cot-05 FFP/MYP SIKORSKY A/C CORP, STRATFORD, CT Dec-07 APr-08 Yes N/A SS- Cot-05 FFP/MYP SIKORSKY A/C CORP, STRATFORD, CT Dec-07 Yes N/A SS- Cot-05 FFP/MYP SIKORSKY A/C CORP, STRATFORD, CT Dec-07 Yes N/A SS- Cot-05 FFP/MYP SIKORSKY A/C CORP, STRATFORD, CT Dec-07 Yes N/A SS- Cot-05 FFP/MYP SIKORSKY A/C CORP, STRATFORD, CT Dec-07 Yes N/A SS- Cot-05 FFP/MYP SIKORSKY A/C CORP, STRATFORD, CT Dec-07 Yes N/A SS- Cot-05 FFP/MYP SIKORSKY A/C CORP, STRATFORD, CT Dec-07 Yes N/A SS- Cot-05 FFP/MYP SIKORSKY A/C CORP, STRATFORD, CT Dec-08 Oct-09 Yes N/A SS- Cot-05 FFP/MYP SIKORSKY A/C CORP, STRATFORD, CT Dec-08 Oct-09 Yes N/A N/A SS- Cot-05 FFP/MYP SIKORSKY A/C CORP, STRATFORD, CT Dec-08 Oct-09 Yes N/A N/A SS- SIKORSKY A/C CORP, STRATFORD, CT Dec-08 Oct-09 Yes N/A SS- SIKORSKY A/C CORP, STRATFORD, CT Dec-08 Oct-09 Yes N/A SS- SIKORSKY A/C CORP, STRATFORD, CT Dec-08 Oct-09 Yes N/A									Februar		
P-5A AIRFRAME/CFE	B. APPROPRIATION/BUDGET ACT	TIVITY				C. P-1	ITEM NOMENCLATURE			SUBI	HEAD
Cost Element/Fiscal Year Other Date Contract Contr		/BA 1				MH-60S	(MYP)			U1	VR
Sale Method & Date Date	P-5A AIRFRAME/CFE										
FY 2007 18	Cost Element/Fiscal Year	Qty	Unit Cost	Location of PCO	Issue	Method &	Contractor and Location		First	Available	Revisions
FY 2007 18 13,1771 ARMY Oct-05 FFP/MYP SS. SIKORSKY A/C CORP, STRATFORD, CT SS. Dec-07 Apr-08 Yes N/A Yes N/A FY 07 Advance Procurement for FY 08 18 13,772 ARMY Oct-05 FFP/MYP SIKORSKY A/C CORP, STRATFORD, CT Dec-07 Jan-09 Yes N/A Dec-07 Jan-09 Yes N/A FY 2008 18 13,772 ARMY Oct-05 FFP/MYP SS. Oct-05 FFP/MYP	AIRFRAME/CFE										
FY 07 Advance Procurement for FY 08 18	FY 2007	18	13,177	ARMY		FFP/MYP	SIKORSKY A/C CORP, STRATFORD, CT	Dec-07	Apr-08	Yes	N/A
FY 2008 FY 08 Advance Procurement for FY 09 ARMY Oct-05 FFP/MYP SS- Oct-05 FFP/MYP SS- Oct-05 FFP/MYP SIKORSKY A/C CORP, STRATFORD, CT Dec-07 Jan-09 Yes N/A SS- SS- Oct-05 FFP/MYP SIKORSKY A/C CORP, STRATFORD, CT Dec-07 Yes N/A SS- Oct-05 FFP/MYP SIKORSKY A/C CORP, STRATFORD, CT Dec-08 Oct-09 Yes N/A ARMY Oct-05 FFP/MYP SIKORSKY A/C CORP, STRATFORD, CT Dec-08 Oct-09 Yes N/A SS- Oct-05 FFP/MYP SIKORSKY A/C CORP, STRATFORD, CT Dec-08 Oct-09 Yes N/A ARMY Oct-05 FFP/MYP SIKORSKY A/C CORP, STRATFORD, CT Dec-08 Oct-09 Yes N/A	FY 07 Advance Procurement for FY 08			ARMY	Oct-05		SIKORSKY A/C CORP, STRATFORD, CT	Dec-07		Yes	N/A
FY 08 Advance Procurement for FY 09 ARMY Oct-05 FFP/MYP SIKORSKY A/C CORP, STRATFORD, CT Dec-07 Yes N/A SS- Oct-05 FFP/MYP SS- Oct-05 FFP/MYP SS- Oct-05 FFP/MYP SIKORSKY A/C CORP, STRATFORD, CT Dec-08 Oct-09 Yes N/A N/A PY 09 Advance Procurement for FY 10 ARMY Oct-05 FFP/MYP SIKORSKY A/C CORP, STRATFORD, CT Dec-08 Oct-09 Yes N/A N/A N/A N/A	FY 2008	18	13,772	ARMY	Oct-05	FFP/MYP	SIKORSKY A/C CORP, STRATFORD, CT	Dec-07	Jan-09	Yes	N/A
FY 2009 18 13,820 ARMY Oct-05 FFP/MYP SIKORSKY A/C CORP, STRATFORD, CT Dec-08 Oct-09 Yes N/A SS- Oct-05 FFP/MYP SIKORSKY A/C CORP, STRATFORD, CT Dec-08 Oct-09 Yes N/A SS- Oct-05 FFP/MYP SIKORSKY A/C CORP, STRATFORD, CT Dec-08 Oct-09 Yes N/A N/A SS- Oct-05 FFP/MYP SIKORSKY A/C CORP, STRATFORD, CT Dec-08 Oct-09 Yes N/A N/A N/A SS- Oct-05 FFP/MYP SIKORSKY A/C CORP, STRATFORD, CT Dec-08 Oct-09 Yes N/A N/A N/A SS- Oct-05 FFP/MYP SIKORSKY A/C CORP, STRATFORD, CT Dec-08 Oct-09 Yes N/A N/A N/A SS- Oct-05 FFP/MYP SIKORSKY A/C CORP, STRATFORD, CT Dec-08 Oct-09 Yes N/A N/A N/A N/A SS- Oct-05 FFP/MYP SIKORSKY A/C CORP, STRATFORD, CT Dec-08 Oct-09 Yes N/A N/A N/A SS- Oct-05 FFP/MYP SIKORSKY A/C CORP, STRATFORD, CT Dec-08 Oct-09 Yes N/A N/A N/A SS- Oct-05 FFP/MYP SIKORSKY A/C CORP, STRATFORD, CT Dec-08 Oct-09 Yes N/A N/A N/A SS- Oct-05 FFP/MYP SIKORSKY A/C CORP, STRATFORD, CT Dec-08 Oct-09 Yes N/A N/A N/A SS- Oct-05 FFP/MYP SIKORSKY A/C CORP, STRATFORD, CT Dec-08 Oct-09 Yes N/A N/A SS- Oct-05 FFP/MYP SIKORSKY A/C CORP, STRATFORD, CT Dec-08 Oct-09 Yes N/A N/A SS- Oct-05 FFP/MYP SIKORSKY A/C CORP, STRATFORD, CT Dec-08 Oct-09 Yes N/A N/A SS- Oct-05 FFP/MYP SIKORSKY A/C CORP, STRATFORD, CT Dec-08 Oct-09 Yes N/A N/A SS- Oct-05 FFP/MYP SIKORSKY A/C CORP, STRATFORD, CT Dec-08 Oct-09 Yes N/A N/A SS- Oct-05 FFP/MYP SIKORSKY A/C CORP, STRATFORD, CT Dec-08 Oct-09 Yes N/A N/A SS- Oct-05 FFP/MYP SIKORSKY A/C CORP, STRATFORD, CT Dec-08 Oct-09 Yes N/A N/A SS- Oct-05 FFP/MYP SIKORSKY A/C CORP, STRATFORD, CT Dec-08 Oct-09 Yes N/A N/A SS- Oct-05 FFP/MYP SIKORSKY A/C CORP, STRATFORD, CT Dec-08 Oct-09 Yes N/A N/A SS- Oct-05 FFP/MYP SIKORSKY A/C CORP, STRATFORD, CT Dec-08 Oct-09 Yes N/A SS- Oct-05 FFP/MYP SIKORSKY A/C CORP, STRATFORD, CT Dec-08 Oct-09 Yes N/A SS- Oct-05 FFP/MYP SIKORSKY A/C CORP, STRATFORD, CT Dec-08 Oct-09 Yes N/A SS- Oct-05 FFP/MYP SIKORSKY A/C CORP, STRATFORD, CT Dec-08 Oct-09 Yes N/A SS- Oct-05 FFP/MYP SIKORSKY A/C CORP, STRATFORD, CT Dec-08 Oct-09 Yes N/A SS- Oct-09 Yes N/A SS- OCT-09 Yes N/A SS- OCT-09 Yes N/A SS- OCT-09 Y	FY 08 Advance Procurement for FY 09			ARMY	Oct-05		SIKORSKY A/C CORP, STRATFORD, CT	Dec-07		Yes	N/A
	FY 2009	18	13,820	ARMY	Oct-05	FFP/MYP	SIKORSKY A/C CORP, STRATFORD, CT	Dec-08	Oct-09	Yes	N/A
D. Remarks:	FY 09 Advance Procurement for FY 10			ARMY	Oct-05	FFP/MYP	SIKORSKY A/C CORP, STRATFORD, CT	Dec-08		Yes	N/A
D. Remarks:											
D. Remarks:											
D. Remarks:											
D. Remarks:											
	D. Remarks:										
	-										

BUDGET PROCUREMENT HISTORY	AND P	LANNING E	XHIBIT (P-5A)			Weapon System		A. DAT	Έ	
			, ,			MH-60S (MYP)		Februar	y 2008	
B. APPROPRIATION/BUDGET ACTIV	√ITY				C. P-1	ITEM NOMENCLATURE				HEAD
AIRCRAFT PROCUREMENT,NAVY/B	A 1				MH-60S	(MYP)			U1	VR
P-5A ENGINES / ENGINE ACC										
Cost Element/Fiscal Year	Qty	Unit Cost	Location of PCO	RFP Issue Date	Contract Method & Type	Contractor and Location	Award Date	Date of First Delivery	Tech Data Available Now	Date Revisions Available
ENGINES										
FY 2007 FY 07 Advance Procurement for FY 08	36	610	ARMY ARMY		SS-FFP SS-FFP	GENERAL ELECTRIC CO, LYNN,MA GENERAL ELECTRIC CO, LYNN,MA	Feb-07 Feb-07	Mar-07	Yes Yes	N/A N/A
FY 2008 FY 08 Advance Procurement for FY 09	36	607	ARMY ARMY		SS-FFP SS-FFP	GENERAL ELECTRIC CO, LYNN,MA GENERAL ELECTRIC CO, LYNN,MA	Mar-08 Mar-08		Yes Yes	N/A N/A
FY 2009 FY 09 Advance Procurement for FY 10	36	6 623	ARMY ARMY		SS-FFP SS-FFP	GENERAL ELECTRIC CO, LYNN,MA GENERAL ELECTRIC CO, LYNN,MA	Mar-09 Mar-09	Mar-09	Yes Yes	N/A N/A
D. Remarks:	•	,		•		•				

BUDGET PROCUREN	MENT HISTO	RY AND PI	LANNING EXHIBIT	(P-5A)		Weapon System		A. DATE		
				,		MH-60S (MYP)		Febru	ary 2008	
B. APPROPRIATION/BUDGET	ACTIVITY				C. P-1 ITEM NON	MENCLATURE			SUBHEAD	
Aircraft Procureme	nt, Navy									
					MH-60S (MYP)			DATE OF	U1VR	D.4.T.E.
Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	TECH DATA AVAILABLE NOW?	DATE REVISIONS AVAILABLE
Common Cockpit										
							D 06	14 07		
FY 2007	18	1,879	NAVAIR	Aug-03	SS/MYP	Lockheed Martin, Owego, NY	Dec-06	Mar-07	Yes	N/A
FY 2007 AP for FY 2008			NAVAIR	Aug-03	SS/MYP	Lockheed Martin, Owego, NY	Dec-06		Yes	N/A
FY 2008	18	1,692	NAVAIR	Aug-03	SS/MYP	Lockheed Martin, Owego, NY	Dec-07	Mar-08	Yes	N/A
FY 2008 AP for FY 2009			NAVAIR	Aug-03	SS/MYP	Lockheed Martin, Owego, NY	Dec-07		Yes	N/A
FY 2009	18	1,737	NAVAIR	Aug-03	SS/MYP	Lockheed Martin, Owego, NY	Dec-08	Mar-09	Yes	N/A
FY 2009 AP for FY 2010			NAVAIR	Aug-03	AAC	Lockheed Martin, Owego, NY	Dec-08		Yes	N/A
D. REMARKS				I		1		<u>I</u>	<u> </u>	<u>[</u>

DD Form 2446-1, JUL 87 P-1 SHOPPING LIST ITEM NO. 11 PAGE 5 of 11

CLASSIFICATION: UNCLASSIFIED

BUDGET PRODUCTION SCH	EDULE,	P-21																DATE			ebru									
APPROPRIATION/BUDGET A					4.										Sys			P-1	ITEI											
Aircraft Procurement, Nav	y/Com	bat A	ircraf	t (BA	. 1)							MH	-60S	VE							l-60	S Ve	ertica	al Re	eple	nishr	men	t (M	YP)	
			, ,				Pro	duct	ion I	Rate									adtir		_									
lka ma	Ι.		ufactu		_	N 4	CD.		~ N		۸ ۷		T Pr			T Af			nitia			eord		١.	T-4-	.			it of	
Airframa		Name			n	IVI	SR 18	Ŀ	ON 36			το	Oct	1	3	Oct 1		IVI	fg PL	_!_	IVI	fg Pl 22	L I		Tota 25	ı		Mea E	isure	Э
Airframe		sky Ai ord, C		DIV			10		30		72				3							22			25					
	Strati	oru, C	· I																											—
																	-													—
																														—
																														—
									FI	SCAL	YFAI	R 200	6									FISC	CALY	EAR :	2007					Т
ITEM / MANUFACTURER	F	S	Q	D	В		2005					LEND		EAR 2	006			- 2	2006							EAR 2	007			1
	Υ	V	Т	Е	Α	0	N	D	J	F	М	Α	М	J	J	Α	S	0	N	D	J	F	М	Α	М	J	J	Α	S	E
		С	Υ	L	L	С	0	Е	Α	Е	Α	Р	Α	Ū	U	U	Е	С	0	Е	Α	Е	Α	Р	Α	Ū	U	U	E	L
						Т	V	С	N	В	R	R	Υ	N	L	G	Р	T	V	С	N	В	R	R	Υ	N	L	G	Р	_
Airframe	06	N	26	0	26													1	2	2	1	1	2	2	2	2	2	2	2	5
Allianie	00	A	49	0	49												2	2		7	3	4	5	7	6	6	2	2		3
																							-	-	-					Ħ
																														<u> </u>
																														-
																														-
										FISC	CAL Y	EAR 2	2008									FISC	CAL Y	EAR :	2009					
ITEM / MANUFACTURER	F	S	Q	D	В		2007				CA	LEND	AR YE	AR 2	800				2008				CA	LEND	AR YI	EAR 2	009			
	Υ	V	T	E	Α	0	N	D	J	F	М	Α	М	J	J	Α	S	0	N	D	J	F	М	Α	М	J	J	Α	S	B A
		С	Υ	L	L	C T	O V	E	A	E	A	Р	A Y	U	U	U	E P	C T	O V	E	A	Е	A R	P R	A Y	U	U	U G	E P	Ĺ
Airframe	06	N	26	21	-			C	N	В	R	R	Y	N	L	G	Р	1	V	С	N	В	ĸ	ĸ	Y	N	L	G	Р	0
Allifame	06	A	49	46	5 3	2	2	1																						0
					Ť	Ė	r.																							Ť
Airframe	07	N	18	0	18							2	2	2	2	2	2	2	2	2										0
		Α	81	0	81			5	5	6	6	8	4	5	7	5	3	3	2	1	3	3	3	3	1	1	1	1	1	4
																														1
Airframe	08	N	18	0	18																2	2	2	2	2	2	2	2	2	0
-		Α	78	0	78											1	5	6	5	5	4	4	4	4	6	6	2			26
Airframe	09	N	18	0	18																						-	•	_	18
		Α	64	0	64	I	Ĭ.			1						1							1				5	6	6	47

DD Form 2445, JUL 87 P-1 SHOPPING LIST

311/244 ITEM NO. 11 PAGE 6 OF 11 Exhibit P-21 Production Schedule

UNCLASSIFIED
(Exhibit P-40)

BUDGET PRODUCTION SCH	EDULE,	P-21																DATE			ebru									
APPROPRIATION/BUDGET A																stem		P-1	ITEI											
Aircraft Procurement, Nav	/y/Com	bat A	ircraf	t (BA	. 1)							MH-	60S	VE							1- 60	S V	ertic	al R	eple	nish	men	t (M	YP)	
							Pro	duct	ion F	Rate									adtir											
			ufactu										T Pr			T Af			nitia			eorc							it of	
Item		Name			n	М	SR	EC	ON	MA		to	Oct	1	•	Oct 1	1	M	fg PL	_T_	M	fg P	LT		Tota				asure	Э
Airframe		sky Ai		Div			18		36		72					3						22			25			Е		
	Stratf	ord, C	T:																											
																														_
									FI	ISCAL												FIS	CAL Y							ı
ITEM / MANUFACTURER	F	S	Q	D	В		2009				CAL	LENDA		AR 2	010				2010				CA	LEND	AR Y	EAR 2	011			l
	Υ	V C	T Y	E L	A L	0	N	D	J	F	M	Α	М	J	J	A	S	0	N	D	J	F	М	Α	M	J	J	A	S	l
		Ĭ	•	_	_	C T	O V	E C	A N	E B	A R	P R	A Y	U N	U L	U G	E P	C T	0 V	E C	A N	E B	A R	P R	A Y	U N	U L	U G	E P	ı
							-	_								_			-									_		t
Airframe	07	N	18	18	0																									t
		Α	81	77	4	1	1	1	1																					İ
																														Ĺ
Airframe	80	N	18	18	0							_	_																	l
		Α	78	52	26				1	1	2	2	2	2	1	1	1	1			1	1	1	1	1	1	1	1	1	ł
Airframe	09	N	18	0	18	1	1	2	2	3	2	3	2	2																ŀ
Amame	03	A	64	17	47	5	5	5	6	6	5	5	5	5																ł
										-				_																t
Airframe	10	N	18	0	18										1	2	1	2	2	1	1	2	1	2	2	1				ſ
		Α	73	0	73										7	7	6	7	5	5	5	6	7	6	6	6				Ĺ
				_																										L
Airframe	11	N A	18 47	0	18 47																						1 5	2 5	1 5	l
		А	47	U	41																						5	3	5	H
							1			FISC	AI YI	EAR 2	2012									FIS	CAL Y	FAR:	2013					f
ITEM / MANUFACTURER	F	S	Q	D	В		2011			00		LENDA		AR 2	012				2012						AR Y	FAR 2	013			ı
	Y	V	Т	Е	Α	0	N	D	J	F	М	Α	М	J	J	Α	S	0	N	D	J	F	M	А	М		J	Α	S	ı
		С	Υ	L	L	С	0	Е	Α	Е	Α	Р	Α	U	Ü	U	Е	С	0	Е	Α	Е	Α	Р	Α	Ü	Ü	U	Е	ı
						Т	V	С	Ν	В	R	R	Υ	N	L	G	Р	Т	V	С	N	В	R	R	Υ	Ν	L	G	Р	Ĺ
																														Ĺ
Airframe	08	N A	18 78	18 75	3	4	4	1																						ŀ
		А	10	15	3	1	1	1							-						-									ŀ
Airframe	11	N	18	4	14	2	2	1	1	2	1	2	2	1																ł
-		Α	47	15	32	5	4	4	4	3	3	3	3	3																t
																														ĺ
Airframe	12	N	18	0	18										1	2	1	2	2	1	1	2	1	2	2	1				ĺ
		Α	52	0	52										5	5	5	5	4	4	4	4	4	4	4	4				ŀ
Airframe	13	N	18	0	18																						1	2	1	ŀ
niii ai ile	13	A	60	0	60																						5	5	5	ł
	_	l '`	30	– –		1	1			_						\vdash		_				-	-	1	-	!	⊢ Ŭ		,	ŀ

Army deliveries include i Mo alicialt.

DD Form 2445, JUL 87 P-1 SHOPPING LIST

ITEM NO. 11 PAGE 7 OF 11 Exhibit P-21 Production Schedule

311 / 244

BUDGET PRODUCTION SCH	EDULE,	P-21																DATI	E	F	ebr	uary	200)8					—	—
APPROPRIATION/BUDGET A															-	stem	1	P-1	ITE				CLAT		E					
Aircraft Procurement, Nav	y/Com	bat A	ircraf	t (BA	(1)							MH	-608	S VE								S V	ertic	al R	eple	nish	mer	nt (M	YP)	
							Pro	duct	ion l	Rate					Pro	cure	emer	nt Le	eadti	mes										
		Man	ufactu	ırer's								AL	T Pi	rior	ΑL	T A	fter		Initia			eord						Un	it of	
Item		Name		ocatio	n	M	SR		ON			to	Oct	: 1		Oct	1	M	fg P	LT	M	fg P			Tota			Mea		9
Engines		ral Ele	ectric				0	1	168	9	60		9			6			12			12			18			Е		
	Lynn,	, MA																												
															-															
																													—	
									F	ISCAL	YEA	R 200	6									FIS	CAL Y	EAR	2007		<u> </u>			
ITEM / MANUFACTURER	F	S	Q	D	В		2005				CA	LEND	AR YE	EAR 2	2006				2006				CA	LENE	DAR Y	EAR 2	2007			l
	Υ	V C	T Y	E	Α	0	N	D	J	F	М	Α	М	J	J	Α	S	0	N	D	J	F	М	Α	М	J	J	Α	S	B A
		C	Y		L	C	0 V	E C	A N	E B	A R	P R	A Y	U N	U L	U	E P	C T	0 V	E	A N	E B	A R	P R	A Y	U N	U L	U	E P	L
						<u>'</u>	V	C	IN	Ь	К	K	-	IN	_	G	Г	Ľ	V	U	IN	Ь	K	K	1	IN	_	-		⊢
Engines	06	N	52	0	52						4	4	4	4	4	4	4	4	4	6	4	6						+	\vdash	0
3																												1	T 1	
Engines	07	N	36	0	36																		2	4	2	2	4	4	2	16
																												<u> </u>		
																												+		┢
																												1	 	
	4																													┢
				_	_					FISC		EAR :										FIS	CAL Y							l
ITEM / MANUFACTURER	F Y	S V	Q T	D E	B A		2007					LEND							2008				T	1		EAR 2	2009	т—	-	В
	l '	Ċ	Y	L	Ĺ	O C	N O	D E	J A	F E	M A	A P	M A	J	J	A U	S E	0 C	N O	D E	J A	F E	M A	A P	M A	J	J	A U	S E	Α
						T	V	C	N	В	R	R	Υ	N	Ĺ	G	P	T	V	C	N	В	R	R	Y	N	Ĺ	Ğ	P	L
Engines	07	N	36	20	16	4	2	4	4	2																		-		0
																												+-	\vdash	⊢
Engines	08	N	36	0	36						2	4	2	2	4	4	2	4	2	4	4	2						+		0
Engines	09	N	36	0	36																		2	2	4	4	6	4	6	8
																												+-	\vdash	┢
																												+	\vdash	
Remarks:	-					_	•					_					•			•		•	•	-	•	•	-		_	-

DD Form 2445, JUL 87 P-1 SHOPPING LIST

311/244 ITEM NO. 11 PAGE 8 OF 11 Exhibit P-21 Production Schedule

BUDGET PRODUCTION SCHI	EDULE,	P-21																DATI	E	F	ebr	uary	200)8						
APPROPRIATION/BUDGET A													Wea	apor	Sys	stem)	P-1	ITE						Ε					
Aircraft Procurement, Nav	y/Com	bat A	ircraf	t (BA	. 1)							МН	-608	S VE								S V	ertic	al R	eple	nish	men	nt (M`	YP)	
							Pro	duct	ion l	Rate					Pro	cure	emer	nt Le	eadtii	mes										
			nufactu									AL	T Pi	rior		T A			Initia			eord						Un	it of	
ltem		Name		ocatio	n	M	SR		ON			to	Oct	: 1	(Oct	1	М	fg P	LT	M	fg P			Tota			Mea	sure	ڊ
Engines		eral Ele	ectric				0	1	168	9	60		9			6			12			12			18		ـــــ	Е		
	Lynn	, MA																									Ь			
																											₩			
																								-			<u> </u>			
																											┢			
									F	ISCAL	VΕΔΙ	R 201	Λ									FIS	CAL Y	ΈΔR	2011					$\overline{}$
ITEM / MANUFACTURER	F	s	Q	D	В		2009			100/12		LEND		AR 2	2010				2010			1 10			AR YI	EAR 2	2011			ł
	Y	V	Т	Е	Α	0	N	D	J	F	М	A	М	J	J	Α	S	0	N	D	J	F	M	А	М	J	J	Α	S	В
		С	Υ	L	L	С	0	Е	Α	Е	Α	Р	Α	U	U	U	Е	С	0	Е	Α	Е	Α	Р	Α	U	U	U	Е	A L
						Т	V	С	N	В	R	R	Υ	N	L	G	Р	Т	V	С	N	В	R	R	Υ	N	L	G	Р	—
Engines	09	N	36	28	8	4	4																				<u> </u>			0
Liigines	09	IN	30	20	0	-	4																					\vdash		
Engines	10	N	36	0	36						2	4	2	4	4	2	2	4	2	4	4	2						1		0
																														<u> </u>
Engines	11	N	36	0	36																		2	4	2	4	4	2	2	16
																												\vdash		1
																												1		i
										FISC		EAR :										FIS	CAL Y							i
ITEM / MANUFACTURER	F	S	Q	D	В		2011			1 1	CA	LEND.	AR YE	AR 2	2012		ı		2012				CA	LEND	AR YI	EAR 2	013			_
	Υ	V C	T Y	E L	A L	O C	N O	D E	J A	F E	M A	A P	M A	J	J	A U	S	0	N O	D E	J A	F E	M A	A P	M A	J	J U	A U	S E	B A
						Т	V	С	N	В	R	R	Y	N	L	G	P	T	٧	С	N	В	R	R	Y	N	L	G	P	L
																												$\overline{}$		
Engines	11	N	36	20	16	4	2	4	4	2																				0
Engines	12	N	36	0	36						2	4	2	4	4	2	2	4	2	4	4	2						<u> </u>		0
Liigiiles	12	IN	30	U	30							4		4	4			4		4	4							+		U
Engines	13	N	36	0	36																		2	4	2	4	4	2	2	16
																												<u> </u>		Н—
	1																											 		1
Remarks:	-	-	-			-		1		1						1	1		1			1	1		1	1				_
1																														

DD Form 2445, JUL 87

ITEM NO. 11

P-1 SHOPPING LIST

PAGE 9 OF 11

Exhibit P-21 Production Schedule

311 / 244

BUDGET PRODUCTION SCH	DULE,	P-21																DATI		F	ebr	uary	200	8						—
APPROPRIATION/BUDGET AC													Wea	apor	ı Sys	stem	1	P-1	ITE	ΜN	ЮM	ENC	LAT	UR	E					
Aircraft Procurement, Nav	y/Com	bat A	ircraf	t (BA	(1)							MH	-608	VE	RTF	REP				Mŀ	H-60	S Ve	ertic	al R	eple	nish	mer	nt (M`	YP)	
							Pro	duct	ion F	Rate					Pro	cure	eme	nt Le	adti	mes										
			ufactu									AL	ıq T.	rior	AL	ΤA	fter		Initia			eord						Un	it of	
Item		Name		ocatio	n	M:	SR	EC	ON			to	Oct	: 1	(Oct	1	M	fg P	LT	M	fg P	LT		Tota	al		Mea	sure)
Common Cockpit		need N					18		24		60		9			3			21			15			18			Е		
	Oweg	go, NY	<i>'</i>																											
	_	1																												_
				_	_				F	ISCAL												FISC	CAL Y							l
ITEM / MANUFACTURER	F Y	S V	Q T	D E	B A		2005	I		1 1		LEND		EAR 2	2006		1		2006			1	CA	LENE	DAR Y	EAR 2	2007		I	В
	Ť	C	Y	L	L	O C	N O	D E	J A	F E	M A	A P	M A	J	J	A U	S E	O C	N O	D E	J A	F E	M A	A P	M A	J	J	A U	S	A
						Т	V	С	N	В	R	R	Y	N	L	G	P	Т	V	C	N	В	R	R	Y	N	L	G	Р	L
																												\top		
Common Cockpit	06	N	26	0	26						2	2	2	2	2	2	2	2	2	3	2	3								0
																														L
Common Cockpit	07	N	18	0	18																		1	2	1	1	2	2	1	8
																												+-1		
																												+		
																														┝
										FISC		EAR										FISC	CAL Y							l
ITEM / MANUFACTURER	F Y	S V	Q	D	В		2007	1		1 1	CA	LEND	AR YE	EAR 2	800	1			2008	ı			CA	LENE	DAR Y	EAR 2	2009		1	В
	Y	C	T Y	E L	A L	0	N	D	J	F	M	A P	M	J	J	A U	S E	0 C	N	D	J	F E	M	A	M	J	J	A U	S	Α
						C T	0 V	E	A N	E B	A R	R	A Y	U	L	G	P	T	0 V	E C	A N	В	A R	P R	A Y	U	U L	G	E P	L
	+																											\vdash		一
Common Cockpit	07	N	18	10	8	2	1	2	2	1																				0
Common Cockpit	08	N	18	0	18						1	2	1	2	2	1	1	2	1	2	2	1								0
оннин соскрії	00	IN	10	U	10						- 1		1		_	1	1					'						+		U
Common Cockpit	09	N	18	0	18																		1	1	2	2	3	2	3	4
																												igsquare		
																		_										\perp		<u> </u>
																												+-		\vdash
Remarks:																1							1		1					

DD Form 2445, JUL 87 P-1 SHOPPING LIST

311/244 ITEM NO. 11 PAGE 10 OF 11 Exhibit P-21 Production Schedule

APPROPRIATION/BUDGET ACTIVITY Aircraft Procurement, Navy/Combat Aircraft (BA 1) Manufacturer's Name and Location Name a	BUDGET PRODUCTION SCHE	DULE,	P-21																DATI	Ē	F	ebr	uary	200	8						
Production Rate																-		1	P-1	ITE											
Manufacturer's Name and Location MSR ECON MAX MAX MAX MAX MG MG MG MG MG MG MG M	Aircraft Procurement, Navy	/Com	bat A	ircraf	t (BA	(1)							MH	-608	VE								S V	ertic	al R	eple	nish	men	ıt (M	YP)	
Item								Pro	duct	ion I	Rate								nt Le	eadti	mes										
Common Cockpit Lockheed Martin 18 24 60 9 3 21 15 18 E																													_		
Owego, NY Fiscal year 2010 Fiscal year 2010 Fiscal year 2010 Caleboar year 2010 Ca					ocatio	n	М		EC				to		: 1	(1	M		LT	M									Э
	Common Cockpit							18		24		60		9			3			21			15			18			<u> </u>		
TIEM / MANUFACTURER		Oweg	go, NY																												
TIEM / MANUFACTURER																													—		—
TIEM / MANUFACTURER																															—
ITEM/MANUFACTURER																															_
V V V L L L L Q N D D J F M A M J J J A S O N D J F M A M J J J A S O N D J F M A M J J J A S O N D J F M A M J J J A S O N D J F M A M J J J A S O N D D J F M A M J J J A S O N D D J F M A M J J J A S O N D D J F M A M J J J A S O N D D J F M A M J J J A S O N D D J F M A M J J J A S O N D D J F M A M J J J A S O N D D J F M A M J J J A S O N D D J F M A M J J J A S O N D D J F M A M J J J A S O N D D J F M A M J J J A S O N D D J F M A M J J J A S O N D D J F M A M J J J A S O N D D J F M A M J J J A S O N D D J J F M A M J J J A S O N D D J J F M A M J J J A S O N D D J J F M A M J J J A S O N D D J J F M A M J J J A S O N D D J J F M A M J J J A S O N D D J J F M A M J J J A S O N D D J J F M A M J J J A S O N D D J J F M A M J J J A S O N D D J J F M A M J J J A S O N D D J J F M A M J J J A S O N D D J J F M A M J J J A S O N D D J J F M A M J J J A S O N D D J J F M A M J J J A S O N D D J J F M A M J J J A S O N D D J J F M A M J J J A S O N D J J F M A M J J J A S O N D J J F M A M J J J A S O N D D J J F M A M J J J A S O N D D J J F M A M J J J A S O N D D J J F M A M J J J A S O N D D J J F M A M J J J A S O N D D J J F M A M J J J A S O N D D J J F M A M J J J A S O N D D J J F M A M J J J J A S O N D D J J F M A M J J J J A S O N D D J J F M A M J J J J A S O N D D J J F M A M J J J J A S O N D D J J F M A M J J J J A S O N D D J J F M A M J J J J A S O N D D J J F M A M J J J J A S O N D D J J F M A M J J J J A S O N D D J J F M A M J J J J A S O N D D J J F M A M J J J J A S O N D D J J F M A M J J J J A S O N D D J J F M A M J J J J A S O N D D J J F M A M J J J J A S O N D D J J F M A M J J J J J A S O N D D J J F M J D J J J J J J J J J J J J J J J J J										F	ISCAL	YEA	R 201	0									FIS	CAL Y	EAR	2011					
Common Cockpit 10 N 18 14 4 2 2 1 1 2 1 2 2 1 1 1 2 1 2 2 1 1 1 2 1 2 2 1 1 1 2 1 2 2 1 1 1 2 1 2 2 1 1 1 2 1 2 2 1 1 1 2 1 2 2 1 1 1 2 1 2 2 1 1 1 2 1 2 2 1 1 1 2 1 2 2 1 1 1 2 1 2 2 1 1 1 2 1 2 2 1 1 1 2 1 2 2 1 1 1 2 1 2 2 1 1 1 2 1 2 2 1 1 1 2 1 2 1 2 2 1 1 1 2 1 2 2 1 1 1 2 1 2 1 2 2 1 1 1 2 1 2 1 2 2 1 1 1 2 1 2 1 2 2 1 1 1 2 1 2 1 2 2 1 1 1 2 1 2 1 2 2 1 1 1 2 1 2 1 2 2 1 1 1 2 1 2 1 2 2 1 1 1 2 1 2 1 2 2 1 1 1 2 1 2 1 2 2 1 1 1 2 1 2 1 2 2 1 1 1 2 1 2 1 2 2 1 1 1 2 1 2 1 2 2 1 1 1 2 1 2 1 2 2 1 1 1 2 1 2 1 2 2 1 1 1 2 1 2 1 2 1 2 2 1 1 1 2 1 2 1 2 1 2 1 2 1 2 1 1 2 1 2 1 1 2 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ITEM / MANUFACTURER							2009				CA	LEND	AR YE	AR 2	2010				2010			,	CA	LEND	AR Y	EAR 2	011			l
Common Cockpit 10 N 18 0 18 0 18 0 18 0 18 0 18 0 18 0		Y								-					J												_	J		S	B A
Common Cockpit 10 N 18 0 18 0 18 0 18 0 18 0 18 0 18 0						-												P					B							P	L
Common Cockpit 10 N 18 0 18																															
Common Cockpit 11 N 18 0 18	Common Cockpit	09	N	18	14	4	2	2																							0
Common Cockpit 11 N 18 0 18	Common Cocknit	10	N	18	0	18						1	2	1	2	2	1	1	2	1	2	2	1								C
TEM/MANUFACTURER	Common Cookpit	10		10		10						•		•	_	_			_		_	_									Ĕ
ITEM / MANUFACTURER F S Q T T C T T C T T T C T T T C T T T T T	Common Cockpit	11	N	18	0	18																		1	2	1	2	2	1	1	8
ITEM / MANUFACTURER F S Q D T E A L C O N D J F M A M J J J A S O N D J F M A M D U U U E C O E A E A P A U U U U E C O E A E A P A U U U U E C O E A E A P A U U U U E C O E A E A P A U U U U E C O E A E A P A U U U U E C O E A E A P A U U U U E C O E A E A P A U U U U E C O E A E A P A U U U U E C O E A E A P A U U U U E C O E A E A P A U U U U E C O E A E A P A U U U U E C O E A E A P A U U U U U E C O E A E A P A U U U U U E C O E A E A P A U U U U U E C O E A E A P A U U U U U E C O E A E A P A U U U U U E C O E A E A P A U U U U U E C O E A E A P A U U U U U E C O E A E A P A U U U U U E C O E A E A E A P A U U U U U E C O E A E A E A P A U U U U U E C O E A E A E A P A U U U U U E C O E A E A E A P A U U U U U E C O E A E A E A P A U U U U U E C O E A E A E A P A U U U U U E C O E A E A E A P A U U U U U E C O E A E A E A P A U U U U U E C O E A E A E A P A U U U U U E C O E A E A E A P A U U U U U E C O E A E A E A P A U U U U U E C O E A E A E A P A U U U U U E C O E A E A E A P A U U U U U E C C O E A E A E A P A U U U U U E C C O E A E A E A P A U U U U U E C C O E A E A E A P A U U U U U E C C O E A E A E A P A U U U U U E C C O E A E A E A P A U U U U U E C C O E A E A E A A P A U U U U U E C C O E A E A E A P A U U U U U E C C O E A E A E A A P A U U U U U E C C O E A E A E A A P A U U U U U E C C O E A E A E A P A U U U U U U E C C O E A E A E A A P A U U U U U U E C C O E A E A E A P A U U U U U U E C C O E A E A E A P A U U U U U U U U U U U U U U U U U																															-
ITEM / MANUFACTURER F S Q D T E A L C O N D J F M A M J J J A S O N D J F M A M D U U U E C O E A E A P A U U U U E C O E A E A P A U U U U E C O E A E A P A U U U U E C O E A E A P A U U U U E C O E A E A P A U U U U E C O E A E A P A U U U U E C O E A E A P A U U U U E C O E A E A P A U U U U E C O E A E A P A U U U U E C O E A E A P A U U U U E C O E A E A P A U U U U E C O E A E A P A U U U U U E C O E A E A P A U U U U U E C O E A E A P A U U U U U E C O E A E A P A U U U U U E C O E A E A P A U U U U U E C O E A E A P A U U U U U E C O E A E A P A U U U U U E C O E A E A P A U U U U U E C O E A E A E A P A U U U U U E C O E A E A E A P A U U U U U E C O E A E A E A P A U U U U U E C O E A E A E A P A U U U U U E C O E A E A E A P A U U U U U E C O E A E A E A P A U U U U U E C O E A E A E A P A U U U U U E C O E A E A E A P A U U U U U E C O E A E A E A P A U U U U U E C O E A E A E A P A U U U U U E C O E A E A E A P A U U U U U E C O E A E A E A P A U U U U U E C O E A E A E A P A U U U U U E C C O E A E A E A P A U U U U U E C C O E A E A E A P A U U U U U E C C O E A E A E A P A U U U U U E C C O E A E A E A P A U U U U U E C C O E A E A E A P A U U U U U E C C O E A E A E A A P A U U U U U E C C O E A E A E A P A U U U U U E C C O E A E A E A A P A U U U U U E C C O E A E A E A A P A U U U U U E C C O E A E A E A P A U U U U U U E C C O E A E A E A A P A U U U U U U E C C O E A E A E A P A U U U U U U E C C O E A E A E A P A U U U U U U U U U U U U U U U U U																													+		
ITEM / MANUFACTURER F S Q D T E A L C O N D J F M A M J J J A S O N D J F M A M D U U U E C O E A E A P A U U U U E C O E A E A P A U U U U E C O E A E A P A U U U U E C O E A E A P A U U U U E C O E A E A P A U U U U E C O E A E A P A U U U U E C O E A E A P A U U U U E C O E A E A P A U U U U E C O E A E A P A U U U U E C O E A E A P A U U U U E C O E A E A P A U U U U E C O E A E A P A U U U U U E C O E A E A P A U U U U U E C O E A E A P A U U U U U E C O E A E A P A U U U U U E C O E A E A P A U U U U U E C O E A E A P A U U U U U E C O E A E A P A U U U U U E C O E A E A P A U U U U U E C O E A E A E A P A U U U U U E C O E A E A E A P A U U U U U E C O E A E A E A P A U U U U U E C O E A E A E A P A U U U U U E C O E A E A E A P A U U U U U E C O E A E A E A P A U U U U U E C O E A E A E A P A U U U U U E C O E A E A E A P A U U U U U E C O E A E A E A P A U U U U U E C O E A E A E A P A U U U U U E C O E A E A E A P A U U U U U E C O E A E A E A P A U U U U U E C O E A E A E A P A U U U U U E C C O E A E A E A P A U U U U U E C C O E A E A E A P A U U U U U E C C O E A E A E A P A U U U U U E C C O E A E A E A P A U U U U U E C C O E A E A E A P A U U U U U E C C O E A E A E A A P A U U U U U E C C O E A E A E A P A U U U U U E C C O E A E A E A A P A U U U U U E C C O E A E A E A A P A U U U U U E C C O E A E A E A P A U U U U U U E C C O E A E A E A A P A U U U U U U E C C O E A E A E A P A U U U U U U E C C O E A E A E A P A U U U U U U U U U U U U U U U U U																															L
Y V T L L L A L O N D J F M A M J J J A S O N D J F M A F A F A F A P A U U U U E C O E A E A P A U U U U E C O E A E A P A U U U U E C O E A E A P A U U U U E C O E A E A P A U U U U E C O E A E A P A U U U U E C O E A E A P A U U U U E C O E A E A P A U U U U E C O E A E A P A U U U U E C O E A E A P A U U U U E C O E A E A P A U U U U E C O E A E A P A U U U U E C O E A E A P A U U U U E C O E A E A P A U U U U E C O E A E A P A U U U U E C O E A E A P A U U U U E C O E A E A P A U U U U U E C O E A E A P A U U U U U E C O E A E A P A U U U U U E C O E A E A P A U U U U U E C O E A E A P A U U U U U E C O E A E A P A U U U U U E C O E A E A P A U U U U U E C O E A E A P A U U U U U E C O E A E A P A U U U U U E C O E A E A E A P A U U U U U E C O E A E A P A U U U U U E C O E A E A E A P A U U U U U E C O E A E A E A P A U U U U U E C O E A E A E A P A U U U U U E C O E A E A E A P A U U U U U E C O E A E A E A P A U U U U U E C O E A E A E A P A U U U U U E C O E A E A E A P A U U U U U E C O E A E A E A P A U U U U U E C O E A E A E A P A U U U U U E C O E A E A E A P A U U U U U E C O E A E A E A P A U U U U U E C O E A E A E A P A U U U U U E C O E A E A E A P A U U U U U E C O E A E A E A P A E A P A U U U U U E C O E A E A E A P A E A P A U U U U U E C O E A E A E A P A E A P A U U U U U E C O E A E A E A P A E A C U U U U U U U U U U U U U U U U U U											FISC	CAL Y	EAR :	2012									FIS	CAL Y	EAR :	2013					
C Y L L C O D E A E A D A U U U E C O D E A E A D A U U U U E C O D E A E A D A U U U U U U U U U U U U U U U U U	ITEM / MANUFACTURER							2011				CA	LEND	AR YE	AR 2	2012				2012				CA	LEND	AR Y	EAR 2	013			L
Common Cockpit 11 N 18 10 8 2 1 2 2 1		Υ								-					-												J	J		S	B A
Common Cockpit 12 N 18 0 18				•		_																								P	L
Common Cockpit 12 N 18 0 18 1 2 1 2 2 1 1 2 2 1 1 2 2 1 1 1 2 1 2																															
	Common Cockpit	11	N	18	10	8	2	1	2	2	1																				0
	Common Cocknit	12	N	18	0	18						1	2	1	2	2	1	1	2	1	2	2	1		-				-		0
Common Cockpit 13 N 18 0 18	S.IOII GOORPIL	1 '-	- '	10	Ť	10						•	-		_	ľ	<u> </u>	<u> </u>				ľ	†						 		F
	Common Cockpit	13	N	18	0	18																		1	2	1	2	2	1	1	8
		1																											₩		\vdash
		1		1		1																							-		H

DD Form 2445, JUL 87

P-1 SHOPPING LIST

311 / 244

ITEM NO. 11

PAGE NO. 11 OF 11

Exhibit P-21 Production Schedule

	В	JDGET	ITEM JUST	IFICATION :	SHEET			DATE:			
			P-40					February 200	8		
APPROPRIATION/BU	DGET ACTIVI	TY				P-1 ITEM NO	MENCLATURE				
Aircraft Procurem	ent, Navy/E	3A-1				017900, MF	I-60S Advan	ce Procurem	nent (MYP)		
Program Element for C	Code B Items:					Other Related 0604212N	•	nents Development	t .		
	Prior	D								То	
	Years	Code	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	Complete	Total
COST (In Millions)	\$597.564	A	\$90.020	\$79.496	\$79.215	\$78.815	\$87.838	\$89.903	\$91.997	\$32.093	\$1,226.941

MISSION AND DESCRIPTION:

The Helicopter Combat Support (HC) mission of the MH 60S is to maintain forward deployed fleet sustainability through rapid airborne delivery of materials and personnel and to support amphibious operations through search and rescue coverage. The primary roles of the aircraft are to conduct vertical replenishment (VERTREP), day/night ship-to-ship, ship-to-shore, and shore-to-ship external transfer of cargo; internal transport of passengers, mail and cargo, vertical onboard delivery (VOD); airhead operations, and day/night search and rescue (SAR). The aircraft secondary roles include torpedo and drone recovery, noncombatant evacuation operations (NEO), SEAL and UDT support.

BASIS FOR FY 2009 BUDGET REQUEST:

FY 2009 advance procurement funds are requested for procurement of FY10 long lead engines and misc. other avionics, termination liability for common cockpit, and economic order quantity (EOQ) / termination liability for the airframe in support of the MH-60S portion of a joint Army-Navy 5 year (FY 2007 - FY 2011) Multiyear Procurement contract for the UH-60M Blackhawk, MH-60S Seahawk, and MH-60R Seahawk aircraft. The common cockpits for the MH-60R and MH-60S are being procured under a Multiyear Procurement (MYP) contract (FY 2005 - FY 2008). The Airframe and Common Cockpit MYP funding reflects applicable EOQ requirements.

Exhibit P-10 Advance P	rocurem	ent Requ	irements	Analysis		Date:						
(Page 1 - Funding)						February 20	800					
Appropriation (Treas) C					er	P-1 Line Ite	em Nomenclat	ure				
Aircraft Procurement, N	avy/Cor	nbat Airc	eraft (BA	-1)		MH-60S A	dvance Procur	ement (MYP))			
Weapon System				First Syster	n (BY1) Aw	ard Date		Interval Bety	veen Systems	1		
MH-60S VERTREP (M	YP)			Dec-03				Monthly				
				_	_	(\$ in Milli	ons)					
	PLT	When Rqd	Prior Years	FY2007	FY2008	FY2009	FY2010	FY2011	FY2012	FY 2013	To Complete	Total
End Item Qty			119	18	18	18	18	18	18	18	22	267
CFE - Airframe (TL)	22	24	43.664					30.932	31.799	32.700	8.481	147.576
EOQ/Long Lead												
FY 2003			19.653									19.653
FY 2004			24.990									24.990
FY 2005			34.133									34.133
FY 2006			37.082									37.082
FY 2007			33.300									33.300
FY 2008			2.947	30.827								33.774
FY 2009			2.597	2.875	24.678							30.150
FY 2010			1.697	2.878	2.020	23.459						30.054
FY 2011			1.595	2.878	2.022	1.082	23.052					30.629
Total EOQ/Long Lead			157.994	39.458	28.720	24.541	23.052	0.000	0.000	0.000	0.000	273.765
GFE - Engine/APU	12	4	146.827	24.217	25.447	25.978	26.505	27.035	27.575	28.127	12.639	344.350
GFE - Cockpit	15	4	120.990			14.235	14.544	14.864	15.191	15.526	3.943	199.293
EOQ/Long Lead	15	4										0.000
FY 2005			32.086									32.086
FY 2006			18.711									18.711
FY 2007			17.871									17.871
FY 2008			2.189	11.561								13.750
FY 2009					12.460							12.460
Total EOQ/Long Lead			70.857	11.561	12.460	0.000	0.000	0.000	0.000	0.000	0.000	94.878
GFE - A/C Misc Avn	Var	Var	57.232	14.784	12.869	14.461	14.714	15.007	15.338	15.644	7.030	167.079
Total AP			597.564	90.020	79.496	79.215	78.815	87.838	89.903	91.997	32.093	1226.941

Description:

Airframes, engines, common cockpit, and misc. other avionics requirements reflect funding requirements for procurement of long lead parts and materials necessary to maintain the MH-60S delivery schedule. CFE - Airframe (TL) is directly related to the end item quantity. Airframe multi-year funding reflects applicable EOQ requirements.

GFE - Engines is directly related to the number of units delivered in the first 9 months of the aircraft delivery schedule (P-21). GFE - Cockpit for FY-05 through FY-09 reflects the multi-year procurement contract and includes applicable EOQ requirements.

^{*} Specify other items for all pages of this exhibit.

Exhibit P-10 Advance Pr	ocuremen	t Requir	ements Ana	lysis			Date:		
(Page 2 - Budget Justifica	ation)						February 2008		
Appropriation (Treasury)	Code/CC	C/BA/BS	A/Item Con	trol Number	Weapon System		P-1 Line Item	Nomenclature	
Aircraft Procurement, Navy/C	Combat Airci	raft (BA-	1)		MH-60S VERTREP	(MYP)	MH-60S Advance	e Procurement (MYP)	
					(TOA, \$ in Million	ns)			
					FY 2008	FY 2008			
				FY 2008 for	Contract	Total Cost	FY 2009 for	FY 2009 Contract	FY 2009 Total
	PLT	QPA	Unit Cost	FY 2009 Qty	Forecast Date	Request	FY 2010 Qty	Forecast Date	Cost Request
End Item				18			18		
CFE - Airframe	22	1			Dec-07	28.7		Dec-08	24.5
GFE - Engine/APU	12	2	0.6	36	Mar-08	25.4	36	Mar-09	26.0
GFE - A/C Common Cockpit	15	1	1.7		Dec-07	12.5		Dec-08	14.2
GFE - A/C Misc Avn	Var	Var	Var	Var	Var	12.9		Var	14.5
Total Advance Proc						79.5			79.2

Description:

P-1 Shopping List Item No. 12

Exhibit P-10, Advance Procurement Funding PAGE 3 of 3

UNCLASSIFIED

	BUDG	_	USTIFICATI P-40	ON SHEET				DATE:	Februa	ry 2008					
APPROPRIATION/BUDGET AIRCRAFT PROCUREMEN		1				P-1 ITEM N 018200, MF									
Program Element for Code B	ement for Code B Items: Other Related Program Elements														
	Prior Years	ID Code	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Program				
Quantity	27	Α	25	26	31	27	28	25	27	36	252				
Net P-1 Cost (\$M)	1,413.903		792.998	839.011	1,045.004	895.790	973.162	836.002	858.474	1,346.695	9,001.038				
Advance Proc (\$M)	256.132		119.974	151.808	140.759	152.438	166.848	156.202	152.157	43.348	1,339.666				
WPN Sys Cost (\$M)	1,670.035		912.972	990.819	1,185.763	1,048.228	1,140.010	992.204	1,010.631	1,390.043	10,340.705				
Initial Spares (\$M)	175.419		4.247	1.354	4.268	2.349	1.453				189.090				
Proc Cost (\$M)	1,845.454		917.219	992.173	1,190.031	1,050.577	1,141.463	992.204	1,010.631	1,390.043	10,529.795				
Unit Cost (\$M)	68.350		36.689	38.161	38.388	38.910	40.767	39.688	37.431	38.612	41.785				

MISSION AND DESCRIPTION:

The MH-60R Multi-Mission helicopter provides battle group protection and adds significant capability in coastal littorals and regional conflicts. The MH-60R Multi-Mission Helicopter represents a significant avionics improvement to the H-60 series helicopters by enhancing primary mission areas of Undersea Warfare (USW) and Surface Warfare (SUW). Airborne Low Frequency Sonar (ALFS) is added to enhance the existing acoustics suite. An added Multi-Mode Radar (MMR) includes an Inverse Synthetic Aperture Radar (ISAR) mode (permits stand-off classification of hostile threats). An improved Electronics Surveillance Measures (ESM) system will enable passive detection and targeting of radar sources not currently detectable. P3I includes upgrades to communication, navigation, IFF, Multi-Spectral Targeting System (MTS)/Forward Looking Infrared (FLIR), radar, weapons, data link, safety, maintenance, airframe and mission planning systems.

BASIS FOR FY 2009 BUDGET REQUEST:

The FY 2009 request funds the procurement of 31 aircraft and associated support. The common cockpits for the MH-60R and MH-60S are being procured under a Multiyear Procurement (MYP) contract (FY 2005 - FY 2008), with an option year in FY 2009. This budget reflects separate Airframe and Missions System MYP contracts (FY 2007-FY 2011) with limited EOQ.

FY2008 funding totals do not include \$ 205M previously requested for current FY2008 GWOT requirements.



Exhibit	P-5 Cost Analysis	Weapon System				DATE:		
	<u> </u>	MH-60R (MYP)				February 2008		
APPRO	OPRIATION/BUDGET ACTIVITY	ID Code	P-1 ITEM NOM	ENCLATURE				
AIRCRA	FT PROCUREMENT,NAVY/BA 1	A	MH-60R (MYP)					
			Dollars in Thou	usands				
Cost	Element of Cost	Prior Years		2007		2008		2009
		QTY: 27	QTY:	25	* QTY:	26	QTY:	31
		Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost
	AIRFRAME/CFE	389,009	14,292	357,292	14,980	389,474	14,963	463,84
	CFE ELECTRONICS	347,478	9,880	246,990	7,636	198,545	7,636	236,72
	GFE ELECTRONICS	64,609	1,576	39,405	4,003	104,080	4,475	138,72
	ENGINES / ENGINE ACC	25,674	1,181	29,521	1,281	33,316	1,307	40,51
	ARMAMENT							
	INSTRUMENTS							
	OTHER GFE	28,716	1,709	42,724	1,824	47,427	1,861	57,67
8	REC FLYAWAY ECO	4,170			569	2,191	579	17,93
(Rec Flyaway Cost	859,656	28,644	715,932	29,809	775,033	30,820	955,42
10	NON-RECURRING	213,034		22,782		8,925		3,25
11	ANCILLARY EQUIPMENT	85,780		46,573		58,140		80,73
12	MISCELLANEOUS							
13	Total Flyaway Cost	1,158,470	31,412	785,288	32,388	842,098	33,529	1,039,40
14	AIRFRAME PGSE	3,706		4,906		6,420		8,33
15	ENGINE PGSE	208		219		252		31
16	AVIONICS PGSE	33,429		18,468		19,650		49,78
17	PEC TRNG EQ	130,302		35,709		38,617		36,64
18	PUBS / TECH DATA	3,840		2,649		8,460		5,71
19	OTHER ILS	41,546		13,086		3,774		4,66
20	FACILITIES MANAGEMENT							
2	FIELD ACTIVITIES	94,136		21,395		32,982		32,22
22	PRODUCTION ENG SUPPORT	85,788		27,823		831		85
23	MISCELLANEOUS SUPPORT							
24	Support Cost	392,954		124,254		110,986		138,55
25	Gross P-1 Cost	1,551,424		909,542		953,084		1,177,95
26	Adv Proc Credit	-137,521		-116,544		-114,073		-132,95
27	Net P-1 Cost	1,413,903		792,998		839,011		1,045,00
28	Adv Proc CY	256,132		119,974		151,808		140,75
29	Weapon System Cost	1,670,035		912,972		990,819		1,185,76
	Initial Spares	175,419		4,247		1,354		4,26
	Procurement Cost	1,845,454		917,219		992,173		1,190,03
				•				

Note: *As a result of increased unit costs, FY08 funding procured 26 aircraft (one less than the 27 appropriated).

D. Remarks: The Airframe/CFE in FY07-FY11 will be procured using Army MYP contract. The Army will act as the Executive Agent for the Navy on this MY contract, but NAVAIR will have PCO rights post award. The date of first delivery represents airframe DD250 from Sikorsky to the Government. Airframe is then provided to Lockheed Martin Systems Integration (LMSI) as GFE/GFP for integration and installation of the mission avionics.

BUDGET PROCUREMENT HISTORY A	ND P	LANNING E	XHIBIT (P-5A)			Weapon System		A. DA		
						MH-60R (MYP)		Februar	y 2008	
B. APPROPRIATION/BUDGET ACTIV	ITY				C. P-1	ITEM NOMENCLATURE			SUBI	HEAD
AIRCRAFT PROCUREMENT,NAVY/BA	1				MH-60R	(MYP)			U1	SH
P-5A ENGINES / ENGINE ACC										
Cost Element/Fiscal Year	Qty	Unit Cost	Location of PCO	RFP Issue		Contractor and Location	Award Date	Date of First Delivery	Tech Data Available Now	Date Revisions Available
ENGINES										
FY 2007	50	590	ARMY	May-02	SS-FFP	GENERAL ELECTRIC CO, LYNN,MA	Nov-06	Aug-07	YES	N/A
FY 2008	52	641	ARMY	May-07	SS-FFP	GENERAL ELECTRIC CO, LYNN,MA	Jan-08	Aug-08	YES	N/A
FY 2009	62	654	ARMY	May-08	SS-FFP	GENERAL ELECTRIC CO, LYNN,MA	Nov-08	Aug-09	YES	N/A
										_
D. Remarks:										

BUDGET PROCUREMENT HI	ISTORY AN	ID PLANNIN	G EXHIBIT (P-5A)			Weapon System MH-60R (MYP)		A. DATE February	2008	
. APPROPRIATION/BUDGET ACTIVITY					C. P-1 ITEM NO	MENCLATURE			SUBHEAD	
Aircraft Procurement, Nav	vy/BA 1				MH-60R (MY	′ P)			U1SH	
Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	TECH DATA AVAILABLE NOW?	D REV AVA
CFE & GFE /Electronics (Common Co	ckpit)									
Y2007 Reg. (CFE Electronics) Y2007 AP for FY2008	25 N/A	1,852 N/A	NAVAIR NAVAIR	AUG 03 AUG 03	SS/MYP SS/MYP	Lockheed Martin-Owego, NY Lockheed Martin-Owego, NY	Dec-06 Dec-06	Jan-08 Nov-08	YES YES	1
Y2008 Reg. (GFE Electronics) Y2008 AP for FY2009	26 N/A	1,876 N/A	NAVAIR NAVAIR	AUG 03 AUG 03	SS/MYP SS/MYP	Lockheed Martin-Owego, NY Lockheed Martin-Owego, NY	Dec-07 Dec-07	Nov-08 Oct-09	YES YES	1
Y2009 Reg. (GFE Electronics) Y2009 AP for FY2010	31 N/A	1,914 N/A	NAVAIR NAVAIR	AUG 03 AUG 03	SS/MYP SS/MYP	Lockheed Martin-Owego, NY Lockheed Martin-Owego, NY	Dec-08 Dec-08	Oct-09 Oct-10	YES YES	1
CFE/Electronics (Mission Avionics)										
Y2007 Reg. Y2007 AP for FY2008	25 N/A	8,028 N/A	NAVAIR NAVAIR	Jul-06 Jul-06	SS/MYP SS/MYP	Lockheed Martin-Owego, NY Lockheed Martin-Owego, NY	Aug-07 Aug-07	Nov-08 Nov-09	YES YES	1
Y2008 Reg. Y2008 AP for FY2009	26 N/A	7,636 N/A	NAVAIR NAVAIR	Jul-06 Jul-06	SS/MYP SS/MYP	Lockheed Martin-Owego, NY Lockheed Martin-Owego, NY	Dec-07 Dec-07	Nov-09 Oct-10	YES YES	1
Y2009 Reg. Y2009 AP for FY2010	31 N/A	7,636 N/A	NAVAIR NAVAIR	Jul-06 Jul-06	SS/MYP SS/MYP	Lockheed Martin-Owego, NY Lockheed Martin-Owego, NY	Dec-08 Dec-08	Oct-10 Sep-11	YES YES	1

D. REMARKS

Mission Avionics date of first delivery represents when LMSI has completed the installation and integration effort and is the final DD250 of the overall MH-60R production and integration effort. In FY08 - FY13 Common Cockpit is captured as GFE Electronics.

CLASSIFICATION: UNCLASSIFIED

BUDGET PRODUCTION SCH	EDULE, I	P-21																DATE		Februa	ary 200	8								
APPROPRIATION/BUDGET A													١	Neapor	Syster	m		P-1 IT	EM NO		LATUR									
Aircraft Procurement, Navy/ BA	.1																	MH-60	R (MY	P)										
								Product	ion Ra	te							cureme	nt Lead	times											
			nufactu				0.0				• • • •		ALT Pri		P	ALT Afte	er	l .	Initial			Reorde							it of	
Item	Conor		e and Lo tric, Lyr	ocation			SR 6		ON 2		1AX 44		to Oct	1		Oct 1			Mfg PL	ı		Mfg PL ⁻ 8	<u> </u>		Total 11	l .			asure E	
Engines Common Cockpit (MYP)				rego N	,		2		6		44 30	-	3			3		<u> </u>				22		<u> </u>	25		-		E E	
Airframe			raft, Str				2		4		18	1	3			3						31			34				<u>Е</u> Е	
Mission Systems Avionics				rego N	Y		2		6		10		3			3						34			37		1		E	
		1	I	I					YEAR 20		-	-											FISCAL Y	EAR 200					_	T
ITEM / MANUFACTURER	F	s	Q	D	В	200	5	1100/12	I LJ II C LO	.00		CALE	NDAR YEA	AR 2006					2006				1100/12 1		NDAR YE	AR 2007				1
	Υ	V	Т	E	Α	0	N	D	J.	F	М	Α	М	J	J.	А	S	0	N	D	J.	F	M	Α	М	J	J	Α	S	В
		С	Υ	L	L	С	0	E	Ā	E	A	P	A	Ü	Ū	U	E	С	0	E	Ā	E	Α	P	Α	Ü	U	U	E	A L
						T	V	С	N	В	R	R	Υ	N	L	G	P	T	V	С	N	В	R	R	Υ	N	L	G	Р	↓
Engine Common Cockpit	06 06	N N	24 12	0	24 12	<u> </u>		1			A	1		1				-		1	2	2	2	4	2	2	2	1		0
Airframe	06	N N	12	0	12			1			1	1	-	1			-			1		-				+ 2		1	2	9
Airframe	06	Α	49	0	49	1									1		2	2		7	3	4	5	7	6	6	2	2		3
Avionics (MH-60R)	06	N	12	0	12																									12
Engine	0.7	, , , , , , , , , , , , , , , , , , ,	50	_		-		1			-	-								-					-			-	-	H.,
Engine Common Cockpit	07 07	N N	50 25	0	50 25	1		1	Α		-	-							Α	-					-	-	1	4	4	42 25
Airframe	07	N	25	0	25	!	1	1		1		1	Α	1	 		1	1		ļ				 		1	1-	1	1	25
Airframe	07	Α	81	0	81																								2	79
Avionics	07	N	25	0	25								Α																	25
Casina	- 00	L.,	50	_		!	1	1		1		1						!							1	-	1	-		
Engine Common Cockpit	08 08	N N	52 26	0	52 26	1		1			-	-								Α					-	-	1	1		52 26
Airframe	08	N	26	0	26	!	1	1		1		1	1	1	 		1	1		_				 		1	1-	1	1	26
Airframe	08	Α	78	0	78			1										İ									1	1		78
Avionics (MH-60R)	08	N	26	0	26																							Α		26
				-	-	1		1				1	1	1			1	1		-					-		1	-	1	1
										1																			1	
· · · · · · · · · · · · · · · · · · ·				1	1	1			•		EIRCAL V	/EAD 200		1			1			1	•	1	EIRCAL V	EAD 200	10	1				
ITEM / MANUFACTURER	E	q	٥	п	В	200	7				FISCAL Y	YEAR 200		AI ENDAD	YEAD 20	108							FISCAL Y	EAR 200		AR 2000				
ITEM / MANUFACTURER	F Y	s v	Q T	D E	B A	200		l n			_	1	C	CALENDAR			s		N	D				CALE	NDAR YE				S	В
ITEM / MANUFACTURER						200 O C T	7 N O V	D E C	J A N	F E B	M A	A P R		J U N	YEAR 20 J U L	008 A U G	S E P	0 C T	N O V	D E C	J A N	F E B	M A R			J U N	J U L	A U G	S E P	B A L
	Ý	v C	T Y	E L	A L	O C T	N O	E	Α	F E	M A R	A P R	M A Y	J	J	A U	E	С	0	E	Ā	F E	M A	CALEI A P	M A	J	U		E	L
ITEM / MANUFACTURER Airframe Airframe		v	Т	E	Α	0 C	N O	E	A N	F E B	M A	A P	M A	J	J	A U	E	С	0	E	Ā	F E	M A	CALEI A P	M A	J	U	U	E	B A L
Airframe	Y Y	V C	T Y	E L	A L	O C T	N O V	E C	A N	F E B	M A R	A P R	M A Y	J	J	A U	E	С	0	E	Ā	F E	M A	CALEI A P	M A	J	U	U	E	L 0
Airframe Airframe Avionics (MH-60R)	96 06 06	V C N A	12 49 12	3 46 0	9 3 12	O C T 2 1	N O V	E C	1 1	F E B	M A R	A P R 2	M A Y 1	J U N	J U L	A U G	E P	С	0	E	Ā	F E	M A	CALEI A P	M A	J	U	U	E	0 0 0
Airframe Airframe Avionics (MH-60R)	06 06 06 06	V C N A N	T Y 12 49 12 50	3 46 0	9 3 12	O C T	N O V	E C	1 1 4	F E B 1	M A R 1 1 4	A P R 2 2 4	M A Y 1 1 1 4	J U N	J U L	A U G	E P	CT	0	E	Ā	F E	M A	CALEI A P	M A	J	U	U	E	0 0 0
Airframe Airframe Avionics (MH-60R)	96 06 06	V C N A	12 49 12 50 25	3 46 0	9 3 12 42 25	O C T 2 1	N O V	E C	1 1	F E B	M A R	A P R 2	M A Y 1	J U N	J U L	A U G	E P	С	O V	E	Ā	F E	M A R	CALEI A P R	M A Y	J	U	U	E	0 0 0 0
Airframe Airframe Avionics (MH-60R) Engine Common Cockpit Airframe Airframe	06 06 06 07 07 07 07	V C N A N N N N A	T Y 12 49 12 50 25 25 81	3 46 0	9 3 12 42 25 25 79	O C T 2 1	N O V	E C	1 1 4	F E B 1	M A R 1 1 4	A P R 2 2 4	M A Y 1 1 1 4	J U N	J U L	A U G 2	E P 1 1	C T	0	E C	AN	F E B	M A	CALEI A P	M A	J U N	L	U	E	0 0 0 0 0 0
Airframe Airframe Avionics (MH-60R) Engine Common Cockpit Airframe	06 06 06 07 07	V C N A N N N N N	12 49 12 50 25 25	3 46 0 8 0	9 3 12 42 25 25	O C T 2 1	N O V	1 4	1 1 4 5	F E B 1 1 1 4 3	M A R 1 1 4 2	A P R 2 2 4 2	M A Y 1 1 1 4 3	J U N	J U L 2 6 4	A U G 2 2 1 2 2	1 1 2	C T 2 2 2	0 V	E C 2	A N 2	F E B	M A R	A P R	M A Y	J U N	U L	U G	E P	0 0 0 0 0
Airframe Airframe Avionics (MH-60R) Engine Common Cockpit Airframe Avionics (MH-60R)	06 06 06 06 07 07 07 07 07	V C N A N N N A N N	T Y 12 49 12 50 25 81 25	8 0 0 2 0	9 3 12 42 25 25 79 25	O C T 2 1	N O V	1 4	A N 1 1 1 4 5 5 5	F E B 1 1 1 4 3	M A R 1 1 4 2	A P R 2 2 4 2	M A Y 1 1 1 4 3	J U N	J U L 2 6 4	2 2 1 2 5	1 1 2 3	2 2 3	0 V	2 1 2	2 3 2	F E B B	M A R	CALEI A P R 2 2 3 2	M A Y	J U N	2 1 2	U G	E P	0 0 0 0 0 0 0 2 2
Airframe Airframe Avionics (MH-60R) Engine Common Cockpit Airframe Airframe Avionics (MH-60R) Engine	06 06 06 07 07 07 07 07 07	V C N A N N N N N N N N N N N N N N N N N	T Y 12 49 12 50 25 25 81 25 52	8 0 0 2 0	9 3 12 42 25 25 79 25	O C T 2 1	N O V	1 4	1 1 4 5	F E B 1 1 1 4 3	M A R 1 1 4 2	A P R 2 2 4 2	M A Y 1 1 1 4 3	J U N	J U L 2 6 4	A U G 2 2 1 2 2	1 1 2	C T 2 2 2	2 2 2 2	2 1 2 4	2 3 2	F E B B 2 2 3 2 2 4	M A R	CALEI A P R 2 3 2	M A Y	3 1 2	2 1 2 6	U G	1 3	0 0 0 0 0 0 2 2
Airframe Airframe Avionics (MH-60R) Engine Common Cockpit Airframe Avionics (MH-60R)	06 06 06 06 07 07 07 07 07	V C N A N N N A N N	T Y 12 49 12 50 25 81 25	8 0 0 2 0	9 3 12 42 25 25 79 25	O C T 2 1	N O V	1 4	A N 1 1 1 4 5 5 5	F E B 1 1 1 4 3	M A R 1 1 4 2	A P R 2 2 4 2	M A Y 1 1 1 4 3	J U N	J U L 2 6 4	2 2 1 2 5	1 1 2 3	2 2 3	0 V	2 1 2	2 3 2	F E B B	M A R	CALEI A P R 2 2 3 2	M A Y	J U N	2 1 2	U G	E P	0 0 0 0 0 0 2 2 2
Airframe Airframe Airframe Avionics (MH-60R) Engine Common Cockpit Airframe Airframe Avionics (MH-60R) Engine Common Cockpit	06 06 06 07 07 07 07 07 07	V C N A N N N N N N N N N A A N N N N N N	T Y 12 49 12 50 25 25 81 25 52 26	8 0 0 0 0 0 0 0	9 3 12 42 25 25 79 25 52 26	O C T 2 1	N O V	1 4 5 5	A N 1 1 1 4 5 5 5	F E B 1 1 1 4 3	M A R 1 1 4 2	A P R 2 2 4 2	M A Y 1 1 1 4 3	J U N	J U L 2 6 4	2 2 1 2 5	1 1 2 3	2 2 3	2 2 2 2	2 1 2 4	2 3 2	F E B B 2 2 3 2 2 4	M A R	CALEI A P R 2 3 2	M A Y	3 1 2	2 1 2 6	U G	1 3	0 0 0 0 0 0 0 2 2 2 0 0 0 2 2 2
Airframe Airframe Avionics (MH-60R) Engine Common Cockpit Airframe Avionics (MH-60R) Engine Common Cockpit Airframe Avionics (MH-60R)	06 06 06 07 07 07 07 07 07 07 08	N A N N N N N N N N N N N N N N N N N N	T Y 12 49 12 50 25 25 81 25 52 26 26 26	8 0 0 0 2 0 0 0	9 3 12 42 25 25 79 25 52 26 26	O C T 2 1	N O V	1 4 5 5	A N 1 1 1 4 5 5 5	F E B 1 1 1 4 3	M A R 1 1 4 2	A P R 2 2 4 2	M A Y 1 1 1 4 3	J U N	J U L 2 6 4	1 2 5	1 1 2 3 3 4 4	2 2 2 3	2 2 2 2 2	2 1 2 4 2	2 3 2 4 2	F E B B 2 3 2 2 4 4 2	M A R R 2 2 3 2 2 4 4 2 2	CALEI A P R R 2 3 2 4 4 2	MA A Y	3 1 2 6 2	2 1 2 1 2	U G	1 3	0 0 0 0 0 0 2 2 2 0 0 2 2 2 2
Airframe Airframe Airframe Avionics (MH-60R) Engine Common Cockpit Airframe Airframe Avionics (MH-60R) Engine Common Cockpit Airframe Airframe Avionics (MH-60R)	06 06 06 07 07 07 07 07 07 07 08 08	N A N N A N N N N N N N N N N N N N N N	12 49 12 50 25 25 25 81 25 26 26 26 26	8 0 0 2 0 0 0 0 0 0	9 3 12 42 25 25 79 25 52 26 26 26 26	O C T 2 1	N O V	1 4 5 5	A N 1 1 1 4 5 5 5	F E B 1 1 1 4 3	M A R 1 1 4 2	A P R 2 2 4 2	M A Y 1 1 1 4 3	J U N	J U L 2 6 4	1 2 5	1 1 2 3 3 4 4	2 2 2 3	2 2 2 2 2 5	2 1 2 4 2	2 3 2 4 2	F E B B 2 3 2 2 4 4 2	M A R R 2 2 3 2 2 4 4 2 2	CALEI A P R R 2 3 2 4 4 2	MA A Y	3 1 2 6 2	2 1 2 1 2	1 2 3 2	1 1 3 3 2 2	0 0 0 0 0 0 0 2 2 2 0 0 0 2 2 2
Airframe Airframe Airframe Avionics (MH-60R) Engine Common Cockpit Airframe Airframe Avionics (MH-60R) Engine Common Cockpit Airframe Avionics (MH-60R) Engine Avionics (MH-60R) Engine Avionics (MH-60R)	06 06 06 07 07 07 07 07 07 08 08 08	V C N A N N N N N A N N N N N N N N N N N	T Y 12 49 12 50 25 25 81 25 26 26 78 26 62	8 0 0 0 2 0 0 0 0 0 0 0 0 0 0	9 3 12 42 25 79 25 52 26 26 78 26	O C T 2 1	N O V	1 4 4 5 5 A	A N 1 1 1 4 5 5 5	F E B 1 1 1 4 3	M A R 1 1 4 2	A P R 2 2 4 2	M A Y 1 1 1 4 3	J U N	J U L 2 6 4	1 2 5	1 1 2 3 3 4 4	2 2 2 3	2 2 2 2 2	2 1 2 4 2	2 3 2 4 2	F E B B 2 3 2 2 4 4 2	M A R R 2 2 3 2 2 4 4 2 2	CALEI A P R R 2 3 2 4 4 2	MA A Y	3 1 2 6 2	2 1 2 1 2	U G	1 3	0 0 0 0 0 0 2 2 2 0 0 0 2 2 2 2 6 54
Airframe Airframe Airframe Avionics (MH-60R) Engine Common Cockpit Airframe Airframe Avionics (MH-60R) Engine Common Cockpit Airframe Airframe Avionics (MH-60R)	06 06 06 07 07 07 07 07 07 07 08 08	N A N N A N N N N N N N N N N N N N N N	12 49 12 50 25 25 25 81 25 26 26 26 26	8 0 0 2 0 0 0 0 0 0	9 3 12 42 25 25 79 25 52 26 26 26 26	O C T 2 1	N O V	1 4 5 5	A N 1 1 1 4 5 5 5	F E B 1 1 1 4 3	M A R 1 1 4 2	A P R 2 2 4 2	M A Y 1 1 1 4 3	J U N	J U L 2 6 4	1 2 5	1 1 2 3 3 4 4	2 2 2 3	2 2 2 2 2 5	2 1 2 4 2	2 3 2 4 2	F E B B 2 3 2 2 4 4 2	M A R R 2 2 3 2 2 4 4 2 2	CALEI A P R R 2 3 2 4 4 2	MA A Y	3 1 2 6 2	2 1 2 1 2	1 2 3 2	1 1 3 3 2 2	0 0 0 0 0 0 2 2 2 2 26 26 54
Airframe Airframe Avionics (MH-60R) Engine Common Cockpit Airframe Avionics (MH-60R) Engine Common Cockpit Airframe Avionics (MH-60R) Engine Common Cockpit Airframe Airframe Airframe Airframe Engine Common Cockpit Common Cockpit Common Cockpit Common Cockpit Common Cockpit Common Cockpit Common Cockpit	06 06 06 07 07 07 07 07 07 08 08 08 08 08	N N N N N N N N N N N N N N N N N N N	T Y 12 49 12 50 25 25 81 25 26 26 78 26 31	8 0 0 0 2 0 0 0 0 0 0 0	9 3 112 42 25 25 25 79 25 26 26 26 26 78 26 26 31 31 31 64	O C T 2 1	N O V	1 1 5 A A A	A N 1 1 1 4 5 5 5	F E B 1 1 1 4 3	M A R 1 1 4 2	A P R 2 2 4 2	M A Y 1 1 1 4 3	J U N	J U L 2 6 4	1 2 5	1 1 2 3 3 4 4	2 2 2 3	2 2 2 2 2 5	2 1 2 4 2	2 3 2 4 2	F E B B 2 3 2 2 4 4 2	M A R R 2 2 3 2 2 4 4 2 2	CALEI A P R R 2 3 2 4 4 2	MA A Y	3 1 2 6 2	2 1 2 1 2	1 2 3 2	1 1 3 3 2 2	0 0 0 0 0 0 0 0 2 2 2 26 26 26 26 31 31 47
Airframe Airframe Avionics (MH-60R) Engine Common Cockpit Airframe Avionics (MH-60R) Engine Common Cockpit Airframe Avionics (MH-60R) Engine Common Cockpit Airframe Airframe Airframe Avionics (MH-60R) Engine Common Cockpit Airframe Avionics (MH-60R)	06 06 06 07 07 07 07 07 07 08 08 08 08	N A N N N N N N N N N N N N N N N N N N	T Y 12 49 12 50 25 81 25 26 26 26 26 31 31 31	8 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	9 3 12 42 25 25 79 25 52 26 26 26 26 31 31	O C T 2 1	N O V	1 1 5 A A A	A N 1 1 1 4 5 5 5	F E B 1 1 1 4 3	M A R 1 1 4 2	A P R 2 2 4 2	M A Y 1 1 1 4 3	J U N	J U L 2 6 4	1 2 5	1 1 2 3 3 4 4	2 2 2 3	2 2 2 2 2 5	2 1 2 4 2	2 3 2 4 2	F E B B 2 3 2 2 4 4 2	M A R R 2 2 3 2 2 4 4 2 2	CALEI A P R R 2 3 2 4 4 2	MA A Y	3 1 2 6 2	2 1 2 6 3	1 1 2 3 2 4 4	1 3 3 2 4	0 0 0 0 0 0 0 0 2 2 2 26 26 26 26 31 31 47
Airframe Airframe Airframe Avionics (MH-60R) Engine Common Cockpit Airframe Avionics (MH-60R) Engine Common Cockpit Airframe Avionics (MH-60R) Engine Common Cockpit Airframe Airframe Avionics (MH-60R) Engine Common Cockpit Airframe Avionics (MH-60R)	06 06 06 07 07 07 07 07 07 07 08 08 08 08 08	V C N A A N N N A A N N N A A N N N A A N N N N A A N N N N N A A N N N N N N A A N N N N N A A N N N N N N A A N N N N N A A N N N N N N A A N N N N N N A A N N N N N N N A A N N N N N N N A A N	T Y 12 49 12 50 25 25 25 26 26 78 26 31 31 64 31	8 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	A L 9 9 3 112 42 25 25 25 26 26 26 78 26 31 31 64 31	O C T 2 1	N O V	1 4 4 5 5 A A A A A	A N 1 1 1 4 5 5 5	F E B 1 1 1 4 3	M A R 1 1 4 2	A P R 2 2 4 2	M A Y 1 1 1 4 3	J U N	J U L 2 6 4	1 2 5	1 1 2 3 3 4 4	2 2 2 3	2 2 2 2 2 5	2 1 2 4 2	2 3 2 4 2	F E B B 2 3 2 2 4 4 2	M A R R 2 2 3 2 2 4 4 2 2	CALEI A P R R 2 3 2 4 4 2	MA A Y	3 1 2 6 2	2 1 2 6 3	1 1 2 3 2 4 4	1 3 3 2 4	0 0 0 0 0 0 0 0 0 0 0 0 0 0 2 2 2 2 2 2
Airframe Airframe Avionics (MH-60R) Engine Common Cockpit Airframe Airframe Avionics (MH-60R) Engine Common Cockpit Airframe Avionics (MH-60R) Engine Common Cockpit Airframe Avionics (MH-60R) Engine Common Cockpit Airframe Avionics (MH-60R) Engine Avionics (MH-60R)	06 06 06 07 07 07 07 07 07 07 07 08 08 08 08 09 09	V C N A N N N N N N N N	12 49 12 50 25 25 25 81 25 26 26 78 26 62 31 31 64	8 8 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	9 3 12 42 25 79 25 52 26 78 26 62 31 31 64 31	O C T 2 1	N O V	1 4 4 5 5 A A A A A	A N 1 1 1 4 5 5 5	F E B 1 1 1 4 3	M A R 1 1 4 2	A P R 2 2 4 2	M A Y 1 1 1 4 3	J U N	J U L 2 6 4	1 2 5	1 1 2 3 3 4 4	2 2 2 3	2 2 2 2 2 5	2 1 2 2 4 2 5	2 3 2 4 2	F E B B 2 3 2 2 4 4 2	M A R R 2 2 3 2 2 4 4 2 2	CALEI A P R R 2 3 2 4 4 2	MA A Y	3 1 2 6 2	2 1 2 6 3	1 1 2 3 2 4 4	1 3 3 2 4	0 0 0 0 0 0 0 0 0 2 2 2 2 2 2 2 2 2 2 2
Airframe Airframe Airframe Avionics (MH-60R) Engine Common Cockpit Airframe Avionics (MH-60R) Engine Common Cockpit Airframe Avionics (MH-60R) Engine Common Cockpit Airframe Airframe Avionics (MH-60R) Engine Common Cockpit Airframe Avionics (MH-60R)	06 06 06 07 07 07 07 07 07 07 08 08 08 08 08	V C N A A N N N A A N N N A A N N N A A N N N N A A N N N N N A A N N N N N N A A N N N N N A A N N N N N N A A N N N N N A A N N N N N N A A N N N N N N A A N N N N N N N A A N N N N N N N A A N	T Y 12 49 12 50 25 25 25 26 26 78 26 31 31 64 31	8 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	A L 9 9 3 112 42 25 25 25 26 26 26 78 26 31 31 64 31	O C T 2 1	N O V	1 4 4 5 5 A A A A A	A N 1 1 1 4 5 5 5	F E B 1 1 1 4 3	M A R 1 1 4 2	A P R 2 2 4 2	M A Y 1 1 1 4 3	J U N	J U L 2 6 4	1 2 5	1 1 2 3 3 4 4	2 2 2 3	2 2 2 2 2 5	2 1 2 2 5 5 A A A	2 3 2 4 2	F E B B 2 3 2 2 4 4 2	M A R R 2 2 3 2 2 4 4 2 2	CALEI A P R R 2 3 2 4 4 2	MA A Y	3 1 2 6 2	2 1 2 6 3	1 1 2 3 2 4 4	1 3 3 2 4	0 0 0 0 0 0 0 2 2 2 2 2 2 2 2 2 2 2 3 1 3 1 4 7 1 3 1 3 1 3 1 3 1 3 1 3 1 3 1 3 1 3 1
Airframe Airframe Airframe Avionics (MH-60R) Engine Common Cockpit Airframe Airframe Avionics (MH-60R) Engine Common Cockpit Airframe Avionics (MH-60R) Engine Common Cockpit Airframe Airframe Airframe Avionics (MH-60R)	06 06 06 07 07 07 07 07 07 08 08 08 08 08	N N N N N N N N N N N N N N N N N N N	12 49 12 50 25 25 81 25 26 26 26 26 26 26 26 31 31 31 31 43 49 49 49 49 49 49 49 49 49 49 49 49 49	8 8 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	9 3 12 42 25 25 79 25 26 26 26 26 26 31 31 31 64 31	O C T 2 1	N O V	1 4 4 5 5 A A A A A	A N 1 1 1 4 5 5 5	F E B 1 1 1 4 3	M A R 1 1 4 2	A P R 2 2 4 2	M A Y 1 1 1 4 3	J U N	J U L 2 6 4	1 2 5	1 1 2 3 3 4 4	2 2 2 3	2 2 2 2 2 5	2 1 2 2 4 2 5	2 3 2 4 2	F E B B 2 3 2 2 4 4 2	M A R R 2 2 3 2 2 4 4 2 2	CALEI A P R R 2 3 2 4 4 2	MA A Y	3 1 2 6 2	2 1 2 6 3	1 1 2 3 2 4 4	1 3 3 2 4	0 0 0 0 0 0 0 2 2 2 2 26 54 31 31 47 31

Remarks: For Common Cockpit, Airframe, and Mission Avionics the "A" represents award of the Advance Acquisition Agreement contract (AAC). Army quanitities includes FMS.

DD Form 2445, JUL 87 P-1 SHOPPING LIST 311 / 244 ITEM NO. 13

ITEM NO. 13 Exhibit P-21 Production Schedule

BUDGET PRODUCTION SCHED APPROPRIATION/BUDGET ACT Aircraft Procurement, Navy/ BA1		·-21											١	Neapor	Syster			MH-60	EM NOI	Februa MENCL P)										
							F	roduct	ion Rat	e								nt Leadt												
			nufactu										ALT Pri		P	ALT Afte	er		Initial			Reorde						Uni		
Item			and Lo				SR		8-5	M			to Oct	1		Oct 1		l l	Mfg PL	Γ	1	∕lfg PL	Γ		Total			Mea		
			ric, Lyn			(7		14			3			2						9			11		<u> </u>		<u> </u>	
Common Cockpit (MYP)			rtin,Ow				2		6	8			3			3						22			25		Ь—		<u>E</u>	
			aft, Stra		,	1	2	2	6	4			3			3						31 34			34 37		├		E E	
Mission Systems Avionics	LOCKITE	eu ivia	run,Ow	ego in i		_	2	3	0							3													<u> </u>	_
ITEM / MANUFACTURER	F	s	Q	D	В		2009				FISCAL Y	EAR 201		ALENDAR									FISCAL Y	EAR 2011	IDAR YE					4
TEM/ WANDPACTOREK	Y	v C	T Y	E	A L	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L
Avionics (MH-60R)	07	N	25	23	2	2																				-	\vdash	\vdash		0
Airframe	07	Α	81	79	2	2																								0
Airframe	08	N	26	4	22	2	2	2	2	2	3	3	3	3				L.,										\vdash		0
Airframe Avionics (MH-60R)	08 08	A N	78 26	52 0	26 26		2	2	2	1 2	2	2	2	3	3	3	3	1	-	-	1	1	1	1	1	1	1	1	1	3 0
AVIOLICS (WITPOUT)	UU	IN	20	v	20					-		<u> </u>		3	3	3	3		-							+-	H	H	 	+ "
Engine	09	N	62	8	54	6	6	6	6	6	6	4	4	4	6	1	1												t	0
Common Cockpit	09	N	31	0	31	2	2	3	3	3	3	3	2	2	2	3	3													0
Airframe	09	N	31	0	31										3	2	3	3	3	2	3	3	3	3	3					0
Airframe	09	A	64	17	47	5	5	5	6	6	5	5	5	5	ļ	ļ <u> </u>	ļ					_		_			\Box	\vdash	<u> </u>	0
Avionics (MH-60R)	09	N	31	0	31									ļ		ļ	ļ	2	2	3	3	3	3	3	3	3	3	3		0
Engine	10	N	54	0	54		Α		.						.	4	4	4	4	6	4	6	4	6	4	4	4	\vdash	-	0
Common Cockpit	10	N	27	0	27											Ė	Ė	2	3	2	2	3	2	3	3	3	2	2	†	0
Airframe	10	N	27	0	27																					3	3	3	3	15
Airframe	10	Α	73	0	73										7	7	6	7	5	5	5	6	7	6	6	6	$ldsymbol{\square}$	$ldsymbol{\sqcup}$		0
Avionics (MH-60R)	10	N	27	0	27				<u> </u>	ļ	<u> </u>					ļ			<u> </u>							<u> </u>	└──	└	2	25
Engine	11	N	56	0	56									ļ		ļ	ļ		Α							<u> </u>		4	4	48
Common Cockpit	11	N	28	0	28			Α											^							+			3	25
Airframe	11	N	28	0	28			A																		\vdash			T -	28
Airframe	11	Α	47	0	47																						5	5	5	32
Avionics (MH-60R)	11	N	28	0	28			Α																						28
Facility	40		50	0	50																							igspace	<u> </u>	50
Engine Common Cockpit	12 12	N N	25	0	25															Α						+'	lacksquare	\vdash		25
Airframe	12	N	25	0	25															A						+-	\vdash	$\vdash \vdash$		25
Airframe	12	Α	52	0	52																								1	52
Avionics (MH-60R)	12	N	25	0	25															Α										25
											FISCAL Y	FΔR 201	2										FISCAL Y	EAR 2013			—			+
ITEM / MANUFACTURER	F	s	Q	D	В	201	1							ALENDAR	YEAR 20	012									IDAR YEA	AR 2013				1
	Y	V	Т	E	Α	0	N	D	J	F	M	Α	М	J	J	A	S	0	N	D	J	F	M	А	М	J	J	Α	S	В
		С	Υ	L	L	С	0	E	Ā	E	A	P	A	U	U	U	E	C	0	E	Α	E	Α	P	Α	U	U	U	E	A L
						T	V	С	N	В	R	R	Υ	N	L	G	P	Т	V	С	N	В	R	R	Y	N	L	G	Р	
Airframe Airframe	08 08	N	26 78	26 75	3		1	_																		4	igsquare	\vdash	↓	0
Alliane	UB	Α	/8	/5	3	1	1	1		1			-					-							-	 	┢	\vdash	├	+-0
Airframe	10	N	27	12	15	3	3	3	3	3			1	1	1	1	1		-							+-	H	H	 	0
Avionics (MH-60R)	10	N	27	2	25	2	3	2	3	3	3	3	3	3																0
Engine	11	N	56	8	48	6	6	6	6	6	6	4	4	4																0
Common Cockpit Airframe	11 11	N N	28 28	3	25 28	3	3	3	3	3	3	3	2	3	3	3	3	3	2	2						 	⊢	\vdash		0
Airframe	11	A	47	15	32	5	4	4	4	3	3	3	3	3	3	3	3	- 3	-							 		\vdash	-	0
Avionics (MH-60R)	11	N	28	0	28	Ť	<u> </u>		<u> </u>	Ť		Ť	Ť		3	3	3	3	3	3	3	3	2	2					—	0
Engine	12	N	50	0	50		Α								4	4	4	4	4	6	4	4	4	4	4	4	└ ──	╙	↓	0
Common Cockpit	12	N	25	0	25				!				1	1	2	2	2	2	2	3	2	2	2	2	2	2	_	3	⊢	0
Airframe Airframe	12 12	N A	25 52	0	25 52	-				1		-	-		5	5	5	5	4	4	2	4	2	2	4	3	3	3	3	3
Avionics (MH-60R)	12	N	25	0	25	1	-		 	l			1	 	5	- 5	9	5	"	-	-	-	-		2	2	2	2	2	1
	-12			Ť	- 20													1							-	t f	F	\vdash	<u> </u>	+-
Engine	13	N	54	0	54														Α								4	4	4	4:
	13	N	27	0	27			Α																			3	2	2	2
Common Cockpit		N	27	0	27	1		Α	_	1				1 -		1 _	1 -									1 7	1 7	1 7		2
Common Cockpit Airframe	13													_																
Common Cockpit	13 13 13	A N	60 27	0	60 27			Α																		<u> </u>	5	5	5	45 27

DD Form 2445, JUL 87 311 / 244 P-1 SHOPPING LIST ITEM NO. 13

Exhibit P-21 Production Schedule

	В	UDGET	ITEM JUST	IFICATION	SHEET			DATE:			
			P-40						February 200	08	
APPROPRIATION/	BUDGET ACTIVIT	ΓΥ				P-1 ITEM NO	MENCLATURE				
Aircraft Procure	ement, Navy/(BA-1)				018200, MF	H60R Advan	ce Procurem	ent (MYP)		
Program Element fo	or Code B Items:					Other Related	Program Elem	ents			
PE 0204243N						0604216N I	Multi Mission	Helicopter l	Jpgrade Dev	elopment	
	Prior	ID								То	
	Years	Code	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	Complete	
COST (In Millions)	256.132	А	119.974	151.808	140.759	152.438	166.848	156.202	152.157	43.348	1,

MISSION AND DESCRIPTION:

The MH-60R Multi-Mission helicopter provides battle group protection and adds significant capability in coastal littorals and regional conflicts. The MH 60R Multi-Mission Helicopter represents a significant avionics improvement to the H-60 series helicopters by enhancing primary mission areas of Undersea Warfare (USW) and Surface Warfare (SUW). Airborne Low Frequency Sonar (ALFS) will be added to enhance the existing acoustic suite. An added Multi-Mode Radar (MMR) includes an Inverse Synthetic Aperture Radar (ISAR) mode (permits stand-off classification of hostile threats). An improved Electronics Surveillance Measures system (ESM) will enable passive detection and targeting of radar sources not currently detectable.

BASIS FOR FY 2009 BUDGET REQUEST:

FY 2009 advance procurement funds are requested for procurement of long lead items in support of the FY 2010 aircraft procurement. This covers Airframe and Avionics Contractor Furnished Equipment (CFE) which includes Termination Liability (TL), and long lead items for miscellaneous Avionics Government Furnished Equipment (GFE). The common cockpits for the MH-60R and MH-60S are being procured under a Multiyear Procurement (MYP) contract (FY 2005 - FY 2008), with an option year in FY 2009. The Common Cockpit MYP funding reflects applicable EOQ requirements. This budget reflects Airframe and Missions System multi-year procurement contracts (FY 2007-FY 2011) with limited EOQ.

CLASSIFICATION: UNCLAS

Exhibit P-10 Advance Procurement	Require	ments An	alysis		Date:	February 200	8					
(Page 1 - Funding) Appropriation (Treas) Code/CC/BA Aircraft Procurement, Navy/BA-1	A/BSA/Ite	em Contro	ol Number			em Nomenclat		<u> </u>				
Weapon System MH-60R (MYP)				First Syster	n (BY1) Aw	ard Date	Interval Bety Monthly	veen Systems				
MH-60R (M I P)					(\$ i	n Millions)	Monuny					
	PLT	When Rqd	Prior Years	FY2007	FY2008	FY2009	FY2010	FY2011	FY2012	FY 2013	To Complete	Total
End Item Qty			27	25	26	31	27	28	25	27	36	252
CFE - Airframe T.L	31		91.811									91.811
MYP/LL EOQ												
FY2008				42.243								
FY2009				1.793	45.152							
FY2010				0.896	5.761	58.865						
FY2011				0.896	4.431	1.801	65.222					
FY2012-2015								71.389	66.775	65.028	18.504	
Total CFE - Airframe				45.828	55.344	60.666	65.222	71.389	66.775	65.028	18.504	448.756
CFE - Avionics T.L/Other	34		110.373									110.373
MYP/LL EOQ												
FY2008				51.129								
FY2009				2.191	56.618							
FY2010				1.096	7.148	56.342						
FY2011				1.096	5.499	2.201	63.070					
FY2012-2015								71.389	66.775	65.028	18.504	
Total CFE - Avionics				55.512	69.265	58.543	63.070	71.389	66.775	65.028	18.504	468.086
Common Cockpit	22											
MYP LL/ EOQ												
FY2005			7.550									
FY2006			10.034									
FY2007			20.490									
FY2008			2.067	17.809								
FY2009					24.553							
FY2010-2014						20.692	23.205	23.243	21.741	21.172	6.025	
Total Common Cockpit			40.141	17.809	24.553	20.692	23.205	23.243	21.741	21.172	6.025	198.581
GFE Misc. Avionics	var.	var.	13.807	0.825	2.645	0.858	0.941	0.827	0.911	0.929	0.316	22.060
Total AP			256.132	119.974	151.808	140.759	152.438	166.848	156.202	152.157	43.348	1,339.666
												,

Description:

Airframe & Avionics Contractor Furnished Equipment (CFE) Termination Liability (T.L.) and miscellaneous Avionics GFE long lead requirements which are necessary to maintain the MH-60R delivery schedule. The Airframe, Mission Systems and Common Cockpit MYP funding reflects applicable EOQ requirements.

Note: Totals may not add due to rounding.

Exhibit P-10, Advance Procurement Requirements Analysis

Exhibit P-10 Advance Pro	ocuremen	t Require	ements Anal	ysis			Date:		
(Page 2 - Budget Justifica		-						February 2008	
Appropriation (Treasury)	Code/CC	/BA/BS	A/Item Cont	rol Number	Weapon System		P-1 Line Item 1	Nomenclature	
Aircraft Procurement, Na	vy/BA-1				MH-60R (MYP)		MH-60R Adva	nce Procurement (MY	(P)
					(TOA, \$ in Million	ns)			,
					FY 2008	FY 2008			
				FY 2008 for	Contract	Total Cost	FY 2009 for	FY 2009 Contract	FY 2009 Total
	PLT	QPA	Unit Cost	FY 2009 Qty	Forecast Date	Request	FY 2010 Qty	Forecast Date	Cost Request
End Item				31		_	27		
CFE - Airframe T.L.	31	1			Dec-07	55.3		Dec-08	60.7
CFE - Avionics T.L.	34	1			Dec-07	69.3		Dec-08	58.5
Common Cockpit MYP	22	1			Dec-07	24.6		Dec-08	20.7
, , , , , , , , , , , , , , , , , , ,									
GFE Misc Avionics	Var	Var			Var	2.6		Var	0.9
Total Advance Proc						151.8			140.8
Description: Note: Totals may not add o	lue to roun	ding.							

Exhibit P-10, Advance Procurement Funding

	В	UDGET	TITEM JUST	TFICATION	SHEET			DATE:			
			P-40							February 20	08
APPROPRIATION/BUDG	GET ACTIVIT	Υ				P-1 ITEM NON	//ENCLATURE				
Aircraft Procureme	nt, Navy/E	3A-1				019300, P-	BA MMA Ad	vanced Pro	curement		
Program Element for Co	de B Items:					Other Related	Program Elem	ents			
		06055	00N								
	Prior	ID								То	
	Years	Code	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	Complete	Total
COST											
(In Millions)		В			\$110.568	\$158.958	\$185.753	\$240.501	\$242.915	\$1,119.000	\$2,057.695

DESCRIPTION:

The P-8A Multi-mission Maritime Aircraft (MMA) program provides the replacement systems for the aging P-3 aircraft. The Advanced Procurement funds the long lead time items required for production of the aircraft.

BASIS FOR FY 2009 BUDGET REQUEST:

Advanced procurement funding is required in FY09 for long lead requirements associated with the procurement of 6 aircraft in FY 2010 and also to meet the 24 month lead time to secure a Boeing Commercial Aircraft (BCA) 737 production line slots for the FY 2011 aircraft.

Page 1 of 3 CLASSIFICATION: UNCLASSIFIED

Exhibit P-10 Advance Proc	urement	t Require	ments Ar	alysis	Date:	Februa	ry 2008					
(Page 1 - Funding)												
Appropriation (Treas) Code	e/CC/BA	A/BSA/Ite	em Contr	ol Number	P-1 Line Ite	m Nomenclati	ure					
Aircraft Procurement	t, Navy	//BA-1			019300, F	-8A MMA A	dvanced Pro	curement				
Weapon System				First System	(BY1) Awar	d Date	Interval Betw	een Systems				
019300, P-8A MM	Α				May-09							
					(\$ in	Millions)						
		When	Prior								То	
	PLT	Rqd	Years	FY2007	FY2008	FY2009	FY2010	FY2011	FY2012		Com	Total
End Item Qty							6	8	10	13	71	108
CFE - Airframe /												
Electronics (T.L.)						102.668	149.158	172.953	227.301	229.315	###	1,950.095
Production Line Slot *												
FY11						7.900						7.900
FY12							9.800					9.800
FY13								12.800				12.800
To Complete									13.200	13.600	###	77.100
Total AP						110.568	158.958	185.753	240.501	242.915	###	2,057.695

Description:

The P-8A Multi-mission Maritime Aircraft (MMA) program provides the replacement systems for the aging P-3 aircraft. The Advanced Procurement funds the long lead time items required for production of the aircraft.

P-1 Shopping List Item No. 15

Exhibit P-10, Advance Procurement

^{*} Funding for the Boeing Commercial Aircraft (BCA) 737 production line slot 24 months prior to production.

Exhibit P-10 Advance Procure	ment Requi	rements A	nalysis				Date:	Februa	ry 2008
(Page 2 - Budget Justification))								-
Appropriation (Treasury) Code Aircraft Procurement, N			Control Number	er er	Weapon System 019300, P-8A MMA	\	P-1 Line Item Non 019300, P-8A M	nenclature IMA Advanced Procu	ırement
					(TOA, \$ in Millions))	•		
	PLT	QPA	Unit Cost	FY 2008 for FY 2009 Qty	FY 2008 Contract Forecast Date	FY 2008 Total Cost Request	FY 2009 for FY 2010 Qty	FY 2009 Contract Forecast Date	FY 2009 Total Cost Request
End Item		<u> </u>							
CFE - Airframe / Electronics (T.L.)							6	May-09	102.668
Production Line Slot							*	May-09	7.900
		<u> </u>		<u> </u>	-		+		
		<u> </u>	<u> </u>		+		+		-
				<u> </u>	+		+ +		<u> </u>
Total Advance Proc					+		6		110.568
Description:	* Funding f	for the Bo	eing Commer	cial Aircraft (BCA	a) 737 production line s	lot 24 months pric	or to production.		

P-1 Shopping List Item No. 15

Exhibit P-10, Advance Procurement Funding

		BUDGET I	TEM JUSTIF P-40		HEET				DATE:	Februa	ry 2008
APPROPRIATION/BUDGET AIRCRAFT PROCUREMEN		MBAT AIR					P-1 ITEM N 019500, E-2			S) HAWKEY	 E
Program Element for Code I	3 Items:	060423	4N	,			Other Relat	ed Program	Elements	,	
	Prior Years	ID Code	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Program
Quantity	42	В	2		3	3	4	4	4	52	114
Net P-1 Cost (\$M)	2,769.445		202.717		496.374	566.566	655.554	670.968	651.122	8,143.712	14,156.458
Advance Proc (\$M)	743.730			52.220	92.749	119.385	122.012	124.584	127.193	1,568.311	2,950.184
WPN Sys Cost (\$M)	3,513.175		202.717	52.220	589.123	685.951	777.566	795.552	778.315	9,712.023	17,106.642
Initial Spares (\$M)	148.558		.364		36.882	37.606	29.801	31.555	26.431	79.499	390.696
Proc Cost (\$M)	3,661.733		203.081	52.220	626.005	723.557	807.367	827.107	804.746	9,791.522	17,497.338
Unit Cost (\$M)	87.184		101.541		208.668	241.186	201.842	206.777	201.186	188.299	153.485

Description:

The E-2D Advanced Haw keye (AHE) is an all-w eather, twin engine, carrier-based, Airborne Early Warning (AEW) aircraft designed to extend task force defense perimeters. Key AHE objectives include: improved battle space target detection and situational awareness, especially in the littorals; support of Theater Air Missile Defense (TAMD) operations; and improved Operational Availability. The AHE mission is to provide advance warning of approaching enemy, surface units, and aircraft to vector interceptors or strike aircraft to attack, and to provide area surveillance, intercept, search and rescue, communications relay, and strike/air traffic control.

Basis for Request:

The FY2009 budget funds three E-2D AHE Low Rate Initial Production aircraft and their associated support.

Exhibit	P-5 Cost Analysis	Weapon System	1					DATE:
		E-2C/D (EARLY WA	RNING) HAWKEYE					February 200
APPRO	PRIATION/BUDGET ACTIVITY	ID Code		P-1 ITEM NOM	ENCLATURE			
AIRCRAF	T PROCUREMENT, NAVY / COMBAT AIRCRAFT (BA-1)	В		019500, E-2C/D (EA	RLY WARNING) H	AWKEYE		
					Dollars in Thou	sands		
							_	
Cost	Element of Cost	Prior Years	FY 2			2008		/ 2009
		QTY: 42	QTY:	2	QTY:		QTY:	3
		Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost
	AIRFRAME/CFE	1,777,705	81,746	163,493			91,816	275,44
2	CFE ELECTRONICS	757,073	10,728	21,456			49,642	148,92
3	GFE ELECTRONICS	188,056	76	151			11,755	35,26
4	ENGINES / ENGINE ACC	240,365	5,531	11,063			8,120	24,36
5	ARMAMENT							
6	INSTRUMENTS							
7	OTHER GFE	28,966	2,501	5,001			296	88
8	REC FLYAWAY ECO		·				5,658	16,97
9	Rec Flyaway Cost	2,992,165	100,581	201,163			167,286	501,85
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	, , , , , ,	,	, , , ,			. ,	,,,,
10	NON-RECURRING	83,178		451				9,37
	ANCILLARY EQUIPMENT							-,-
	MISCELLANEOUS							
	Total Flyaway Cost	3,075,343	100,807	201,614			170,410	511,22
14	AIRFRAME PGSE	33,641		464				2,69
15	ENGINE PGSE	91						86
	AVIONICS PGSE	8,423		1,813				6,29
	PEC TRNG EQ	56,867		3,148				4,88
	PUBS / TECH DATA	20,170		1,936				4,27
	OTHER ILS	21,500		8,208				-,
	FACILITIES MANAGEMENT	21,000		0,200				
	FIELD ACTIVITIES							
	PRODUCTION ENG SUPPORT	243,234		39,440				18,33
	MISCELLANEOUS SUPPORT	240,204		33,440				10,50
		383,926		55,009				37,36
24	Support Cost	363,926		55,009				37,30
25	Gross P-1 Cost	3,459,269		256,623				548,59
	Adv Proc Credit	-689,824		-53,906				-52,22
	Net P-1 Cost	2,769,445		202,717				-52,22 496,37
	Adv Proc CY	743,730		202,717		E2 220		496,37 92,74
				000 717		52,220		•
	Weapon System Cost	3,513,175		202,717		52,220		589,12
	Initial Spares	148,558		364				36,88
31	Procurement Cost	3,661,733		203,081		52,220		626,00

BUDGET PROCUREMENT HISTO	RY AND F	PLANNING	EXHIBIT (P-5A)			Weapon System		A. DA		
						E-2C/D (EARLY WARNING) HAW	KEYE			ruary 200
B. APPROPRIATION/BUDGET AC	CTIVITY				C. P-1	ITEM NOMENCLATURE			SUB	HEAD
			()			/_ /				
AIRCRAFT PROCUREMENT, NAV	Y / COMB	AT AIRCR	AFT (BA-1)		019500,	E-2C/D (EARLY WARNING) HAW	KEYE	ī	Y'	IA1
P-5A AIRFRAME/CFE				255				D	T . D .	5.
				RFP Issue	Contract Method &		Award	Date of First	Tech Data Available	Date Revisions
Cost Element/Fiscal Year	Qty	Unit Cost	Location of PCO	Date	Туре	Contractor and Location	Date	Delivery	Now	Available
AIRFRAME/CFE										
FY 2007 Regular (Multi-Year)	2	92,474	NAVAIR	Nov-03	SS-MYP	NORTHROP GRUMMAN SYS, NY	Oct-06	May-09	YES	N/A
FY 07 Advance Procurement for FY 08		N/A	N/A	N/A	N/A	N/A				
FY 2008 Regular	0	N/A	N/A	N/A	N/A	N/A				
FY 08 Advance Procurement for FY 09		TL	NAVAIR	Apr-07	AAC/FP	NORTHROP GRUMMAN SYS, NY	Dec-07	N/A	YES	N/A
FY 2009 Regular	3	142,863	NAVAIR	TBD	SS-FP	NORTHROP GRUMMAN SYS, NY	Jun-09	Jun-11	YES	N/A
FY 09 Advance Procurement for FY 10		TL	NAVAIR	TBD	AAC/FP	NORTHROP GRUMMAN SYS, NY	Mar-09			
D. Remarks:										
D. Remarks: Alpha-contracting of effort regarding p					D/00 A :	10				

BUDGET PROCUREMENT HISTOR	Y AND F	LANNING	EXHIBIT (P-5A)			Weapon System		A. DA	ГЕ	
						E-2C/D (EARLY WARNING) HAWKE	YE		Feb	ruary 200
B. APPROPRIATION/BUDGET ACT	TIVITY				C. P-1	ITEM NOMENCLATURE			SUB	HEAD
AIRCRAFT PROCUREMENT, NAVY	/ COMB	AT AIRCR	AFT (BA-1)		019500,	E-2C/D (EARLY WARNING) HAWKE	YE		Y [,]	1A1
P-5A ENGINES / ENGINE ACC										
Cost Element/Fiscal Year	Qty	Unit Cost	Location of PCO	RFP Issue Date	Contract Method & Type	Contractor and Location	Award Date	Date of First Delivery	Tech Data Available Now	Date Revisions Available
ENGINES										
FY 2007 FY 07 Advance Procurement for FY 08	*4	**2,079	NAVAIR N/A	Oct-06 N/A	SS-MYP N/A	ROLLS-ROYCE CORP, INDIANAPOLIS, IN N/A	Nov-06	Dec-08	YES	N/A
FY 2008 FY 08 Advance Procurement for FY 09	*0		N/A NAVAIR	N/A TBD	N/A AAC/FP	N/A ROLLS-ROYCE CORP, INDIANAPOLIS, IN	Jun-08		NO	Apr-08
FY 2009 FY 09 Advance Procurement for FY 10	*6	**3,087	NAVAIR NAVAIR	TBD TBD	SS-FP AAC/FP	ROLLS-ROYCE CORP, INDIANAPOLIS, IN ROLLS-ROYCE CORP, INDIANAPOLIS, IN	Mar-09 Dec-08	Mar-11	NO	Apr-08

D. Remarks:

Based on pilot production negotiations, 12 months for advanced acquisition material is sufficient for FY08 Advanced Procurement for FY09.

^{*}Quantity is 2 per aircraft

^{**} FY07 Engine savings due to acquisition of remanufactured engines

PRODUCTION SCHEDULE, F																	DAT	Έ			Feb	orua	ry 20	800					
APPROPRIATION/BUDGET A													We	apor	ı Sy	stem	P-1	ITE	M N	OME	NCL	ATU	RE						
Aircraft Procurement, Nav	vy / Coi	mbat	Airc	aft (E	3A-1)								E-2	C/D	Haν	wkeye		019	500,	E-2	C/D ((Earl	y Wa	arniı	ng) F	lawl	кеуе		
•				,			Pro	duct	ion F	Rate						ocureme	ent L						ĺ		<u> </u>				
		Mar	nufacti	urer's								AL	T P	rior	ΑL	_T After		Initia	ıl	R	eord	er					Un	it of	f
Item		Name	and L	.ocatio	n	М	SR	EC	ON	MA	١X	to	Ос	t 1		Oct 1	N	/lfg P	LT	M	lfg Pl	LT		Tota	al	ĺ	Mea	asur	e
Airframe	North	rop G	rumm	an		4		6		8			6			3		42						45	-	Е			
	St. A	ugusti	ine, FL	_																									
									FI	ISCAL	YEAI	R 200	06								FISC	AL YE	AR 2	007					
ITEM / MANUFACTURER	F	S	Q	D	В		2005				CAI	LEND	AR Y	EAR 2	2006			2006	3			CAI	ENDA	AR YE	EAR 20)07			
	Υ	V	T	E	Α	0	N	D	J	F	М	Α	М	J	J	A S	0	N	D	J	F	М	Α	М	J	J	Α	S	В
		С	Υ	L	L	С	0	E	Α	E	Α	Р	Α	U	U	UE	С	0	E	Α	E	Α	Р	Α	U	U	U	Ε	A L
A: (0.4					Т	V	С	N	В	R	R	Υ	N	L	G P	Т	V	С	N	В	R	R	Y	N	L	G	Р	Ļ
Airframe (E-2C)	04 05	N N	2	0	2															1				1	+	 	1		0
	03	IN		U																				!	+	1			
																									+ 1	1		$\overline{}$	
																									1	ـــــ	\sqcup		₽
																										├	\vdash		₽-
																									+-1	\vdash	\vdash		\vdash
										FISC	AI Y	EAR :	2008	-					1		FISC	AL YE	AR 2	009					
ITEM / MANUFACTURER	F	S	Q	D	В		2007			1 100	,, <u>, , , , , , , , , , , , , , , , , ,</u>			NDAF	RYFA	AR 2008					1100				EAR 20	109			
	Y	V	Т	Е	Α	0	N	D	J	F	М	Α	M	J	J	A S	0	N	D	J	F	M	A	М	J	J	Α	S	В
		С	Υ	L	L	С	0	Е	Α	Е	Α	Р	Α	U	U	U E	С	0	Е	A	Е	Α	Р	Α	U	Ü	U	Е	A L
						Т	V	С	Ν	В	R	R	Υ	N	L	G P	Т	V	С	N	В	R	R	Υ	N	L	G	Р	
Airframe (E-2C) (Cont'd)	06	N	2	0	2								1				1												0
	07 08	N N	2	0	2																			1	-	 	 	1	0
	06	IN	U	U	U																				+	 	\vdash		0
																									+	1			
																										<u> </u>	\sqcup		<u> </u>
			1			<u> </u>											1									ऻ—	\vdash		1
Remarks:			I	<u> </u>			1						1	1					1							ш			Щ
nomano.																													
1																													

UNCLASSIFIED
(Exhibit P-21)

	P-21															DATE						y 20	00				
PPROPRIATION/BUDGET A													-	-	stem	P-1				NCL							
Aircraft Procurement, Na	vy / Coi	mbat	Aircr	aft (E	3A-1)							E-2	C/D		wkeye					C/D (Earl	y Wa	arnin	g) H	lawk	eye	
							Pro	ducti	ion F	Rate				Pr	ocureme	ent L	eadt	imes	;								
		Mar	nufactu	ırer's							Al	_T P	rior	AL	T After		Initia	ıl	R	eord	er					Uni	it of
Item	1	Name	and L	ocatio	n	М	SR	1-8	3-5	MAX	to	ОС	t 1	(Oct 1	M	lfg P	LT	М	fg PL	Т.	-	Tota	l		Mea	sure
irframe	North	rop G	rumm	an		4		6		8	Î	6			3		42						45		Е		
	St. A	ugusti	ne, FL																								
									FI	SCAL YEA	R 20	10		•						FISC	AL YE	AR 20	011	•			
ITEM / MANUFACTURER	F	s	Q	D	В		2009					CALE	NDAR	YEA	R 2010	•						ENDA		AR 20	11		
	Y	V	Т	Ε	Α	0	N	D	.1	F M	Α	М	J	.1	A S	0	N	D	.I	F	М	Α	М	.I	J	Α	S
		С	Υ	L	L	С	0	E	A	E A	Р	A	Ü	Ü	UE	c	0	E	A	Е	A	Р	A	Ü	Ü	U	Ē
						Т	V	С	Ν	B R	R	Υ	N	L	G P	Т	V	С	Ν	В	R	R	Υ	Ν	L	G	Р
irframe (E-2D)	09	N	3	0	3																			1			
	-2D) 09 IN 3																										
																											
											1																
		Î	Î							FISCAL \	/EAR	2012								FISC	AL YE	AR 20	13			•	
ITEM / MANUFACTURER	F	s	Q	D	В		2011							YFA	R 2012							ENDA		AR 20	13		
	Y	V	Т	E	Α	0	N	D		F M	۸			J		0	N	D	J	F	М	Α	М	J	J	Α	S
		С	Υ	L	L	C	O	E	J A	E A	A P	M A	J	U	A S U E	C	0	E	A	E	A	P	A	U	U	U	E
						Т	V	С	Ν	B R	R	Υ	N	L	G P	Т	V	С	N	В	R	R	Υ	N	L	G	Р
irframe (E-2D) (Cont'd)	09	N	3	1	2	1				1	Î																
	10	N	3	0	3										1				1				1				
	11	N	4	0	4																						
	12	N	4	0	4																						
	13	N	4	0	4																						
											1					1											

UNCLASSIFIED
(Exhibit P-21)

PRODUCTION SCHEDULE, F																		DATE				Fe	brua	ry 20	800					
APPROPRIATION/BUDGET A												1	Nea	pon	Sys	stem		P-1	ITEN	ΛNC	OME	NCL	ATU	RE						_
Aircraft Procurement, Nav	vy / Coi	mbat	Aircr	aft (E	3A-1)								E-20	C/D	Hav	vkey	Э		0195	500,	E-20	C/D (Earl	y Wa	arnin	g) Ha	awk	eye		
				•	•		Pro	duct	tion I	Rate					Pro	ocure	me	nt L	eadti	mes										
		Mar	nufactu	ırer's								AL	T Pr	ior	AL	T Aft	er		Initia	l	R	eord	er					Un	it of	
Item	ı	Name	and L	ocatio	n	M	SR	EC	ON	MA	۸X	to	Oct	1	(Oct 1		M	lfg PL	_T	M	lfg Pl	LT		Tota	ıl		Mea	asure	Э
Engines	Rolls	Royc	e Eng	ine Co).	6		10		42			9			3			39						42		Е			
	India	napoli	is, IN																											
									F	SCAL	YEAR	2006	;									FISC	CAL YE	EAR 2	007					Г
ITEM / MANUFACTURER	F	S	Q	D	В		2005				CAL	.ENDA	R YE	AR 20	006				2006	;			CA	LEND	AR YE	AR 20	07			i
	Υ	V	T Y	E	Α	0	N	D	J	F	М	Α	М	J	J	Α	S	0	N	D	J	F	М	Α	М	J	J	Α	s	
		С	Y	L	L	C T	O V	E C	A N	E B	A R	P R	A Y	U N	U L	U G	E P	C T	O V	E C	A N	E B	A R	P R	A Y	U N	U	U G	E P	ĺ
Taginos	OF	NI	4	0	4	'	V	C	IN	В	ĸ	ĸ	ĭ	IN	L	G	Р	<u>'</u>	2	C		ь	ĸ	ĸ	Ť	IN	L	G	Р	(
Engines	05	N	4	0	4																2									ŀ
																														ĺ
																														L
																														H
										FISC	AL YE	AR 2	800									FISC	CAL YE	EAR 2	009					Г
ITEM / MANUFACTURER	F	S	Q	D	В		2007					(CALEN	NDAR	YEAI	R 2008	,						CA	LEND	AR YE	AR 20	09			ĺ
	Υ	V	Т	Е	Α	0	N	D	J	F	М	Α	М	J	J	Α	S	0	N	D	J	F	М	Α	М	J	J	Α	S	E
		С	Υ	L	L	С	0	Е	Α	Е	Α	Р	Α	U	U	U	Е	С	0	Е	Α	Е	Α	Р	Α	U	U	U	Е	L
						Т	V	С	N	В	R	R	Υ	N	L	G	Р	Т	V	С	N	В	R	R	Υ	N	L	G	Р	L
Engines (Cont'd)	06 07	N N	4	0	4				2		2									2		2								(
	08	N	0	0	0																									
			Ť																											Ė
																														l
																														L
																														H
							1								l			I					1			1				1

UNCLASSIFIED
(Exhibit P-21)

RODUCTION SCHEDUL																		DATE				Fel	bruar	y 20	80					
PPROPRIATION/BUDG	ET ACT	IVITY											Wea	pon	Syst	em							ATUF							
Aircraft Procurement,	Navy /	Com	nbat A	4ircra	aft (B	A-1)							E-20	C/D	Hawl	keye)		0195	500,	E-20	C/D (Early	Wa	rning	ı) Ha	wke	ye		
							Pro	oduct	ion F	Rate								ent L	.eadt	imes	1									
Item		Name		ocatio		MS		EC	NC	MA	λX		T Pr Oct			Afte	er		Initia fg Pl			Reord Ifg P			Tota				nit o asu	
Engines		Royce		ine Co).	6		10		42			9			3			39						42		E			
ITEM / MANUFACTURER	_		0	D	В				FISC	AL YEA	AR 20°											FISC	CAL YE							
TIEW/ WANGFACTURER	F Y	S V C	Q T Y	E L	A L	O C	009 N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A A Y	J U N	J U L	A U G	S E P	E A L
Engines (Cont'd)	09	N	6	0	6	'	V	C	IN	ь	K	K	I	IN	L	G	Г	'	V	C	IN	ь	2	K	2	IN	2	G	-	(
ITEM / MANUFACTURER	F	S	Q	D	В	20)11			FISCA	L YEA			DAR \	/EAR	2012						FISC	CAL YE)13 AR YE	AR 20°	13			
	Y	V C	T Y	E L	A L	С	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	U	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	NON	J U L	A U G	S E P	1
ingines (Cont'd)	10 11 12 13	N N N	6 8 8 8	0 0 0	6 8 8 8							2		2		2								2		2		2		;
emarks:																														

UNCLASSIFIED (Exhibit P-21)

CLASSIFICATION:

UNCLASSIFIED

		В		M JUSTIFIC	ATION SHE	ET			DATE:		Februa	ry 2008
APPROPRIATION/BUD	GET ACTIVITY						P-1 ITEM NOME	NCLATURE				
Aircraft Procureme	ent, Navy/ Co	mbat A	ircraft, (BA	\-1)				019500, E-20	C/D Advance	Procurement		
Program Element for Co	de B Items:		-	-			Other Related Pr	rogram Elements				
		06042	34N							0604234N	I	
	Prior	ID									То	
	Years	Code		FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	Complete	Total
COST (In Dollars Millions)	743.730	В		0.000	52.220	92.749	119.385	122.012	124.584	127.193	1,568.311	2,950.184

MISSION AND DESCRIPTION:

The E-2D Advanced Hawkeye (AHE) is an all-weather, twin engine, carrier-based, Airborne Early Warning (AEW) aircraft designed to extend task force defense perimeters. Key AHE objectives include: improved battle space target detection and situational awareness, especially in the littorals; support of Theater Air Missile Defense (TAMD) operations; and improved Operational Availability. The AHE mission is to provide advance warning of approaching enemy, surface units, and aircraft to vector interceptors or strike aircraft to attack, and to provide area surveillance, intercept, search and rescue, communications relay, and strike/air traffic control.

BASIS FOR FY 2009 BUDGET REQUEST:

The FY2009 budget funds the long lead requirement for the procurement of three E-2D Low Rate Initial Production aircraft in FY10.

DD Form 2454, JUN 86 P-1 SHOPPING LIST ITEM NO. 17 (Exhibit P-40, Page 1 of 3)

Exhibit P-10 Advance Procuren	nent Requ	irements	Analysis		Date:							
(Page 1 - Funding)							February 200)8				
Appropriation (Treas) Code/CC			ontrol Number		P-1 Line Ite	em Nomenclat	ure					
	1506/B	A1/NA						019500, E-2	C/D Advance	Procurement		
Weapon System				First Syster	m (BY1) Aw	vard Date	First System	Completion I	Date			
	E-2C/E) Hawke	ye		Dec 07			Jun 11				
					(\$	in Millions)						
	PLT	When Rqd	Prior Years	FY2007	FY2008	FY2009	FY2010	FY2011	FY2012		To Complete	Total
END ITEM QTY			42	2		3	3	4	4	4	52	114
				Multiyear								
CFE - AIRFRAME	39	Var	141.100	,	50.416	89.844	115.485	118.070	120.559	123.084	1,508.868	2,267.426
PRIOR LL/EOQ	ļ		538.598		<u> </u>					<u> </u>		538.598
GFE												
ENGINE	39	Var	14.900	0.000	1.804	2.905	3.900	3.942	4.025	4.109	59.443	95.028
JTIDS	24-36	Var	16.955	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	16.955
OTHER GFE	24-36	Var	32.177	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	32.177
TOTAL			743.730	0.000	52.220	92.749	119.385	122.012	124.584	127.193	1568.311	2950.184
Description:		<u></u>		<u> </u>	<u> </u>				l		<u> </u>	
Bescription.												

DD Form 2454, JUN 86

P-1 SHOPPING LIST ITEM NO. 17

(Exhibit P-10, Page 2 of 3)

CLASSIFICATION:

UNCLASSIFIED

Exhibit P-10 Advance P	rocurement	Require	ements Analy	/sis			Date:		
(Page 2 - Budget Justific		_	_					February 2008	
Appropriation (Treasury) Code/CC/	BA/BS	A/Item Conti		Weapon System		P-1 Line Item	Nomenclature	
		1506/-/	BA1/-/NA		E-2C/D Hawkeye			019500, E-2C/D Adva	nce Procurement
				(7	ΓOA, \$ in Millions				
					FY 2008	FY 2008			
				FY 2008 for FY	Contract	Total Cost	FY 2009 for	FY 2009 Contract	FY 2009 Total
	PLT	QPA	Unit Cost	2009 Qty	Forecast Date	Request	FY 2010 Qty	Forecast Date	Cost Request
CFE - Airframe	39	1	TL	3	DEC 07	50.416	3	MAR 09	89.844
ENGINE	39	2	TL	6	JUN 08	1.804	6	DEC 08	2.905
									r =
Total Advance Proc						52.220			92.749

DD Form 2454, JUN 86

P-1 SHOPPING LIST ITEM NO. 17

(Exhibit P-10, Page 3 of 3)

CLASSIFICATION:

UNCLASSIFIED

CLASSIFICATION:

UNCLASSIFIED

		BL	IDGET ITE	M JUSTIFIC	ATION SH	IEET				DATE:	
				P-40						February 2008	
APPROPRIATION/BUDG	ET ACTIVITY					P-1 ITEM NC	MENCLATUR	RE			
AIRCRAFT PROCUE	REMENT, NA	VY/BA2	- AIRLIFT A	AIRCRAFT		C-40A, 02	4600				
Program Element for Cod	e B Items:					Other Related	d Program Ele	ements			
			T	T	•		1	1	•		
	Prior	ID								То	Total
	Years	Code	FY 2007	FY 2008	FY2009	FY 2010	FY 2011	FY 2012	FY 2013	Complete	Program
QUANTITY	5	Α			2		1	1	1	15	25
Net P-1 Cost (\$M)	309.877				154.994		83.004	96.960	91.238	1,500.426	2,236.499
Advance Proc (\$M)											
Wpn Sys Cost (\$M)	309.877				154.994		83.004	96.960	91.238	1,500.426	2,236.499
Initial Spares (\$M)	23.587				4.400		3.139	3.203	3.728		38.057
Proc Cost (\$M)	333.464				159.394		86.143	100.163	94.966	1,500.426	2,274.556
Unit Cost (\$M)	66.693				79.697		86.143	100.163	94.966	100.028	90.982

Description:

The C-40A is the replacement for the C-9B/DC-9 aircraft. The C-40A provides the Navy Reserve with a long range aircraft that will carry high operational priority passengers and cargo. The C-40A carries 121 passengers in the all passenger configuration, eight standard DoD cargo pallets in the all cargo configuration, or 3 pallets and 70 passengers in the combination configuration. The C-40A is a commercial derivative of the Boeing 737-700C and all three configurations are FAA Certified. The C-40A is certified for Extended Twin-Engine Operations (ETOPS) for over water operations.

In prior years, in addition to the five aircraft shown above, four C-40A aircraft and related support were procured for the Naval Reserves using FY97-99 National Guard & Reserve Equipment (NGR&E) funding. These aircraft and their associated costs are not reflected above.

The long term objective for the C-40A program is to replace all 29 C-9B/DC-9 aircraft (25 Total Program plus 4 Reserves).

Basis for FY2009 request:

To procure (2) C-40A Aircraft.

P-1 SHOPPING LIST CLASSIFICATION:

DD Form 2454, JUN 86 ITEM NO. 18

	WEAPONS	SYSTEM COST A	NALYSIS									DATE:	
	PRIATION/BUDGET ACTIVITY	P-5			P-1 ITEM NO	DMENCLATU	JRE/SUBHEA	D				Februa	ry 2008
AIRCR	AFT PROCUREMENT, NAVY/ E	BA 2 - AIRLIFT	AIRCRAFT				_						
					C-40A, 02		32						
				TOTAL COST IN THOUSAND	DS OF DOLL	ARS							
COST	ELEMENT OF COST	ID Code	Prior	Years		FY 2007			FY 2008			FY 2009	
			Quantity	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost
	AIRFRAME/CFE CFE ELECTRONICS	A	5	293,388.632							2	77,347.086	154,694.172
4 5 6	GFE ELECTRONICS ENGINES / ENGINE ACC ARMAMENT INSTRUMENTS OTHER GFE			307.794								149.914	299.828
8	REC FLYAWAY ECO Rec Flyaway Cost			293,696.426								77,497.000	154,994.000
11	AIRFRAME PGSE ENGINE PGSE AVIONICS PGSE			7,435.715 0.029									
14 15	PEC TRNG EQ PUBS / TECH DATA OTHER ILS			500.000 5,499.660									
17 18	FACILITIES MANAGEMENT PRODUCTION ENG SUPPORT MISCELLANEOUS SUPPORT			2,745.171									
19	Support Cost			16,180.575									
21	Gross P-1 Cost Adv Proc Credit			309,877.001									154,994.000
23	Net P-1 Cost Adv Proc CY			309,877.001									154,994.000
25	Weapon System Cost Initial Spares Procurement Cost			309,877.001 23,587.000 333,464.001									154,994.000 4,400.000 159,394.000
	10110			D 4 OLIODDINO LIGT						01 40015104	<u> </u>	<u> </u>	

DD FORM 2446, JUN 86 P-1 SHOPPING LIST CLASSIFICATION:

ITEM NO. 18

UNCLASSIFIED

UNCLASSIFIED

BUDGET PROCUREM	IENT HIST	ORY AND	PLANNING EXHIB	T (P-5A)		Weapon System		A. DATE		
						C-40A		Febru	ary 2008	
B. APPROPRIATION/BUDGET	ACTIVITY				C. P-1 ITEM NON	MENCLATURE			SUBHEAD	
AIRCRAFT PROC	UREMEN	IT, NAVY	/ BA 2 - AIRLIF	T AIRCRAFT	C-40A, 024	600			42B2	
Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	TECH DATA AVAILABLE NOW?	DATE REVISIONS AVAILABLE
AIRFRAME/CFE FY2009	2	77,347	NAVAIR, MD	N/A	SS/FFP	THE BOEING COMPANY, KENT, WA	1/09	5/10	* NO	N/A

D. REMARKS

DD Form 2446-1, JUL 87 P-1 SHOPPING LIST CLASSIFICATION:

ITEM NO. 18

^{*} Commercial product - Tech data proprietary data of Boeing.

PRODUCTION SCHEDULE, PAPPROPRIATION/BUDGET AC	21	,											Mean	on	Syste	n	DAT				ebrua			_					_
AIRCRAFT PROCUREME	ENT, N	, IAVY	/ BA	2 - A	IRLI	FT A	AIR	CR	AF	T			vveap		-40A	"		ITE IOA,			ENC	LAI	UK	E					
	•									Rate	!				Procui	eme													
Item			nufactu and L	urer's ocatio	n	M	SR	EC	ON	M	AX		T Prio		ALT /			Initia fg Pl			eord fg P			Tota	ıl		Uni Mea	it of sure	<u> </u>
C-40A Aircraft	Boeir	ng, Ke	nt, W	4		NA		NA		NA			4		4						16			20			E		
									F	ISCAL											FIS	CAL Y							
ITEM / MANUFACTURER	F	Y											AR YEAI			Τ.	_	2006		.	I _			AR YI					В
	,					O C T	N O V	D E C	J A N	F E B	M A R	A P R	A	N N	J A U U L G	E	С	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	A L
									-	FISC	CAL Y	EAR	2008				t				FIS	CAL Y	EAR	2009					
ITEM / MANUFACTURER	F	S	Q	D	В		2007							AR	YEAR 20	08								AR YI	EAR 2	2009			
	Y	V C	T Y	E L	A L	O C T	N O V	D E C	J A N	F E B	M A R	A P R	A	N N	J A U U L G	E	С	N O V	DEC	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L
C-40A Aircraft/Boeing	09	N	2	0	2															Α									2
Remarks:																													
AGIIIAINS.																													

DD Form 2445, JUL 87

P-1 SHOPPING LIST

ITEM NO. 18

Exhibit P-21 Production Schedule

CLASSIFICATION:

		BUDGET IT	TEM JUSTIF	ICATION SI	HEET				DATE:	Februa	ry 2008
A DDD ODDIA TIONI/DUI	DOET A OT!! (IT) (P-40				In Alterna	IONAENIOI A	I I I I I I I I I I I I I I I I I I I		
APPROPRIATION/BUI							P-1 ITEM N	NOMENCLA	ATURE		
AIRCRAFT PROCURE	EMENT,NAVY/BA 3	3-TRAINER	AIRCRAFT			033800, T-	45TS (TRA	INER) GOS	HAWK		
Program Element for C	ode B Items:						Other Rela	ted Progran	n Elements		
											Total
	Prior Years	ID Code	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Program
Quantity	211	Α	10								221
Net P-1 Cost (\$M)	4,882.056		374.780	32.303							5,289.139
Advance Proc (\$M)	342.890										342.890
WPN Sys Cost (\$M)	5,224.946		374.780	32.303							5,632.029
Initial Spares (\$M)	276.118		9.015								285.133
Proc Cost (\$M)	5,501.064		383.795	32.303							5,917.162
Unit Cost (\$M)	26.071		38.380								26.774

Description:

The T45TS is an optimized replacement for the existing pilot training system that meets carrier pilot production requirements (TA-4J retired in FY99 and T-2C starts retirement in FY07). The fully integrated system includes: 221 T-45 aircraft; 18 simulators; academic materials, training aids, and equipment; two computer based training integration systems; and contractor logistics support of all system elements.

BASIS FOR FY 2009 REQUEST: Not applicable. Procurement concluded in FY07. FY08 funded production line shutdow n.

Exhibit	P-5 Cost Analysis	Weapon System						DATE:	
		T-45TS (TRAINER) (B / ITE:	<u> </u>			February 2008	
	PRIATION/BUDGET ACTIVITY	ID Code		P-1 ITEM NON	MENCLATURE	E AND BLI			
	T PROCUREMENT,NAVY/BA 3-								
TRAINER	RAIRCRAFT	A		033800, T-45TS (TRAINER) GOSH	AWK			
				Dolla	ars in Thousan	ıds			
				Boile	210 111 1110000011	140			
Cost	Element of Cost	Prior Years	FY 2	2007	FY 2	2008	FY 2	2009	
		QTY: 211	QTY:	10	QTY:	0	QTY:	0	
		Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	
1	AIRFRAME/CFE	3,543,664	24,815	248,145					
2	CFE ELECTRONICS								
	GFE ELECTRONICS	29,101	199	1,992					
4	ENGINES / ENGINE ACC	330,288	4,710	47,100					
5	ARMAMENT	3,676	42	419					
6	INSTRUMENTS	8,623	4	41					
	OTHER GFE	94,423	740	7,400					
	REC FLYAWAY ECO	27,445	206	2,058					
9	Rec Flyaway Cost	4,037,219	30,716	307,155		0		0	
Ü	, , , , , , , , , , , , , , , , , , , ,	.,,210	22,. 10	221,100					
10	NON-RECURRING	158,941		19,040		21,000			
	ANCILLARY EQUIPMENT	23,955		,		,,,,,			
	MISCELLANEOUS	.,							
	Total Flyaway Cost	4,220,116	32,620	326,195		21,000		0	
		,,,,	,	5=5,125		,,,,,			
14	AIRFRAME PGSE	136,498		7,177					
	ENGINE PGSE	133,133		.,					
	AVIONICS PGSE								
	PEC TRNG EQ	213,882							
	PUBS / TECH DATA	56,561		2,367					
	OTHER ILS	306,184		18,708		1,341			
	FACILITIES MANAGEMENT	256,044		19,610		9,962			
	PRODUCTION ENG SUPPORT	60		10,010		3,302			
	MISCELLANEOUS SUPPORT	35,601		722					
	Support Cost	1,004,831		48,585		11,303		0	
23	oupport oust	1,004,631		40,000		11,303			
24	Gross P-1 Cost	5,224,946		374,780		32,303		0	
	Adv Proc Credit	-342,890		374,780		32,303			
	Net P-1 Cost	4,882,056		374,780		32,303		0	
	Adv Proc CY	342,890		374,780		52,303			
	Weapon System Cost	5,224,946		374,780		32,303		0	
	Initial Spares	276,118		9,015		32,303			
	Procurement Cost	5,501,064		383,795		32,303		0	
30	i rocurement cost	5,501,064		303,195		32,303		ا	

BUDGET PROCUREMENT HISTORY	NID P	ANNING E	YHIRIT (P-5A)			Weapon System		A. DAT	ī E	
	וטוו	LANINING L	KITIDIT (I -5A)			T-45TS (TRAINER) GOSHAWK		Februar		
B. APPROPRIATION/BUDGET ACTIV	ΊΤΥ				C. P-1	ITEM NOMENCLATURE AND BLI		i cordar		HEAD
AIRCRAFT PROCUREMENT, NAVY/BA	3-TR/	AINER AIRC	RAFT		033800,	T-45TS (TRAINER) GOSHAWK			U3	GH
P-5A AIRFRAME/CFE										
Cost Element/Fiscal Year	Qty	Unit Cost			Contract Method & Type	Contractor and Location	Award Date	Date of First Delivery	Tech Data Available Now	Date Revisions Available
AIRFRAME/CFE										
FY 2006	6	23,111	NAVAIR, PAX RIVER	Nov-04	SS-FFP	BOEING COMPANY, THE, SAINT LOUIS, MO	Mar-06	Nov-07	Yes	N/A
FY 2007	10	24,815	NAVAIR, PAX RIVER	Nov-05	SS-FFP	BOEING COMPANY, THE, SAINT LOUIS, MO	Jun-07	Nov-08	Yes	N/A

D. Remarks:

Airframe/CFE and CFE Mission Electronics only. Engine is GFE

Sole Source because Boeing (MDA) is the designer, developer and sole manufacturer/integrator of the T-45 airplane.

Only Boeing (MDA) possesses the unique experience and capabilities to fulfill this requirement. Because Boeing is the sole source contractor, there are normally no formal RFPs utilized, and the process begins with Boeing submitting a proposal. Therefore, the RFP dates above are not true RFP dates and reflect NAVAIR contracting estimates on when proposals began.

BUDGET PROCUREMENT HISTORY	Y AND PI	ANNING EX	KHIBIT (P-5A)			Weapon System		A. DA	ГЕ	
						T-45TS (TRAINER) GOSHAWK		Februar	y 2008	
B. APPROPRIATION/BUDGET ACT	TIVITY				C. P-1	ITEM NOMENCLATURE AND BLI			SUBI	HEAD
AIRCRAFT PROCUREMENT,NAVY/I	BA 3-TRA	AINER AIRC	RAFT		033800,	T-45TS (TRAINER) GOSHAWK			U3	GH
P-5A ENGINES / ENGINE ACC										
Cost Element/Fiscal Year	Qty	Unit Cost		Issue	Contract Method & Type	Contractor and Location	Award Date	Date of First Delivery	Tech Data Available Now	Date Revisions Available
ENGINES										
FY 2006	6	3,444	NAVAIR, PAX RIVER	May-04	SS-FFP	ROLLS-ROYCE PLC, BRISTOL GB	Feb-06	Apr-07	Yes	N/A
FY 2007	10	4,710	NAVAIR, PAX RIVER	Feb-06	SS-FFP	ROLLS-ROYCE PLC, BRISTOL GB	Aug-07	May-08	Yes	N/A

D. Remarks:

Engine/Accessories only.

Sole source because Rolls Royce is the designer, developer and sole source manufacturer of the T-45 engine.

Only Rolls Royce possesses the unique experience and capabilities to fulfill this requirement. Therefore, no formal RFPs are utilized, and initial discussions begin on the RFP issue dates listed.

PRODUCTION SCHEDULE, F APPROPRIATION/BUDGET A		/											Wea	pon	Sys	stem		DATE P-1		M N				/ 200 ΓUR						—
Aircraft Procurement, Navy	B.A.	. 3											T45	TS	GOS	AH								T 4	5TS	3				
	•						Prod	ucti	on F	Rate								it Le	adtii	mes										
			ufactu										T Pi			TA			Initia			eorc							it of	
Item				ocatio	n	M:		EC				to	Oct	1	(Oct '	1	M [.]	fg Pl	LT	M	fg P	LT		Tota			Mea	asur	е
AIRFRAME	BOEI						8		12		24		0			9			0			18			27	'		eac	h	
	S1. L	OUIS.	, MO																								-			
						•	FISC	AL YE	EAR	2006	'								FISC	CAL Y	EAR	2007		•			Г			
ITEM / MANUFACTURER	F	S	Q T	D E		2005					C	CALEN	IDAR	YEAF	R 200	6						CA	LEND	AR Y	EAR :	2007				
	Υ	V C	0	N	D	J	F	М	Α	М	J	J	A	S	0	N	D	J	F	М	Α	М	J	J	A	S	A			
			Y	L	L	C T	0 V	E C	A N	E B	A R	P R	A Y	U N	U L	U G	E P	C T	O V	E C	A N	E B	A R	P R	A Y	U N	U L	U G	E P	L
AIRFRAME/BOEING (MDA)	04	N	14	0	14	1	1	1	1	1	2	1	1	2	1	1	1													C
			40		4.0																									Ļ
AIRFRAME/BOEING (MDA)	05	N	10	0	10													1	1	1	1		1		2	1		1	1	C
																														-
																														1
										FISC	AL YE	EAR	2008									FISC	CAL Y	EAR	2009					
ITEM / MANUFACTURER	F Y	S V	Q T	D	B A		2007							IDAR	YEAR	200								LEND		EAR :	1		1	В
	Y	C	Ϋ́	E L	L	O C	N O	D E	J A	F E	M A	A P	M A	J	J	A U	S E	O C	N O	D E	J A	F E	M A	A P	M A	J	J	A U	S E	Α
						T	V	С	N	В	R	R	Y	N	L	G	Р	T	V	C	N	В	R	R	Y	N	Ĺ	G	P	L
AIRFRAME/BOEING (MDA)	06	N	6	0	6		1		1		1		1		1		1													0
AIRFRAME/BOEING (MDA)	07	N	10	0	10														1		1	1	1	1	1	1	1	1	1	0
THE TOWNER BOEING (MB/V)	07	- ' '	10																•					<u> </u>						
																														<u> </u>
																											1			
																														<u> </u>
																													L	

PRODUCTION SCHEDULE, P.										DATI				ebru																
APPROPRIATION/BUDGET AC														apon	-				ITE	ΜN	OM	ENC	CLAT							
Aircraft Procurement, Navy /	B.A.	3				T							145	TS					14"					14	5TS	•				
Item		Name	ufactu and L	ocatio		M:	Prod SR 8		ON	MA	٩X		T P		AL	cure T A Oct	fter		adtii Initia fg Pl	ıl	R	eord fg P	_		Tota			Un Mea	it of sure	
T45TS Engine	Rolls	Rolls Royce Bristol England							12		24		0			9			0			12			21			eac	h	
ITEM / MANUFACTURER	F	Y V T E A O N D J									AL YI	EAR (NDAR	YEAF	R 200	06					FISC		EAR LEND			2007			
	Y	C	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	ZCC	J U	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U	J U L	A U G	S E P	B A L			
T45TS ENGINES/ROLLS ROYCE	04	N	15	7	8	1	2	1	1	2	1																			0
T45TS ENGINES/ROLLS ROYCE	05	N									1	1	1	1	1	1	1	1	1								0			
T45TS ENGINES/ROLLS ROYCE	06	N	6	0	6																			1	1	1	1	1	1	0
T45TS ENGINES/ROLLS ROYCE	07	N	10	0	10																									10
										FISC	AL YI	EAR									1	FISC		EAR						i
ITEM / MANUFACTURER	F Y	S V C	Q T Y	D E L	B A L	O C T	2007 N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	YEAR J U L	A U G	08 S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A A Y	J U N	J U L	A U G	S E P	B A L
T45TS ENGINES/ROLLS ROYCE	07	N	10	0	10								1	1	1	1	1	1	1	1	1	1								0
													<u> </u>	I		l	II.		l .	l		1	1		l .	I		1		

		BUDGET IT	EM JUSTIF	ICATION SI	HEET				DATE:	Februar	y 2008
			P-40				T=		<u> </u>		
APPROPRIATION/BUDGET	ACTIVITY						P-1 ITEM N	OMENCLA	TURE AND		
AIRCRAFT PROCUREMEN	T,NAVY/BA 3	3-TRAINER	AIRCRAFT				033900, JP	ATS			
Program Element for Code B	3 Items:						Other Relat	ed Program	Elements		
											Total
	Prior Years	ID Code	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Program
Quantity	54	Α	20	44	44	44	43	43	23	0	315
Net P-1 Cost (\$M)	254.347		145.013	293.277	289.253	291.102	293.790	297.402	239.348	26.299	2,129.831
Advance Proc (\$M)											.000
WPN Sys Cost (\$M)	254.347		145.013	293.277	289.253	291.102	293.790	297.402	239.348	26.299	2,129.831
Initial Spares (\$M)	9.567		3.826	8.435	8.637	10.131	9.661	9.288	6.664		66.209
Proc Cost (\$M)	263.914		148.839	301.712	297.890	301.233	303.451	306.690	246.012	26.299	2,196.040
Unit Cost (\$M)	4.887		7.442	6.857	6.770	6.846	7.057	7.132	10.696		6.972

Description:

The Joint Primary Aircraft Training System (JPATS) is a joint USN/USAF Acquisition Catagory 1C Program designed to replace the aging primary training aircraft fleet (T-34/T-37). USAF is the program executor. The principle JPATS mission is primary flight training for entry-level Navy/Air Force student pilots, associated instructor pilots, and primary/intermediate training for Naval Flight Officers.

JPATS includes the T-6 Texan II (a single turboprop engine, stepped tandem seat, commercially derived) aircraft, ground based training systems (aircrew training devices, development courses, and operational support), and contractor logistics support. The Training Integrated Management System (TIMS) is a major information management system used to manage all student administrative and training requirements. USAF procurement of T-6A Texan II aircraft was initiated in FY1995 and ends in FY2008. Navy procurement of T-6A aircraft was initiated in FY2000. In FY2007 the Navy began procurement of the T-6B aircraft (a T-6A airframe with a Radar Altimeter and an integrated "glass cockpit" with navigation and systems displays).

Basis of 2009 Request:

FY2009 funds 44 T-6B aircraft and associated support.

CLASSIFICATION:

Exhibit	P-5 Cost Analysis	Weapon System						DATE:
LAINDI	. o cost maryon	JPATS						Feb-08
APPRO	OPRIATION/BUDGET ACTIVITY	ID Code		P-1 ITEM NO	MENCLATURE	AND BLI		
AIRCRA	FT PROCUREMENT,NAVY/BA 3-							
TRAINE	RAIRCRAFT	A		033900, JPATS				
	1			Dolla	ars in Thousan	ds		
Coot	Element of Cost	Dries Veere	EV.	2007	EV.	2000	EV.	2000
Cost	Element of Cost	Prior Years	FY 2	2007	FY 2	2006	ГТД	2009
		QTY: 54	QTY:	20	QTY:	44	QTY:	44
		Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost
1	AIRFRAME/CFE	175,449	5,545	110,893	5,764	253,612	5,600	246,386
2	CFE ELECTRONICS	·					·	
3	GFE ELECTRONICS							
4	ENGINES / ENGINE ACC							
5	ARMAMENT							
6	INSTRUMENTS							
7	OTHER GFE							
8	REC FLYAWAY ECO	2,132	56	1,124	115	5,076	112	4,926
9	Rec Flyaway Cost	177,580	5,601	112,017	5,879	258,688	5,712	251,312
10	NON-RECURRING	7,365		10,224		20		250
11	ANCILLARY EQUIPMENT							
12	MISCELLANEOUS							
13	Total Flyaway Cost	184,945	6,112	122,241	5,880	258,708	5,717	251,562
14	AIRFRAME PGSE	657		164		50		317
15	ENGINE PGSE							
16	AVIONICS PGSE							
17	PEC TRNG EQ	61,059		18,848		19,481		19,461
18	PUBS / TECH DATA	423		1,076		1,756		1,951
19	OTHER ILS	4,300		1,283		8,614		6,936
	FACILITIES MANAGEMENT							
21	PRODUCTION ENG SUPPORT	2,963		1,401		4,669		9,025
22	MISCELLANEOUS SUPPORT							
23	Support Cost	69,402		22,772		34,569		37,691
	Gross P-1 Cost	254,347		145,013		293,277		289,253
	Adv Proc Credit							
	Net P-1 Cost	254,347		145,013		293,277		289,253
I	Adv Proc CY							
	Weapon System Cost	254,347		145,013		293,277		289,253
	Initial Spares	9,567		3,826		8,435		8,637
30	Procurement Cost	263,914		148,839		301,712		297,890

BUDGET PROCUREMENT HIS	TORY AND F	LANNING E	XHIBIT (P-5A)			Weapon System		A. DA	ΓΕ	
						JPATS		Februar		
B. APPROPRIATION/BUDGET	ACTIVITY				C. P-1	ITEM NOMENCLATURE AND BLI			SUBI	HEAD
AIRCRAFT PROCUREMENT,NA	AVY/BA 3-TR	AINER AIRO	CRAFT		033900,	JPATS			U3	BAT
P-5A AIRFRAME/CFE										
Cost Element/Fiscal Year	Qty	Unit Cost	Location of PCO	RFP Issue Date	Contract Method & Type	Contractor and Location	Award Date	Date of First Delivery	Tech Data Available Now	Date Revisior Availabl
AIRFRAME/CFE										
FY 2006	2	5,560	ASC/YT WPAFB OH	Aug-05	SS- FP/EPA	RAYTHEON AIRCRAFT COMPANY, WICHITA, KS	Aug-06	Aug-08	Yes	N/A
FY 2007	20	5,545	ASC/YT WPAFB OH	Aug-05	SS- FP/EPA	HAWKER BEECHCRAFT CORPORATION, WICHITA, KS	Feb-08	May-09	Yes	N/A
FY 2008	44	5,764	ASC/YT WPAFB OH	Jun-06	SS- FP/EPA	HAWKER BEECHCRAFT CORPORATION, WICHITA, KS	Feb-08	Mar-10	Yes	N/A
FY 2009	44	5,600	ASC/YT WPAFB OH	Jun-06	SS- FP/EPA	HAWKER BEECHCRAFT CORPORATION, WICHITA, KS	Feb-09	Mar-11	Yes	N/A
D. Remarks:										

D. Remarks:

Hawker Beechcraft Corporation acquired JPATS program from Raytheon Aircraft Company in FY2007.

PRODUCTION SCHEDULE, P-2	1																	DATE				ebr								
APPROPRIATION/BUDGET AC Aircraft Procurement, Navy/BA3-			roft										Wea	apor	Sys	stem			ITEI 900,			NC	LAT	URE	E AN	ID B	LI			
All Craft Frocurement, Navy/BA3-	Паше	AllCi	iaii				Pro	oduc	ction	Rate		JF	113		Pro	cure	emei		adtir					ī					—	
Item AIR VEHICLE		Name		urer's ocation		M	SR 24	EC	ON 48	M	IAX 72	to	T Pi Oct	: 1	AL	T Af Oct	ter 1	М	Initia fg Pl 0	l	R	eord fg P 25			Tota	al			it of asure CH	
*1 shift / 2 shifts		PORA IITA, I																												
1 Stillt / 2 StilltS																														
ITEM / MANUE ACTUDED	_			D		2005 FISCAL YEA								(E.) E							FISC	CAL Y								
ITEM / MANUFACTURER	F Y	S V C	Q T Y	E L	B A L						A P R	M A Y	J U N	J U L	2006 A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L	
A/VRAYTHEON AIRCRAFT CO A/VRAYTHEON AIRCRAFT CO A/VRAYTHEON AIRCRAFT CO A/VRAYTHEON AIRCRAFT CO	04 05 05 06	AF AF N AF	52 53 3 54	11 0 0 0	41 53 3 54	C O E A E A T V C N B R					4	4	4	5	5	5	5	5	5	5	5	3 1	3	3	4	5	5	6	0 0 0 38	
ITEM / MANUFACTURER	F	s	Q	D	В		2007			FIS	CAL YEA		08 ALEN	D 4 D 1	/F A D	0000						FISC	CAL Y		2009 DAR Y	EAD 6				l
TIEW/ WANGFACTURER	Y	8 V C	T Y	E L	A L	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L
																														0
A/VRAYTHEON AIRCRAFT CO A/VRAYTHEON AIRCRAFT CO A/VHAWKER BEECHCRAFT CORP	06 06 07	AF N AF	54 2 48	16 0 0	38 2 48	6	5	5	5	5	4	4	4	4	4	1 4	1 4	4	4	4	4	4	4	5	3					0 0
A/VHAWKER BEECHCRAFT CORP A/VHAWKER BEECHCRAFT CORP	07 08	N AF	20 39	0	20 39	3																	2	4	4	4	4	10 23		

PRODUCTION SCHEDULE, P-2	21																	DATE	•		F	ebr	uary	200)8					
APPROPRIATION/BUDGET ACTAIRCE AIRCEAST			raft	_	-								Wea	apon	Sys	stem			ITEN 900,			NC	LAT	URE	AN	ID B	LI			
							Pro	oduc	ction	Rate					Pro	cure	mer	nt Le	adtir	nes										
Item		Name		.ocatio		M	SR	EC	ON		AX		T Pi Oct			T Af Oct 1			Initial fg PL			eord fg P			Tota	ıl		Mea		
AIR VEHICLE	COR	KER E PORA HITA, I	NOITA		FT		24		48		72		0			5			0			25			30			EAG	CH	_
*1 shift / 2 shifts	WIGI	11173,	10 (140	7.0																										
										FISC	CAL YEA	\R 20°	10									FISC	CAL Y	EAR 2	2011					
ITEM / MANUFACTURER	F	S	Q T	D	В		2009	I				C/	ALENI	DAR Y	'EAR	2010	1	1	.1			ı	CA	LEND.	AR YE	AR 2	2011			
	Y	C	T Y	E L	A L	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J J	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L
A/VHAWKER BEECHCRAFT CORP A/VHAWKER BEECHCRAFT CORP A/VHAWKER BEECHCRAFT CORP	07 08 08	N AF N	20 39 44	10 16 0	10 23 44	2	2 4	2	2 4	2	2	1 3	3	4	4	4	4	4	4	4	4	4								0 0
A/VHAWKER BEECHCRAFT CORP	09	N	44	0	44						2	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	16
																												_		
										FICE	CAL YEA	ND 200	10									FIC	CALV	EAR 2	2042					
ITEM / MANUFACTURER	F	s	Q	D	В		2011			FISC	AL IEA			DAR Y	'EAR	2012						FISC	JAL I		LEND	AR Y	EAR 2	2013		l
	Y	V C	T Y	E L	A L	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L
A/VHAWKER BEECHCRAFT CORP	09	N	44	28	16	4	3	3	3	3																				0
A/VHAWKER BEECHCRAFT CORP A/VHAWKER BEECHCRAFT CORP	10 11	N N	44 43	0	44						3	4	4	4	4	4	4	4	4	3	3	3	3	3	3	3	3	3	4	0 21

		BU	JDGET ITEN	M JUSTIFIC	ATION SH	EET				DATE:	
				P-40						Februa	ry 2008
APPROPRIATION/BUDG	GET ACTIVITY					P-1 ITEM NO	MENCLATUR	E			
Aircraft Procureme	nt, Navy/Othe	er Aircraft	: (BA-4)			KC-130J, 041	600				
Program Element for Coo	de B Items:					Other Related	d Program Ele	ments			
	Prior Years	ID Code	FY 2007	FY 2008	FY2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Program
QUANTITY	29	А	3	4	2	2	2	2	2	5	51
Net P-1 Cost (\$M)	2,011.862		177.871	218.158	119.545	122.389	127.039	131.486	139.328	380.206	3,427.884
Advance Proc (\$M)	141.069		45.553	33.671	33.932	34.911	36.186	37.591	39.069	87.302	489.284
Wpn Sys Cost (\$M)	2,152.931		223.424	251.829	153.477	157.300	163.225	169.077	178.397	467.508	3,917.168
Initial Spares (\$M)	140.239		23.557	13.638	8.449	8.835	6.128	11.673	6.233	30.174	248.926
Proc Cost (\$M)	2,293.170		246.981	265.467	161.926	166.135	169.353	180.750	184.630	497.682	4,166.094
Unit Cost (\$M)	79.075		82.327	66.367	80.963	83.068	84.677	90.375	92.315	99.536	81.688

Description:

The KC-130J aircraft is an all metal, high-wing, long-range, land-based monoplane. It is designed for cargo, tanker and troop carrier operations. For tanker operations, the aircrew will consist of a pilot, co-pilot, augmented crew member and two air refueling observers. Features include wing mounted refueling pods, an internal cargo ramp and door, crew and cargo compartment pressurization, ground and in-flight refueling, thermal deicing systems and a Heads-Up Display (HUD). It is designed to take off and land on unimproved runways.

Mission:

The mission of the KC-130J is to provide tactical in-flight refueling and assault support transport. As a tactical transport, it is capable of conventional or aerial delivery of personnel or cargo. The aircraft is capable of carrying 92 combat troops or 64 paratroopers with equipment or 64 litters when configured as an ambulance. The aircraft is equipped for in-flight refueling to service two aircraft simultaneously and has a removable 3,600 gallon (13,627 liter) fuel tank in the cargo compartment.

The KC-130J has the capability to refuel low-speed helicopters and high-speed jet aircraft. Aerial refueling of helicopters is normally conducted at 6,000 feet or below, at an airspeed of 115 KTS TAS and requires a ground change of the refueling basket. The KC-130J aircraft is powered by four Allison AE 2100D3 Turbo-Prop Engines with four six-bladed composite propellers. The cockpit includes state-of-the-art electronics with Liquid Crystal Display (LCD) instrumentation. The improved power performance of the KC-130J provides 40 percent greater range, 25 percent higher cruise ceiling, 46 percent decrease in time-to-climb, 21 percent increase in maximum speed and 41 percent decrease in maximum effort take-off run over the existing KC-130F/R/T models.

Basis for FY 2009 Request:

The FY 2009 budget request procures 2 KC-130J aircraft and associated support. FY 2009-FY 2013 buys will be covered under a USAF negotiated Five-Year Option Contract.

Notes:

- 1. FY2007 funding total includes \$71.800 received in GWOT supplemental.
- 2. FY2008 funding totals do not include \$495.400 previously requested for current FY2008 GWOT requirements.

DD Form 2454, JUN 86 P-1 SHOPPING LIST CLASSIFICATION:

UNCLASSIFIED

WEAPO P-5	NS SYSTEM COST ANALYSIS	Weapon Syst	tem									DATE: February 20	N8
	PRIATION/BUDGET ACTIVITY	ID Code			P-1 ITEM NC	MENCLATU	JRE					1 Coldary 20	00
Aircraft	Procurement, Navy/Other Aircraft (BA-4)	A			KC-130J								
				TOTAL COST IN THOUSAN	DS OF DOLL	ARS							
COST CODE	ELEMENT OF COST	ID Code	Prior	Years		FY 2007	,		FY 2008			FY 2009	
			Quantity	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost
	AIRFRAME/CFE CFE ELECTRONICS	А	29	1,772,495	3	56,601	169,803	4	59,683	238,732	2	66,000	132,000
3 4 5	GFE ELECTRONICS ENGINES / ENGINE ACC ARMAMENT			29,846		1,479	4,438		1,553	6,213		1,631	3,262
7	INSTRUMENTS OTHER GFE REC FLYAWAY ECO			7,735		377	1,132		396	1,584		416	832
	Rec Flyaway Cost			1,810,076		58,458	175,373		61,632	246,530		68,047	136,094
11	NON-RECURRING ANCILLARY EQUIPMENT MISCELLANEOUS			10,500			14,550			7,500			
	Total Flyaway Cost			1,820,576		58,458	189,923		61,632	254,030		68,047	136,094
15 16	AIRFRAME PGSE ENGINE PGSE AVIONICS PGSE			3,320 2,941 5,133									
	PEC TRNG EQ PUBS / TECH DATA			93,210			19,330 56			57			50
19	OTHER ILS FACILITIES MANAGEMENT			3,355 97,775			9,434			57 5,882			58 8,635
21	PRODUCTION ENG SUPPORT MISCELLANEOUS SUPPORT			57,800 18,600			5,350			3,743			8,430
23	Support Cost			282,133			34,170			9,681			17,122
25	Gross P-1 Cost Adv Proc Credit Net P-1 Cost			2,102,709 -90,847 2,011,862			224,093 -46,222 177,871			263,711 -45,553 218,158			153,216 -33,671 119,545
28	Adv Proc CY Weapon System Cost			141,069 2,152,931			45,553 223,424			33,671 251,829			33,932 153,477
	Initial Spares Procurement Cost			140,239 2,293,170			23,557 246,981			13,638 265,467			8,449 161,926
	Procurement Cost	L	ı	2,293,170			246,981			265,467			161,926

DD FORM 2446, JUN 86

P-1 SHOPPING LIST

CLASSIFICATION:

ITEM NO 22

UNCLASSIFIED

BUDGET PROCUREM	MENT HISTO	DRY AND	PLANNING EXHIB	IT (P-5A)		Weapon System		A. DATE		
						KC-130J		February 2		
B. APPROPRIATION/BUDGET Aircraft Procurement		er Aircraft	(BA-4)		C. P-1 ITEM NO KC-130J, 04	menclature/bli 11600			suвнеаd 44A9 Regu	ılar
Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	TECH DATA AVAILABLE NOW?	DATE REVISIONS AVAILABLE
AIRFRAME/CFE FY 2006	8	57,514	USAF WRIGHT PATTERSON OHIO	N/A	MYP	LMAS Marrietta, GA	2/06	9/06	N/A*	N/A
AIRFRAME/CFE FY 2006 Advance Procurement for FY 2007			USAF WRIGHT PATTERSON OHIO	N/A	MYP	LMAS Marietta, GA	2/06			
AIRFRAME/CFE FY 2007	3	56,601	USAF WRIGHT PATTERSON OHIO	N/A	MYP	LMAS Marrietta, GA	12/06	10/07	N/A*	N/A
AIRFRAME/CFE FY 2007 Advance Procurement for FY 2008			USAF WRIGHT PATTERSON OHIO	N/A	MYP	LMAS Marietta, GA	12/06			
AIRFRAME/CFE FY 2008	4	59,683	USAF WRIGHT PATTERSON OHIO	N/A	MYP	LMAS Marrietta, GA	12/07	11/08	N/A*	N/A
AIRFRAME/CFE FY 2008 Advance Procurement for FY 2009			USAF WRIGHT PATTERSON OHIO	N/A	MYP	LMAS Marietta, GA	12/07			
AIRFRAME/CFE FY 2009	2	66,000	USAF WRIGHT PATTERSON OHIO	N/A	FFP/Option	LMAS Marrietta, GA	12/08	1/11	N/A*	N/A
AIRFRAME/CFE FY 2009 Advance Procurement for FY 2010			USAF WRIGHT PATTERSON OHIO	N/A	FFP/Option	LMAS Marietta, GA	12/08			
D. REMARKS			IFATTERSON OHIO	IIV/A	IFFP/Option	ILMAS Marietta, GA	12/08			

D. REMARKS

DD Form 2446-1, JUL 87 P-1 SHOPPING LIST CLASSIFICATION: Exhibit P-5A

ITEM NO 22

^{*} Commercial Product. Tech Data is proprietary data of Lockheed Martin.

BUDGET PRODUCTION SCH																		DATE			Febr	ruary	2008	3						
APPROPRIATION/BUDGET A													Wea	apor	i Sys	stem)	P-1	ITE	ΜN	ОМІ	ENC	CLA	ΓUR	E					
Aircraft Procurement, Navy/	Other Ai	rcraft	(BA-4	l)								KC-1	30J					KC-												
							Pro	duct	tion I	Rate					Pro	cure	mer	nt Le	adtir	nes										
			ufactu									AL	ΤP	rior		T A			Initia			eorc						Un	it of	
Item	1	Name	and L	ocatio	n	M:	SR	EC	ON	MA	λX	to	Oct	1	(Oct '	1	M	fg Pl	LT	M	fg P	LT		Tota	ıl		Mea	asure	9
KC-130J USMC	LMAS	S, MAI	RIETT	A, GA	١	N/A	١	N/A	١	N/A			0			3			N/A			37*	•		40				Е	
									F	ISCAL	YEA	R 200	16									FIS	CAL \	'EAR	2007				ı	
ITEM / MANUFACTURER	F	S	Q	D	В		2005				CA	LEND	AR YI	EAR 2	2006				2006	3			C/	LEND	AR Y	EAR 2	2007			1
	Υ	V C	T Y	E	Α	0	N	D	J	F	М	Α	М	J	J	Α	s	0	N	D	J	F	М	Α	М	J	J	Α	s	В _Δ
		C	ľ		L	C T	O V	E	A N	E B	A R	P R	A Y	U N	U L	U G	E P	C T	0 V	E C	A N	E B	A R	P R	A Y	U N	U L	U G	E P	L
						'	V	C	IN	Ь	К	K	ī	IN		G	Г	'	V	C	IN	ь	К	K	ı	IN	_	- 6		
C-130J USAF/LMAS	05	Α	11	0	11														2	2		1	1	1	1	1	1	+	1	0
KC-130J USMC/LMAS	06	N	8	0	8				1								1	1	1	1		'	<u>'</u>	! '	'		l '	\vdash	+	4
C-130J USAF/LMAS	06	A	11	0	11				1									'	'	1			1	2		2	1	1	\vdash	3
O 1000 OOAI /EMAG	00		''		- ' '				1											•			<u>'</u>	_			l '	÷	\vdash	Ŭ
						l			l																			\vdash	\vdash	
																												†		
										FISC	AL Y	EAR	2008									FIS	CAL \	'EAR	2009					
ITEM / MANUFACTURER	F	S	Q	D	В		2007						CALE	NDAR	YEAR	R 2008	8						CA	LENE	AR Y	EAR 2	2009			i
	Υ	V C	T Y	E L	A L	0	N	D	J	F	М	Α	М	J	J	Α	S	0	N	D	J	F	М	Α	М	J	J	Α	S	B A
		C	r		_	C T	O V	E C	A N	E B	A R	P R	A Y	U N	U L	U G	E P	C T	0 V	E C	A N	E B	A R	P R	A Y	U N	U L	U G	E P	Ĺ
						-	V	C	IN	В	ιť	ĸ	ĭ	IN		G	-	_	٧	U	IN	D	ĸ	ĸ	ř	IN	<u> </u>	-		\vdash
C-130J USAF/LMAS	06	Α	11	8	3																1	1	1					-	+	0
KC-130J USMC/LMAS	06	N	8	4	4	1			1							1	1				'	'	'	1				+-	+	2
KC-130J USMC/LMAS	07	N	3	0	3	2		1	1							'	<u>'</u>											 	+-	0
C-130J USAF/LMAS	07	A	9	0	9	1		1		1	1	1	1	1	1		1					1						 	+-	0
KC-130J USMC/LMAS	08	N	4	0	4	l			l										2	1			1							0
C-130J USAF/LMAS	08	Α	9	0	9																			1	1	1	1		2	3
																												—	\perp	
						lacksquare			1														-					₩	\vdash	
						<u> </u>			<u> </u>																				ш	

Remarks:

DD Form 2445, JUL 87

^{*}Since the C-130J/KC-130J Multiyear Procurement Contract ended in FY08, PLT has increased from 23 months to 37 months due to the change in the Lockheed Martin production schedule.

UNCLASSIFIED

	В	UDGET	ITEM JUST	IFICATION	SHEET			DATE:			
			P-40						February 2	800	
APPROPRIATION/	BUDGET ACTIVI	TY				P-1 ITEM NO	MENCLATURE				
Aircraft Procureme	ent, Navy/Other	Aircraft ((BA-4)			KC-130J AD	VANCE PROCU	REMENT (MYP), 041600		
Program Element fo	or Code B Items:					Other Related	Program Elem	nents			
N/A											
	Prior	ID								То	
	Years	Code	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	Complete	Total
COST (In Millions)	\$141.069	A	\$45.553	\$33.671	\$33.932	\$34.911	\$36.186	\$37.591	\$39.069	\$87.302	\$489.284

MISSION AND DESCRIPTION:

The KC-130J aircraft is an all metal, high-wing, long-range, land-based monoplane. It is designed for cargo, tanker and troop carrier operations. For tanker operations, the aircrew will consist of a pilot, co-pilot, augmented crew member and two air refueling observers. Features include wing mounted refueling pods, an internal cargo ramp and door, crew and cargo compartment pressurization, ground and in-flight refueling, thermal deicing systems and a Heads-Up Display (HUD). It is designed to take off and land on unimproved runways.

The mission of the KC-130J is to provide tactical in-flight refueling and assault support transport. As a tactical transport, it is capable of conventional or aerial delivery of personnel or cargo. The aircraft is capable of carrying 92 combat troops or 64 paratroopers with equipment or 64 litters when configured as an ambulance. The aircraft is equipped for in-flight refueling to service two aircraft simultaneously and has a removable 3,600 gallon (13,627 liter) fuel tank in the cargo compartment.

The KC-130J has the capability to refuel low-speed helicopters and high-speed jet aircraft. Aerial refueling of helicopters is normally conducted at 6,000 feet or below, at an airspeed of 115 KTS TAS and requires a ground change of the refueling basket. The KC-130J aircraft is powered by four Allison AE 2100D3 Turbo-Prop Engines with four six-bladed composite propellers. The cockpit includes state-of-the-art electronics with Liquid Crystal Display (LCD) instrumentation. The improved power performance of the KC-130J provides 40 percent greater range, 25 percent higher cruise ceiling, 46 percent decrease in time-to-climb, 21 percent increase in maximum speed and 41 percent decrease in maximum effort take-off run over the existing KC-130F/R/T models.

An eighth aircraft was purchased with FY06 savings realized from conversion of C-130J Multi-Year Contract (MYP) from FAR Part 12 to FAR Part 15.

BASIS FOR FY 2009 BUDGET REQUEST:

The FY 2009 Advance Procurement request covers Termination Liability (TL) requirements for Airframe Contractor Furnished Equipment (CFE) and Long Lead Government Furnished Equipment (GFE) to support procurement of 2 KC-130J aircraft in FY10.

DD Form 2454, JUN 86 P-1 SHOPPING LIST
ITEM NO. 23 PAGE NO. 1 OF 3 CLASSIFICATION:

UNCLASSIFIED

Exhibit P-10 Advance Procu	rement Re	quireme	ents Analy	sis		Date:						
(Page 1 - Funding)							February 20	008				
Appropriation (Treas) Code/	CC/BA/B	SA/Item	Control 1	Numbei	P-1 Line It	em Nomenclat	ure					
Aircraft Procurement, Navy/Ot	her Aircraft	(BA-4)			KC-130J A	ADVANCE PI	ROCUREMI	ENT (MYP),	041600			
Weapon System				First Syster				veen Systems				
KC-130	J				March 03			1 Month				
						(\$ in Millions)					
	PLT	When Rqd	Prior Years	FY2007	FY2008	FY2009	FY2010	FY2011	FY2012	FY 2013	To Complete	Total
End Item Qty			29	3	4	2	2	2	2	2	5	51
CFE - Airframe T.L.	37				30.0	31.2	32.4	33.7	35.1	36.6	74.0	273.0
EOQ/Long Lead												
For FY 2005 EOQ/Long Lead			42.0									42.0
For FY 2006 EOQ/Long Lead			42.0									42.0
For FY 2007 EOQ/Long Lead			42.0									42.0
For FY 2008 EOQ/Long Lead			2.0	40.0								42.0
Total EOQ Long Lead	Var.	Var.	128.0	40.0								168.0
GFE Electronics	18-20		10.6	4.7	3.1	2.1	2.0	2.0	2.0	2.0	10.6	39.1
GFE Other	18-20		2.5	0.9	0.6	0.6	0.5	0.5	0.5	0.5	2.7	9.2
Total GFE Long Lead			13.1	5.6	3.7	2.7	2.5	2.5	2.5	2.5	13.3	48.3
Total AP	+		141.1	45.6	33.7	33.9	34.9	36.2	37.6	39.1	87.3	489.3

Description:

Airframe termination liability is for long-lead requirements for the KC-130J production program. The GFE Electronics and GFE Other Long Lead lines fund procurement of long-lead parts and materials necessary to maintain the KC-130J delivery schedule.

Since the C-130J/KC-130J Multiyear Procurement Contract ended in FY08, PLT has increased from 23 months to 37 months due to the change in the Lockheed Martin production schedule.

Note: T.L. is Termination Liability

P-1 SHOPPING LIST

Exhibit P-10, Advance Procurement Requirements Analysis

ITEM NO. 23

PAGE NO. 2 OF 3

UNCLASSIFIED

Exhibit P-10 Advance Procu	rement Requi	rements A	Analysis				Date:		
(Page 2 - Budget Justification	n)							February 2008	
Appropriation (Treasury) Co	de/CC/BA/BS	SA/Item C	Control Numbe	r	Weapon System		P-1 Line Item 1	Nomenclature	
Aircraft Procurement, Navy/	Other Aircraft	t (BA-4)			KC-130J		KC-130J ADVA	NCE PROCUREMENT	(MYP), 041600
					(TOA, \$ in Million	ns)			
					FY 2008	FY 2008			
				FY 2008 for	Contract	Total Cost	FY 2009 for	FY 2009 Contract	FY 2009Total
	PLT	QPA	Unit Cost	FY 2009 Qty	Forecast Date	Request	FY 2010 Qty	Forecast Date	Cost Request
End Item				2			2		_
CFE - Airframe	37	N/A	N/A	T.L. for 2	Dec 07	30.0	T.L. for 2	Dec 08	31.2
GFE Electronics	18-20	1	Var	2	Var	3.1	2	Var	2.1
GFE Other	18-20	1	Var	2	Var	0.6	2	Var	0.6
Total Advance Proc						33.7			33.9

Description:
Since the C-130J/KC-130J Multiyear Procurement Contract ended in FY08, PLT has increased from 23 months to 37 months due to the change in the Lockheed Martin production schedule.

Note: T.L. is Termination Liability

P-1 SHOPPING LIST

Exhibit P-10, Advance Procurement Funding

ITEM NO. 23

PAGE NO. 3 OF 3

		BUDGET IT	EM JUSTIF P-40	ICATION S	HEET				DATE:	Februa	ry 2008
APPROPRIATION/BUDGE AIRCRAFT PROCUREME		4 - OTHER A	AIRCRAFT				P-1 ITEM N F-5, 04170	0			
Program Element for Code	B Items:						Other Rela	ted Progran	n Elements		
	Prior Years	ID Code	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Program
Quantity	27	Α	5								32
Net P-1 Cost (\$M)	21.431		4.486								25.917
Advance Proc (\$M)											
WPN Sys Cost (\$M)	21.431		4.486								25.917
Initial Spares (\$M)											
Proc Cost (\$M)	21.431		4.486								25.917
Unit Cost (\$M)	.794	_	.897								.810

Description:

The F-5E is a single seat, dual engine supersonic land based fighter. It is designed to a service life of 4000 flight hours, 4000 landings, and 5000 gear extension/retraction cycles, given a severe usage spectrum, such as the USN/USMC Adversary mission. On average the USN/USMC F-5E aircraft have 7000 flight hours. The aircraft is powered by dual J85-21C engines. On average, the F-5E has a \$2500.00 per hour flight cost which is significant savings compared to FA/18 or F-16 platform to perform Adversary training.

Mission:

The mission of the F-5E is to provide the Tactical Air Operational Fleet with Adversary training during the Strike Fighter Advanced Readiness Program (SFARP). As a supersonic aircraft, it is capable of multi-threat environment. Most sorties flown by the F-5E involve multi-aircraft scenarios flying against deploying F/A-18 and F-14 fighter aircraft. This mission cannot be fulfilled through non-material alternatives.

Basis for FY 2009 Request: No funds are requested in FY2009.

UNCLASSIFIED
(Exhibit P-40)

CLASSIFICATION:

	WEAPON	IS SYSTEM COS	T ANALYSIS									DATE:	February 200
		P-5											•
	PRIATION/BUDGET ACTIVITY						P-1 ITEM NOMEN	NCLATURE/SUB	HEAD			•	
ircraft	Procurement, Navy/BA 4 - Other Aircraft												
							F-5, 041700/44F	- 5					
						TOTAL COST IN							
								50220					
COST	ELEMENT OF COST	ID	Prior	Years		FY 2007			FY 2008			FY	2009
CODE		Code											
			Quantity	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost
1	AIRFRAME/CFE	A	27	19,117	5	888	4,439						
	CFE ELECTRONICS	, ,		10,111	ŭ	000	1, 100						
	GFE ELECTRONICS												
	ENGINES / ENGINE ACC			2,238									
	ARMAMENT			,									
6	INSTRUMENTS												
7	OTHER GFE												
8	REC FLYAWAY ECO												
9	Rec Flyaway Cost			21,356		888	4,439						
10	AIRFRAME PGSE												
	ENGINE PGSE												
	AVIONICS PGSE												
	PEC TRNG EQ												
	PUBS / TECH DATA												
15	OTHER ILS												
16	FACILITIES MANAGEMENT												
	PRODUCTION ENG SUPPORT			75			47						
18	OTHER ILS												
	FACILITIES MANAGEMENT												
	PRODUCTION ENG SUPPORT												
	MISCELLANEOUS SUPPORT												
22	Support Cost			75			47						
23	Gross P-1 Cost			21,431			4,486						
	Adv Proc Credit									ĺ			
25	Net P-1 Cost			21,431			4,486			ĺ			
	Adv Proc CY									ĺ			
	Weapon System Cost			21,431			4,486			ĺ			
	Initial Spares									ĺ			
29	Procurement Cost			21,431			4,486						
				21,431			4,486			1			

DUDGET DOCUDEMENT HISTORY	AND	N ANNINIO E	VIIIDIT (D.EA)			IWaanaa Custam		Ι _Λ ΒΛ-		
BUDGET PROCUREMENT HISTORY	AND F	LANNING E	EXHIBIT (P-5A)			Weapon System F-5		A. DA ⁻ Februar		
B. APPROPRIATION/BUDGET ACTIV	/ITY				C. P-1	ITEM NOMENCLATURE		rebiuai		HEAD
						THE INTERNATION AND THE PROPERTY OF THE PROPER				
AIRCRAFT PROCUREMENT, NAVY/BA	4 4 - O	THER AIRC	RAFT		F-5, 041	700			44	lF5
P-5A AIRFRAME/CFE										
				RFP	Contract		l '	Date of	Tech Data	Date
Cost Element/Fiscal Year	Qty	Unit Cost	Location of PCO	Issue Date	Method & Type	Contractor and Location	Award Date	First Delivery	Available Now	Revisions Available
	α.,			2 4.0	.,,,,,		1 2 410	20		7114114215
FY 2007 Airframe/CFE		5 888	NAVAIR	N/A	FFP	Government of Swiss Confederation, Bern, BE	Nov-06	Dec-06	N/A	N/A
1 1 2007 / Millamo, Of E	Ì			14// (Government of Gwiss Goringdoration, Berri, BE	1107 00	D00 00	14// (14/71
							<u> </u>			
D. Remarks:										
D. Remarks:										

RODUCTION SCHEDULE, F	P-21																	DATE			Feb								
PPROPRIATION/BUDGET A														-	sys Sys	tem		P-1	ITE	ΜN	OM	ENC	LA ^T	TURE	Ē_	- ^	445		
ircraft Procurement, N	avy/B/	۱4												F-5					14.						F-:	5, 0	417	00	
	ı		C 1				Pro	ducti	ion l	Rate		A 1			Proc												1		
lka ma			ufactu				0.0		~ NI		۸ ۷/		T Pr		AL.				nitia			eorc	-		T-4-	.1		Unit	-
Item -5	ľ	Vame	and L			N/A	SR	N/A		M/A		ιο	Oct 0			Oct 1	I	IVI	fg PL 0	_!	IVI	fg P 0	LI	-	Tota 1	ll		Meas E	sure
-5	10				ΠL	IN/A	١	IN/A		IN/A	ı		- 0			- 1			U			0			ı			<u> </u>	
	10	SWILZ	enanc	<u>, </u>																									
			S Q D B 2006				CAL Y	EAR :	2007									FIS	CAL Y	'EAR	2008								
ITEM / MANUFACTURER	F	s	S Q D B 2006 V T E A O N D J F C Y L L C O E A E					LEND		EAR 2	2007				200	07				LEND		EAR 2	008						
	Υ		FISCAL YE S Q D B 2006 CAL // T E A O N D J F M C Y L L C O E A E A T V C N B R				A	M	J	J	A U	S	0 0	N	D	J	F	M	A P	M	J	J	A	S					
		C	Y	L	L					В		P R	A Y	U N	U L	G	E P	C T	0 V	E C	A N	E B	A R	R	A Y	U N	U	U G	E P
5/Swiss Government	07	N	5	0	5		Α	2	2	1																			
										FISC	CAL Y	EAR :	2009									FIS	CAL Y	'EAR	2010				
ITEM / MANUFACTURER	F	S	Q	D	В			800			CA	LEND		EAR 2	2009	ı			200			1	1	LEND	1	EAR 2	010		
	Y	V C	T Y	E L	A L	O C	N O	D E	J A	F E	M A	A P	M A	J	J	A U	S E	O C	N O	D E	J A	F E	M A	A P	M A	J	J	A U	S E
						Т	٧	С	N	В	R	R	Y	N	L	G	Р	T	٧	С	N	В	R	R	Y	N	L	G	Р
																												\vdash	
																												\vdash	
							1																					\longrightarrow	

DD Form 2445, JUL 87

Previous editions are obsolete

(Exhibit P-21)

		BUDGET IT	EM JUSTIF P-40	ICATION S				DATE:	Februar	y 2008	
APPROPRIATION/BUDGET AIRCRAFT PROCUREMENT		۸-4, OTHER	AIRCRAFT				P-1 ITEM N 044300, Ve	_	_	UAV)	
Program Element for Code B 0305204N	3 Items:					Other Relat	ed Program	Elements			
	Prior Years	ID Code	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Program
Quantity		В	3	3	3	6	6	9	10	128	168
Net P-1 Cost (\$M)		В	37.419	37.432	55.337	73.347	75.560	96.345	102.799	1,013.122	1,491.361
Advance Proc (\$M)		В									
WPN Sys Cost (\$M)		В	37.419	37.432	55.337	73.347	75.560	96.345	102.799	1,013.122	1,491.361
Initial Spares (\$M)		В	5.843	1.118	6.914	.490	.501	.767	.784	90.842	107.259
Proc Cost (\$M)		В	43.262	38.550	62.251	73.837	76.061	97.112	103.583	1,103.964	1,598.620
Unit Cost (\$M)		В	14.421	12.850	20.750	12.306	12.677	10.790	10.358	8.625	9.516

The Vertical Take-Off and Landing Tactical Unmanned Air Vehicle (VTUAV; MQ-8B; popular name 'Fire Scout) provides real-time and non-real-time Intelligence, Surveillance and Reconnaissance (ISR) data to tactical users without the use of manned aircraft or reliance on limited joint theater or national assets. The baseline VTUAV can accomplish missions including over-the-horizon tactical reconnaissance, classification, targeting and laser designation and battle management (including communications relay). The VTUAV launches and recovers vertically, and can operate from air capable ships, as well as confined area land bases. Other characteristics include autonomous air vehicle launch and recovery, autonomous waypoint navigation with command override capability, and the incorporation of an electro-optical/infrared laser designator-laser range finder modular mission payload. Interoperability is achieved through the use of the Tactical Control System (TCS) software in the ground control station, and through the use of the Tactical Common Data Link (TCDL). The data from the VTUAV will be provided through standard DoD Command, Control, Communications, Computers and Intelligence Surveillance, and Reconnaissance (C4ISR) system architectures and protocols.

A VTUAV system is comprised of air vehicles, electro-optical/infrared/laser designator-rangefinder payloads, Ground Control Stations (with TCS and TCDL integrated for interoperability), and a UAV Common Automatic Recovery System (UCARS) for automatic take-off and landings, and associated spares and support equipment. The VTUAV system will Support Surface Warfare, Mine Interdiction Warfare, and Anti-Submarine Warfare mission modules while operating onboard LCS, and system procurement is tied to mission modules supporting LCS, vice sea frames. A limited number of land-based ground control stations supplement the system to support shore based operations, such as predeployment or acceptance functional check flights. These land based ground control stations will also support depot level maintenance/post-maintenance activities.

The U.S. Army has selected the MQ-8B as their Class IV UAV for the Future Combat Systems(FCS). Coordination with the U.S.Army FCS Program is on-going to investigate the potential cost savings for both programs where system commonalities and common logistics support can be identified.

The VTUAV program received Milestone C approval in May 2007, authorizing Low Rate Initial Production.

BASIS FOR FY2009 REQUEST: FY09 fully funds three VTUAV air vehicles, training equipment, and associated support.

CLASSIFICATION: UNCLASSIFIED

XIIIDIL	P-5 Cost Analysis	Weapon Syste	m					DATE: Februar	v 2008
PPRO	PRIATION/BUDGET ACTIVITY	ID Code		P-1 ITEM NOM	ENCLATURE				<i>y</i> =000
	FT PROCUREMENT,NAVY / BA-4, OTHER AIRCRAFT	В		044300, Vertical Ta		AV)			
					Dollars in Tho				
					Dollars III Tho	usanus			
Cost	Element of Cost	Prior Years	FY 2	2007	FY 2	2008	FY 2	2009	
		QTY: 0	QTY:	3	QTY:	3	QTY:	3	
		Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	
	AIRFRAME/CFE		6,830	20,490	6,106	18,318	6,259	18,776	
	CFE ELECTRONICS								
	GFE ELECTRONICS								
	ENGINES / ENGINE ACC								
	ARMAMENT								
	INSTRUMENTS								
	OTHER GFE								
	REC FLYAWAY ECO								
	Rec Flyaway Cost		6,830	20,490	6,106	18,318	6,259	18,776	
	NON-RECURRING			3,455		1,972		1,722	
	ANCILLARY EQUIPMENT			7,875		8,413		12,595	
	MISCELLANEOUS								
	Total Flyaway Cost		10,607	31,820	9,568	28,703	11,031	33,093	
	AIRFRAME PGSE								
	ENGINE PGSE								
	AVIONICS PGSE								
	PEC TRNG EQ					358		6,070	
	PUBS / TECH DATA								
	OTHER ILS			5,042		6,481		12,060	
	FACILITIES MANAGEMENT								
	PRODUCTION ENG SUPPORT			557		1,890		4,114	
	MISCELLANEOUS SUPPORT					, , , ,		·	
	Support Cost			5,599		8,729		22,244	
	Gross P-1 Cost			37,419		37,432		55,337	
	Adv Proc Credit			37,113		37,132		33,337	
	Net P-1 Cost			37,419		37,432		55,337	
	Adv Proc CY			31,419		31,432		55,557	
	Weapon System Cost			37,419		37,432		55,337	
	Initial Spares			5,843					
				5,843 43,262		1,118		6,914	
	Procurement Cost			43,262		38,550		62,251	

BUDGET PROCUREMENT HISTO	RY AND PI	ANNING E	XHIBIT (P-5A)			Weapon System		A. DAT	E	
						VTUAV		F	ebruary 20	
B. APPROPRIATION/BUDGET AC	STIVITY				C. P-1	ITEM NOMENCLATURE			SUBI	HEAD
AIRCRAFT PROCUREMENT, NAV	Y / BA-4, O	THER AIR	CRAFT		044300,	Vertical Take-off UAV (VTUAV)			J4	UV
P-5A AIRFRAME/CFE										
Cost Element/Fiscal Year	Qty	Unit Cost (000)	Location of PCO		Contract Method & Type	Contractor and Location	Award Date	Date of First Delivery	Tech Data Available Now	Date Revisions Available
FY 07 Air Vehicle	3	6,830	NAVAIR	Feb-07	SS-FFP	NORTHROP GRUMMAN SYSTEMS CORPORATION, SAN DIEGO, CA	May-07	Jan-09	Yes	May-07
FY 08 Air Vehicle	3	6,106	NAVAIR	Aug-07	SS-FFP	NORTHROP GRUMMAN SYSTEMS CORPORATION, SAN DIEGO, CA	Feb-08	Aug-09	Yes	N/A
FY 09 Air Vehicle	3	6,259	NAVAIR	Aug-08	SS-FFP	NORTHROP GRUMMAN SYSTEMS CORPORATION, SAN DIEGO, CA	Nov-08	May-10	Yes	N/A
D. Remarks:										

BUDGET PRODUCTION SCH	IEDULE,	P-21																DATE	E		F	ebr	uary	/ 200	08					
APPROPRIATION/BUDGET A														•	า Sys	sten	1					ENC								
AIRCRAFT PROCUREMENT,	NAVY / E	3A-4,	OTHE	R AIF	RCRAI								VTU	JAV								al Ta	ke-c	off U	AV	(VTL	JAV)	<u> </u>		
							Pro	duct	ion I	Rate	!						mer													
			ufacti				0.0		~	١.,				rior		ΤΑ			Initia			eord							it of	
Item VTUAV		vame	and L	ocatio	n	IVIS	SR	EC	ON	M	4X	to	Oc	t 1	_ '	Oct	1	IVI	fg P	LI	M	lfg P	<u>'LI</u>		Tota	al		Mea	asure	Э
Air Vehicle	N Cr		n Co	rporati	00	3	,		0	2	3		3			2			20			18			20		-	E		—
All Verlicie	IN. GI	ullillia	all CO	ιρυιαιι	OH	- 3)	- 1	U	3	3		3						20			10			20					—
																														—
			500																											
			FISC																											
										ISCAI	L YEA	R 20	06									FIS	CAL \	/EAR	2007					
ITEM / MANUFACTURER	F	S	S Q D B 2005 V T E A O N D J F								CA	LEND	AR Y	EAR 2	2006				2006				CA	LENE	AR Y	'EAR	2007			1
	Υ		S Q D B 2005 V T E A O N D J F								M	A P	M A	J	J	A U	S E	0 C	N O	D E	J A	F E	M	A P	M A	J	J	A U	S E	B A
						T	٧	С	N	В	R	R	Y	N	L	G	Р	T	٧	C	N	В	A R	R	Y	N	L	G	Р	L
Air Vehicle - NGC	FY07	N	V T E A O N D J F M C O E A E A T V C N B R																				Α					3		
				Q D B 2005 C C C C C C C C C C C C C C C C C C																								₽		
			Q D B 2005 T E A O N D J F C Y L L C O E A E T V C N B																									₩		1
				T E A O N D J F C O E A E T V C N B																								1		
																												₩		
																								1				+-		1
																												†		
										FISC	CAL Y	EAR	2008									FIS	CAL \	/EAR	2009					
ITEM / MANUFACTURER	F	S	Q	D	В		2007					(CALE	NDAR	YEA	R 200	8						CA	LENE	AR Y	'EAR	2009			
	Υ	V C	T Y	E L	A L	0	N	D	J	F	М	Α	М	J	J	Α	S	0	N	D	J	F	М	Α	М	J	J	Α	S	B A
			•		_	C T	0 V	E C	A N	E B	A R	P R	A Y	U N	U L	U G	E P	C T	0 V	E C	A N	E B	A R	P R	A Y	U	U	U G	E P	L
Air Vehicle - NGC	FY07	N	3	0	3																1		1	t	1		t	+		0
Air Vehicle - NGC	FY08	N	3	0	3					Α																		1		2
Air Vehicle - NGC	FY09	N	3	0	3														Α											3
				-																				1			1	₩		
																								\vdash			\vdash	+		┢
<u>-</u>																											L			L
Remarks:																														

DD Form 2445, JUL 87

Previous editions are obsolete

311 / 244

BUDGET PRODUCTION SCHI																		DATE	Ē		F	ebr	uary	200	08					
APPROPRIATION/BUDGET A			O-1.15											-	n Sys	stem			ITE											
AIRCRAFT PROCUREMENT,N	NAVY / E	3A-4,	OTHE	RAIR	RCRAI	- I I	Dro	d oti	on [) oto			VTL	JAV		CUrc			300 adtii			ıl Ia	ke-c	off U	AV (VIL	JAV)	<u> </u>		
		Mar	nufactu	ırer's			PIO	Jucti	OH F	tate		AL	T P	rior		T A			nitia			eord	der	<u> </u>			\Box	Ur	nit of	
Item	N				n	М	SR	EC	ON	M	AX		Oct			Oct			fg Pl			fg P			Tota	al			asure	
VTUAV																														
Air Vehicle	N. Gr	umma	an Coi	porati	on	-	3	1	0	3	3		3			2			20			18		ļ	20		₩		E	
																											+			
				D B 2009 E A O N D J F M																	\vdash									
																													_	_
			V T E A O N D J C O E A T V C N					FISC										FIS			2011									
ITEM / MANUFACTURER	F Y		Q D B 2009 T E A O N D J F C O E A E T V C N B				A	M	NDAR J	YEAF	R 201 A			N	D	J	l -	CA M		AR Y	EAR 2	2011	Τ,		В					
						С	0	Е	Α	Е	A R	P R	A Y	Ŋ	J L	U G	S E P	O C T	0 V	E	A N	F E B	A R	A P R	A Y	N N	U	A U G	S E P	A L
Air Vehicle - NGC	FY08	N	3	1	2		1																							0
Air Vehicle - NGC	FY09	N	Name							1			1			1											0			
			Production F																				-	₩		_				
																												+	\vdash	
																											-	₽		<u> </u>
																												\vdash	H	
																											<u> </u>	L		
ITEM (MANUEA OTUDED	_				_				ı	FISC	AL YI	EAR 2					_				I	FIS	CAL Y							
ITEM / MANUFACTURER	F Y	S V	Q T	D E	B A	0	2011 N	D	J	F	М	A	M	NDAR	YEAF		S	0	N	D	J	F	M	A	AR Y	EAR 2	2013	Α	S	В
		С	Y	L	L	C T	0 V	E C	A N	E B	A R	P R	A Y	3 U Z	U L	A U G	E P	C T	0 >	ышС	A N	E B	A R	P R	A Y	U	U	U	E P	A L
																												╀		_
																												\vdash		
								-									-										-	\vdash		
																											匚			
Remarks:																														

DD Form 2445, JUL 87

Previous editions are obsolete

311 / 244

(Exhibit P-40, page 5 of 5))

UNCLASSIFIED

		Bl	JDGET ITEI	M JUSTIFIC	ATION SH	IEET				DATE:	
				P-40						February 2008	
APPROPRIATION/BUDGE	ET ACTIVITY					P-1 ITEM NO	MENCLATUR	RE		-	
AIRCRAFT PROCUR	EMENT, NA	VY/ BA 4 -	OTHER A	RCRAFT		OTHER SU	JPPORT AI	RCRAFT, 0	46500		
Program Element for Code	B Items:					Other Related	d Program Ele	ments			
	T = .		T	1	1		ı	1	ı	_	T = .
	Prior	ID	E)/ 0007	E) / 0000	E)/0000	E)/ 0040	E)/ 0044	F)/ 0040	F)/ 0040	То	Total
	Years	Code	FY 2007	FY 2008	FY2009	FY 2010	FY 2011	FY 2012	FY 2013	Complete	Program
QUANTITY		Α	3	1							4
Net P-1 Cost (\$M)			29.279	8.244							37.523
Advance Proc (\$M)											
Wpn Sys Cost (\$M)			29.279	8.244							37.523
Initial Spares (\$M)				0.500							0.500
Proc Cost (\$M)			29.279	8.744							38.023
Unit Cost (\$M)			9.760	8.744							9.506

Description:

The U.S. Marine Corps (USMC) Operational Support Airlift (Light) aircraft will be a FAA type-certified modern commercial cargo/passenger transport aircraft that will replace the USMC UC-12B aircraft in performing Operational Support Airlift (OSA) missions. The OSA mission provides transportation for high priority passengers and cargo with time, place or mission sensitive requirements. The aircraft will be capable of operating out of short, unimproved airfields; carry a minimum of nine passengers or light cargo; or carry a combination of passengers and cargo. The aircraft will be delivered with the following military unique systems: UHF radio, TACAN radio, IFF/SIF, and Aircraft Survivability Equipment (ASE).

Basis for FY2009 request:

No funds are requested in FY 2009.

P-1 SHOPPING LIST CLASSIFICATION:

DD Form 2454, JUN 86 ITEM NO. 26

UNCLASSIFIED

	WEAPONS S	YSTEM COST A	ANALYSIS									DATE:	
	PRIATION/BUDGET ACTIVITY AFT PROCUREMENT, NAVY/ BA	P-5	AIRCRAFT		P-1 ITEM NO	OMENCLATI	JRE/SUBHEA	VD				Februa	ry 2008
AINCK	AFT FROCUREMENT, NAV 17 BA	4-OINER	AIRCRAFI		OTHER SI	JPPORT /	AIRCRAFT.	046500 / 4	14SL				
				TOTAL COST IN THOUSA									
COST	ELEMENT OF COST	ID Code	Prior	Years		FY 2007			FY 2008			FY 2009	
CODE		Code	Quantity	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Co
	AIRFRAME/CFE CFE ELECTRONICS	А			3	7,350	22,050	1	7,350	7,350			
4 5 6 7	GFE ELECTRONICS ENGINES / ENGINE ACC ARMAMENT INSTRUMENTS OTHER GFE					950	2,850		894	894			
	REC FLYAWAY ECO Rec Flyaway Cost					8,300	24,900		8,244	8,244			
11 12 13 14	AIRFRAME PGSE ENGINE PGSE AVIONICS PGSE PEC TRNG EQ PUBS / TECH DATA OTHER ILS						204 82 4 60 170 280						
16 17	PRODUCTION ENG SUPPORT MISCELLANEOUS SUPPORT						3,579						
	Support Cost						4,379						
21	Gross P-1 Cost Adv Proc Credit						29,279			8,244			
23	Net P-1 Cost Adv Proc CY Weapon System Cost						29,279 29,279			8,244 8,244			
	Initial Spares Procurement Cost						29,279			500 8,744			

DD FORM 2446, JUN 86 P-1 SHOPPING LIST CLASSIFICATION:

ITEM NO. 26

UNCLASSIFIED

BUDGET PROCUREN	IENT HISTO	DRY AND F	PLANNING EXHIBIT	(P-5A)		Weapon System		A. DATE		
						OTHER SUPPORT AIRCRAFT		Febru	ary 2008	
B. APPROPRIATION/BUDGET					C. P-1 ITEM NOM	MENCLATURE			SUBHEAD	
AIRCRAFT PROC	UREMEN	T, NAVY	/ BA 4 - OTHER	AIRCRAFT		PPORT AIRCRAFT, 046500			44SL	
Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	TECH DATA AVAILABLE NOW?	DATE REVISIONS AVAILABLE
AIRFRAME/CFE FY2007	3	7,350	NAVAIR, MD	11/07	C-FFP*	TBD	5/08	1/10	NO	N/A
AIRFRAME/CFE FY2008	1	7,350	NAVAIR, MD	11/07	C-FFP*	TBD	5/08	1/10	NO	N/A
			l .			1			<u> </u>	

D. REMARKS

DD Form 2446-1, JUL 87

P-1 SHOPPING LIST

ITEM NO. 26

^{*} Contract method and type: C-FFP: Competitive/Firm Fixed Price

PRODUCTION SCHEDULE, P-2	1													DATE				ebrua											
PPROPRIATION/BUDGET AC												Wea	pon	Sys	stem			ITE											
AIRCRAFT PROCUREME	NT, N	IAVY	/BA	4 - C	THE						(JTH	ER		A/C			HER			DRT	AIR	CRA	ŀFΤ,	046	500			
	1					Pro	oduct	tion	Rate							mer													
	١.		ufactu						١			T Pr			TA			Initia			eord							it of	
Item OTHER SUPPORT AIRCRAFT	TBD	Name	and L	ocatio	n	MSR		ON		λX	to	Oct	1	•	Oct 20	1	IVI	fg Pl 20	L I	M	fg P	<u>LI</u>		Tota	ı		Mea	sure	<u>e</u>
THER SUPPORT AIRCRAFT	IBD		NA NA NA									20			20						40			E					
																									_				
					_																								
ITEM / MANUFACTURER	F	S	V T E A O N D J F M									AR 2	:006				2006	3	I	FISC		EAR LEND		EAR 2	007			-	
	Y	V C	T Y	Q D B 2005 CALENC					Р	M A Y	J U V	J	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	ZOZ	J U L	A U G	S E P	1		
																													l
									FISC	CAL Y	EAR 2	2008									FISO	CAL Y	EAR :	2009					-
ITEM / MANUFACTURER	F	S	Q	D	В	2007	,				(CALE	NDAR	YEA	R 200	8						CA	LEND	AR YE	EAR 2	009			
	Y	V C	T Y	E L	A L	O N C O T V		J A N	F E B	M A R	A P R	M A Y	N O L	J U	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	ZCC	J U	A U G	S E P	
THER SUPPORT AIRCRAFT	07	MC	3	0	3							Α																	
THER SUPPORT AIRCRAFT	80	MC	1	0	1							Α						L											
																													l
																													L
																													F
emarks:																													L

DD Form 2445, JUL 87

P-1 SHOPPING LIST

ITEM NO. 26

Exhibit P-21 Production Schedule

CLASSIFICATION: