

UNITED STATES AIR FORCE

Committee Staff Procurement Backup Book

Fiscal Year (FY) 2010 Budget Estimates



May 2009

AIRCRAFT PROCUREMENT, AIR FORCE

VOLUME I

OPR: SAF/FMB

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DARP

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FISCAL YEAR (FY) 2010 BUDGET ESTIMATES

MAY 2009

SECTION 1:

APPROPRIATION LANGUAGE

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**AIRCRAFT PROCUREMENT
AIR FORCE**

For construction, procurement, and modification of aircraft and equipment, including armor and armament, specialized ground handling equipment, and training devices, spare parts, and accessories therefor; specialized equipment; expansion of public and private plants, Government-owned equipment and installation thereof in such plants, erection of structures, and acquisition of land, for the foregoing purposes, and such lands and interests therein, may be acquired, and construction prosecuted thereon prior to approval of title; reserve plant and Government and contractor-owned equipment layaway; and other expenses necessary for the foregoing purposes including rents and transportation of things, \$11,966,276,000 to remain available for obligations until September 30, 2012.

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FISCAL YEAR (FY) 2010 BUDGET ESTIMATES

MAY 2009

SECTION 2:

GLOSSARY/ORGANIZATIONS/TERMS

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GLOSSARY OF ACRONYMS

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

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EW - Electronic Warfare
EWAISP - Electronic Warfare Avionics Integration Support Facility
FLIR - Forward Looking Infra Red
FOT&E - Follow-on Test and Evaluation
FOC - Fully Operational Capability
FLTS - Flight Line Test Set
FPIF - Fixed Price Incentive Firm
FPIS - Fixed Price Incentive Fee, Successive Targets
GANS - Global Access Navigation & Safety
GATM - Global Air Traffic Management
GFE - Government Furnished Equipment
GPS - Global Positioning System
GSE - Ground Support Equipment
IOC - Initial Operating Capability
IPE - Increased Performance Engine
JPALS - Joint Precision Approach and Landing System
LANTIRN - Low Altitude Navigation and Targeting Infra Red System for Night
METS - Mobile Electronic Test Stations
MYP - Multiyear Procurement
MSIP - Multi-Stage Improvement Program
NAVWAR - Navigation Warfare
NMC Rate - Not Mission Capable Rate
OFP - Operational Flight Program
OT&E - Operational Test and Evaluation
OWRM - Other War Reserve Material
PAGEL - Priced Aerospace Ground Equipment List
PB - President's Budget
PGSE - Peculiar Ground Support Equipment
PMC - Procurement Method Code
PR - Purchase Request
PTT - Part Task Trainer

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PY - Prior Year
R&M - Reliability and Maintainability
RAA - Required Asset Availability
RDT&E - Research, Development, Test and Evaluation
RVSM - Reduced Vertical Separation Minimum
RWR - Radar Warning Receiver
ROM - Rough Order of Magnitude
SAM - Surface-to-Air Missile
SS - Sole Source
SOF - Special Operation Force
TAF - Tactical Air Force
TCAS - Traffic Collision Alert and Avoidance System
TEWS - Tactical Electronic Warfare System
TISS - TEWS Intermediate Support System
TOA - Total Obligation Authority
WMP - War Mobilization Plan
WRM - War Reserve Material
WST - Weapon System Trainer
UAV - Unmanned Aerial Vehicle
UHF - Ultra High Frequency
USA - United States of America
VHSIC - Very High Speed Integrated Circuit

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ORGANIZATIONS

ACC - Air Combat Command

AFMC - Air Force Material Command

ALC - Air Logistics Center

ASC - Aeronautical Systems Center

ATC - Air Training Command

FAA - Federal Aviation Administration

NATO - North Atlantic Treaty Organization

OSD - Office of the Secretary of Defense

PACAF - Pacific Air Forces

USAFE - United States Air Forces Europe

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TERMS

Advanced Buy - Obligating fund for longlead material/component in advance of the fiscal year the end item is authorized

Avionics - Electronic equipment on-board aircraft

Boresight - An optical reference line used in harmonizing guns, rockets on other weapon launchers

Chaff Flare - Radar and infrared countermeasures

Depot - Wholesale level repair and supply point

Drone - An object used for target practice

Fly by wire - Full authority electronic flight control system

Ground Clutter - Objects on the ground which cause distorted or misleading radar readings

Interdiction - Operational term for behind the front line bombing

Inter theater - Global

Intratheater - Within given area

Mobilization - The ability to move war-fighting equipment from one place to another

Multi Stage Improvement Program - A phased program for upgrading the F-15 and F-16

Off the Shelf - Commercially available equipment

Pipeline Standards - The expected average time it takes for a component to be removed from the aircraft, repaired and returned for use in serviceable condition

Prototype - A working model transforming a developmental idea into reality

Provisioning - The process of determining and contracting for spare parts required to support new production systems for the initial support period

Pylon - Munitions adapter

Readiness - Ability to go to war and support initial deployment

Robotics - Automated manufacturing technique

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S-Band - Radio frequency spectrums from 1550 to 3900 MHZ

Solicitation - The process of requesting proposals from private industry for goods and services required by the government

Surge - The period of time between normal operations and increased operations

Sustainability - Ability to sustain wartime combat rates after initial surge

Target - See Drone

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FISCAL YEAR (FY) 2010 BUDGET ESTIMATES

MAY 2009

SECTION 3:

3010F AIRCRAFT, EXHIBIT P-1

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Department of the Air Force
 FY 2010/2011 President's Budget
 Exhibit P-1
 Summary
 (Dollars in Millions)

05 MAY 2009

APPROPRIATION: Aircraft Procurement, Air Force

Budget Activity -----	FY 2008 -----	FY 2009 -----	FY 2010 -----
01. Combat aircraft	4,946.9	5,080.0	2,444.6
02. Airlift aircraft	5,983.1	976.6	1,817.8
03. Trainer aircraft	231.4	27.6	19.9
04. Other aircraft	2,253.8	2,205.1	1,913.4
05. Modification of inservice aircraft	3,485.3	3,746.9	4,302.1
06. Aircraft spares and repair parts	288.9	254.7	418.6
07. Aircraft supt equipment & facilities	1,500.4	984.8	1,049.9
TOTAL Aircraft Procurement, Air Force	18,689.9	13,275.6	11,966.3

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Department of the Air Force
 FY 2010/2011 President's Budget
 Exhibit P-1
 (Dollars in Millions)

APPROPRIATION: 3010F Aircraft Procurement, Air Force

DATE: 05 MAY 2009

LINE NO	ITEM NOMENCLATURE	IDENT CODE	FY 2008		FY 2009		FY 2010		S E C
			Quantity	Cost	Quantity	Cost	Quantity	Cost	
BUDGET ACTIVITY 01: Combat aircraft									

TACTICAL FORCES									
1	F-35	A	6	(1,383.0)	7	(1,611.9)	10	(2,220.3)	U
	LESS: ADVANCE PROCUREMENT (PY)			(-93.6)		(-122.7)		(-171.4)	U
				-----		-----		-----	
				1,289.4		1,489.2		2,048.8	
2	F-35								
	ADVANCE PROCUREMENT (CY)			122.7		171.4		300.6	U
	(FY 2008 FOR FY 2009) (MEMO)			(122.7)					
	(FY 2009 FOR FY 2010) (MEMO)					(171.4)			
	(FY 2010 FOR FY 2011) (MEMO)							(300.6)	
3	F-22A	A	20	(3,570.3)	20	(3,457.8)		(616.7)	U
	LESS: ADVANCE PROCUREMENT (PY)			(-459.3)		(-560.0)		(-521.6)	U
				-----		-----		-----	
				3,111.0		2,897.8		95.2	
4	F-22A								
	ADVANCE PROCUREMENT (CY)			423.8		521.6			U
	(FY 2008 FOR FY 2009) (MEMO)			(423.8)					
	(FY 2009 FOR FY 2010) (MEMO)					(521.6)			
				-----		-----		-----	
	TOTAL Combat aircraft			4,946.9		5,080.0		2,444.6	
BUDGET ACTIVITY 02: Airlift aircraft									

TACTICAL AIRLIFT									
5	C-17A (MYP)	A	15	3,565.6		317.9		88.5	U

Exhibit P-1: Total (Direct and Supplementals), as of May 5, 2009 at 12:40:13

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Department of the Air Force
 FY 2010/2011 President's Budget
 Exhibit P-1
 (Dollars in Millions)

APPROPRIATION: 3010F Aircraft Procurement, Air Force

DATE: 05 MAY 2009

LINE NO	ITEM NOMENCLATURE	IDENT CODE	FY 2008		FY 2009		FY 2010		S E C
			Quantity	Cost	Quantity	Cost	Quantity	Cost	
OTHER AIRLIFT									
6	C-130J	A	28	(2,456.2)		(24.9)	3	(381.4)	U
	LESS: ADVANCE PROCUREMENT (PY)			(-113.9)				(-95.7)	U
				2,342.3		24.9		285.6	
7	C-130J					95.7		108.0	U
	ADVANCE PROCUREMENT (CY)					(95.7)			
	(FY 2009 FOR FY 2010) (MEMO)							(108.0)	
	(FY 2010 FOR FY 2011) (MEMO)								
8	HC/MC-130 RECAP	A			6	(533.4)	9	(959.0)	U
	LESS: ADVANCE PROCUREMENT (PY)					(-75.2)		(-79.8)	U
						458.2		879.2	
9	HC/MC-130 RECAP			75.2		79.8		137.4	U
	ADVANCE PROCUREMENT (CY)			(75.2)					
	(FY 2008 FOR FY 2009) (MEMO)								
	(FY 2009 FOR FY 2010) (MEMO)					(79.8)		(137.4)	
	(FY 2010 FOR FY 2011) (MEMO)								
10	JOINT CARGO AIRCRAFT	A					8	319.1	U
TOTAL Airlift aircraft				5,983.1		976.6		1,817.8	
BUDGET ACTIVITY 03: Trainer aircraft									

UPT TRAINERS									
11	USAFA POWERED FLIGHT PROGRAM	A					13	4.1	U
OPERATIONAL TRAINERS									
12	JPATS	A	39	231.4		27.6		15.7	U
TOTAL Trainer aircraft				231.4		27.6		19.9	

Exhibit P-1: Total (Direct and Supplementals), as of May 5, 2009 at 12:40:13

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Department of the Air Force
 FY 2010/2011 President's Budget
 Exhibit P-1
 (Dollars in Millions)

APPROPRIATION: 3010F Aircraft Procurement, Air Force

DATE: 05 MAY 2009

LINE NO	ITEM NOMENCLATURE	IDENT CODE	FY 2008		FY 2009		FY 2010		S E C
			Quantity	Cost	Quantity	Cost	Quantity	Cost	
BUDGET ACTIVITY 04: Other aircraft									

HELICOPTERS									
13	V22 OSPREY	A	10	(817.3)	6	(436.7)	5	(460.4)	U
	LESS: ADVANCE PROCUREMENT (PY)			(-20.1)		(-29.0)		(-23.1)	U
				-----		-----		-----	
				797.1		407.7		437.3	
14	V22 OSPREY								
	ADVANCE PROCUREMENT (CY)			41.0		14.2		13.8	U
	(FY 2008 FOR FY 2009) (MEMO)			(24.4)					
	(FY 2008 FOR FY 2010) (MEMO)			(5.7)					
	(FY 2008 FOR FY 2011) (MEMO)			(5.2)					
	(FY 2008 FOR FY 2012) (MEMO)			(5.7)					
	(FY 2009 FOR FY 2010) (MEMO)					(14.2)			
	(FY 2010 FOR FY 2011) (MEMO)							(13.8)	
MISSION SUPPORT AIRCRAFT									
15	C-29A FLIGHT INSPECTION ACFT	A			1	31.8			U
16	C-12 A	A	7	36.4	24	179.5			U
17	C-40	A	2	48.3	1	87.7	3	154.0	U
18	CIVIL AIR PATROL A/C	A		6.2		7.4		2.4	U
OTHER AIRCRAFT									
20	TARGET DRONES	A		77.1		70.4		78.5	U
21	C-37A	A			1	70.0	1	66.4	U

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Department of the Air Force
 FY 2010/2011 President's Budget
 Exhibit P-1
 (Dollars in Millions)

APPROPRIATION: 3010F Aircraft Procurement, Air Force

DATE: 05 MAY 2009

LINE NO	ITEM NOMENCLATURE	IDENT CODE	FY 2008		FY 2009		FY 2010		S E C
			Quantity	Cost	Quantity	Cost	Quantity	Cost	
22	GLOBAL HAWK LESS: ADVANCE PROCUREMENT (PY)	A	5	(561.2) (-50.7)	5	(719.8) (-63.4)	5	(608.5) (-53.7)	U U
				510.5		656.4		554.8	
23	GLOBAL HAWK ADVANCE PROCUREMENT (CY) (FY 2008 FOR FY 2009) (MEMO) (FY 2009 FOR FY 2010) (MEMO) (FY 2010 FOR FY 2011) (MEMO)			63.4 (63.4)		53.7 (53.7)		113.0 (113.0)	U U
24	MQ-1	A	24	299.2	38	377.7			U
25	MQ-9		20	374.5	14	248.6	24	489.5	U
999	Classified Programs							3.6	U
	TOTAL Other aircraft			2,253.8		2,205.1		1,913.4	
BUDGET ACTIVITY 05: Modification of inservice aircraft									

STRATEGIC AIRCRAFT									
26	B-2A LESS: ADVANCE PROCUREMENT (PY)	A		(102.1)		(298.2)		(333.6) (-49.7)	U U
				102.1		298.2		284.0	
27	B-2A ADVANCE PROCUREMENT (CY) (FY 2009 FOR FY 2010) (MEMO)					49.7 (49.7)			U
28	B-1B	A		71.3		41.4		107.6	U
29	B-52	A		42.6		41.6		78.8	U
TACTICAL AIRCRAFT									
30	A-10	A		168.0		143.7		252.5	U
31	F-15	A		187.0		53.7		92.9	U

Exhibit P-1: Total (Direct and Supplementals), as of May 5, 2009 at 12:40:13

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Department of the Air Force
 FY 2010/2011 President's Budget
 Exhibit P-1
 (Dollars in Millions)

APPROPRIATION: 3010F Aircraft Procurement, Air Force

DATE: 05 MAY 2009

LINE NO	ITEM NOMENCLATURE	IDENT CODE	FY 2008		FY 2009		FY 2010		S E C
			Quantity	Cost	Quantity	Cost	Quantity	Cost	
32	F-16	A		383.6		308.6		224.6	U
33	F-22A	A		255.2		326.1		350.7	U
AIRLIFT AIRCRAFT									
34	C-5	A		(348.3)		(471.7)		(657.8)	U
	LESS: ADVANCE PROCUREMENT (PY)			(-55.5)		(-53.0)		(-50.8)	U
				-----		-----		-----	
				292.9		418.7		607.0	
35	C-5								
	ADVANCE PROCUREMENT (CY)			53.0		50.8		108.3	U
	(FY 2008 FOR FY 2009) (MEMO)			(53.0)					
	(FY 2009 FOR FY 2010) (MEMO)					(50.8)			
	(FY 2010 FOR FY 2011) (MEMO)							(108.3)	
36	C-9C	A						* U	
37	C-17A	A		261.2		332.4		469.7	U
38	C-21	A		.9		.8		.6	U
39	C-32A	A		41.3		7.4		10.6	U
40	C-37A	A		10.6		1.4		4.3	U
TRAINER AIRCRAFT									
41	GLIDER MODS	A		1.9		.1		.1	U
42	T-6	A		17.0		20.7		33.1	U
43	T-1	A		18.8		10.2		* U	
44	T-38	A		129.9		59.8		75.3	U
45	T-43	A		1.8		2.3			U
OTHER AIRCRAFT									
46	KC-10A (ATCA)	A		1.9		1.9		9.4	U

Exhibit P-1: Total (Direct and Supplementals), as of May 5, 2009 at 12:40:13

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Department of the Air Force
 FY 2010/2011 President's Budget
 Exhibit P-1
 (Dollars in Millions)

APPROPRIATION: 3010F Aircraft Procurement, Air Force

DATE: 05 MAY 2009

LINE NO	ITEM NOMENCLATURE	IDENT CODE	FY 2008		FY 2009		FY 2010		S E C
			Quantity	Cost	Quantity	Cost	Quantity	Cost	
47	C-12	A		62.1		180.0		.5	U
48	MC-12W	A						63.0	U
49	C-20 MODS	A		30.0		1.5		.7	U
50	VC-25A MOD	A		39.2		60.7		15.6	U
51	C-40	A		36.1		5.9		9.2	U
52	C-130	A		357.6		434.6		354.4	U
53	C130J MODS	A		58.3		43.3		13.6	U
54	C-135	A		124.9		133.8		150.4	U
55	COMPASS CALL MODS	A		51.0		24.5		29.2	U
56	DARP	A		142.3		106.7		107.9	U
57	E-3	A		76.8		86.2		79.3	U
58	E-4	A		19.6		28.0		73.1	U
59	E-8	A		94.3		30.6		226.0	U
60	H-1	A		22.0		13.2		18.3	U
61	H-60	A		124.1		17.2		14.2	U
62	GLOBAL HAWK MODS	A		25.8		103.7		134.9	U
63	HC/MC-130 MODIFICATIONS	A						2.0	U
64	OTHER AIRCRAFT	A		94.8		92.6		103.3	U
65	MQ-1 MODS	A		52.4		148.1		123.9	U
66	MQ-9 MODS	A		16.9		44.5		48.8	U
67	CV-22 MODS	A		16.4		22.6		24.4	U
TOTAL Modification of inservice aircraft				3,485.3		3,746.9		4,302.1	

Exhibit P-1: Total (Direct and Supplementals), as of May 5, 2009 at 12:40:13

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Department of the Air Force
 FY 2010/2011 President's Budget
 Exhibit P-1
 (Dollars in Millions)

APPROPRIATION: 3010F Aircraft Procurement, Air Force

DATE: 05 MAY 2009

LINE NO	ITEM NOMENCLATURE	IDENT CODE	FY 2008		FY 2009		FY 2010		S E C
			Quantity	Cost	Quantity	Cost	Quantity	Cost	
BUDGET ACTIVITY 06: Aircraft spares and repair parts									

AIRCRAFT SPARES + REPAIR PARTS									
68	INITIAL SPARES/REPAIR PARTS	A		288.9		254.7		418.6	U
TOTAL Aircraft spares and repair parts				288.9		254.7		418.6	
BUDGET ACTIVITY 07: Aircraft supt equipment & facilities									

COMMON SUPPORT EQUIPMENT									
69	AIRCRAFT REPLACEMENT SUPPORT EQUIP	A		192.3		104.6		105.8	U
POST PRODUCTION SUPPORT									
70	B-1	A						3.9	U
71	B-2A	A		17.7					U
72	B-2A	A		27.6		36.7		24.5	U
73	C-5	A						2.3	U
74	C-5	A		18.2		18.2		11.8	U
75	KC-10A (ATCA)	A						4.1	U
76	C-17A	A						91.4	U
77	C-130	A		16.8				28.1	U
78	EC-130J	A		5.3		5.4		5.3	U
79	F-15	A		5.6		20.1		15.7	U
80	F-16	A		8.5		13.6		20.0	U
81	OTHER AIRCRAFT	A		99.3		48.5		52.0	U
82	T-1	A		14.8		19.0			U

Exhibit P-1: Total (Direct and Supplementals), as of May 5, 2009 at 12:40:13

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Department of the Air Force
 FY 2010/2011 President's Budget
 Exhibit P-1
 (Dollars in Millions)

APPROPRIATION: 3010F Aircraft Procurement, Air Force

DATE: 05 MAY 2009

LINE NO	ITEM NOMENCLATURE	IDENT CODE	FY 2008		FY 2009		FY 2010		S E C
			Quantity	Cost	Quantity	Cost	Quantity	Cost	
	INDUSTRIAL PREPAREDNESS								
83	INDUSTRIAL RESPONSIVENESS	A		23.8		24.3		25.5	U
	WAR CONSUMABLES								
84	WAR CONSUMABLES	A		81.2		80.4		134.4	U
	OTHER PRODUCTION CHARGES								
85	OTHER PRODUCTION CHARGES	A		953.1		582.3		490.3	U
	OTHER PRODUCTION CHARGES - SOF								
87	CANCELLED ACCT ADJUSTMENTS	A		.3					U
	DARP								
88	DARP	A		27.7		21.0		15.3	U
999	Classified Programs			8.3		10.9		19.4	U
	TOTAL Aircraft supt equipment & facilities			1,500.4		984.8		1,049.9	
	TOTAL Aircraft Procurement, Air Force			18,689.9		13,275.6		11,966.3	

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FISCAL YEAR (FY) 2010 BUDGET ESTIMATES

MAY 2009

SECTION 4:

P-1 LINE ITEM DETAIL

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**FISCAL YEAR (FY) 2010 BUDGET ESTIMATES
BUDGET ACTIVITY 01 – COMBAT AIRCRAFT
MAY 2009**

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Exhibit P-40, Budget Item Justification								Date: May 2009				
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number								P-1 Line Item Nomenclature				
Aircraft Procurement, Air Force, Budget Activity 01, Combat Aircraft, Item No. 1								Joint Strike Fighter Squadrons				
Program Element for Code B Items:		N/A			Other Related Program Elements:				0604800F			
	ID Code	Prior Years	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	To Comp	Total
Proc Qty	A	2	6	7	10							25
Cost (\$ M)		478.072	1289.393	1489.191	2048.830							5305.486
Advance Proc Cost (\$ M)		93.622	122.704	171.437	300.600							688.363
Weapon System Cost (\$ M)		571.694	1412.097	1660.628	2349.430							5993.849
Initial Spares (\$ M)		76.067	69.756	60.930	129.710							336.463
Total Proc Cost (\$ M)		647.761	1481.853	1721.558	2479.140							6330.312
Flyaway Unit Cost (\$ M)		229.600	179.860	211.742	188.404							
Wpn Sys Unit Cost (\$ M)		285.847	235.350	226.336	234.943							
Description												
<p>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), the USAF with the Conventional Take Off and Landing (CTOL) variant, the USMC with the Short Take-Off and Vertical Landing (STOVL) variant, and allies, with optimum commonality among the variants to minimize life cycle costs. This is a joint program with no executive service. Service Acquisition Executive (SAE) authority alternates between the Department of the Navy (DoN) and the Department of the Air Force (DAF) and currently resides with the Navy. The F-35 is the next generation strike fighter which will increase aero performance, stealth signature and countermeasures. Its advanced avionics, data links and adverse weather precision targeting will incorporate 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. Navy procurement began in FY08 with Long-Lead in FY07.</p> <p>This program has associated Research Development Test and Evaluation (RDT&E) funding in PEs 0604800F and 0207142F.</p>												
FY 2010 Program Justification												
USAF is planning to procure 10 CTOL aircraft and advance procurement for 27 CTOL aircraft.												
P-1 Shopping List Item No. 1								Budget Item Justification Exhibit P-40, page 1 of 9				

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Exhibit P-5, Weapon System Cost Analysis	Date: May 2009
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number	P-1 Line Item Nomenclature
Aircraft Procurement, Air Force, Budget Activity 01, Combat Aircraft, Item No. 1	Joint Strike Fighter Squadrons

Manufacturer's Name/Plant City/State Location	Subline Item
Lockheed Martin/Ft Worth TX	

Weapon System Cost Elements	Ident Code	Total Cost in Millions of Dollars											
		FY 2008			FY 2009			FY 2010			Cost to Complete		
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
Airframe/CFE	A	6	119.874	719.244	7	107.149	750.041	10	87.437	874.367			
CFE Electronics	A	6	36.703	220.218	7	33.670	235.691	10	28.803	288.032			
GFE Electronics	A												
Engines/Eng ACC	A	6	17.628	105.768	7	16.943	118.598	10	14.345	143.450			
Armament	A												
ECO (Flyaway)	A	6	6.196	37.177	7	6.141	42.987	10	2.755	27.551			
Subtotal Recurring Flyaway				1082.407			1147.318			1333.399			
Non-Recurring Cost	A			185.365			302.838			510.294			
Ancillary Equip	B			22.437			32.040			40.351			
Subtotal Non-Recurring Flyaway				207.802			334.877			550.645			
Airframe PGSE	B			21.227			20.803			46.480			
Engine PGSE	B			3.270			3.269			26.650			
Avionics PGSE	B			5.773			5.974			66.562			
Peculiar Training Equipment	B			35.548			40.230			39.680			
Pubs/Tech Data	B			9.639			18.485			20.559			
Other ILS	B			1.048			11.724			58.338			
Facilities Management	B			0.000			0.000			0.000			
Field Activities	B			0.000			0.000			0.000			
Production Eng Support	B			16.301			29.213			73.721			
Miscellaneous Support	B			0.000			0.000			4.232			
Subtotal Support Cost				92.805			129.700			336.222			
Gross P-1 Cost				1383.015			1611.895			2220.267			
Advance Procurement Credit	A			-93.622			-122.704			-171.437			
Net P-1 Cost				1289.393			1489.191			2048.830			
Advance Procurement	A			122.704			171.437			300.600			
Weapon System Cost				1412.097			1660.628			2349.430			
Initial Spares				69.756			60.930			129.710			
Modifications													
TOTAL PROGRAM				1412.097			1660.628			2349.430			

Comments

NOTE: 1) Total Program does not include Initial Spares. Initial Spares added in total on P-40.

Exhibit P-5, Weapon System Cost Analysis	Date: May 2009
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number Aircraft Procurement, Air Force, Budget Activity 01, Combat Aircraft, Item No. 1	P-1 Line Item Nomenclature Joint Strike Fighter Squadrons
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Manufacturer's Name/Plant City/State Location Lockheed Martin/Ft Worth TX	Subline Item
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Weapon System Cost Elements	Ident Code	Total Cost in Millions of Dollars											
		FY 2008			FY 2009			FY 2010			Cost to Complete		
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost

2) Nonrecurring Costs includes funding for Diminishing Manufacturing Sources (DMS) necessary to protect JSF delivery schedule.
 3) USAF is planning on procuring 10 CTOL aircraft and advance procurement for future aircraft.

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Exhibit P-5A, Procurement History and Planning								Date: May 2009			
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number								P-1 Line Item Nomenclature			
Aircraft Procurement, Air Force, Budget Activity 01, Combat Aircraft, Item No. 1								Joint Strike Fighter Squadrons			
Weapon System					Subline Item						
JSF											
WBS Cost Elements	Qty	Unit Cost	Location of PCO	RFP Issue Date	Contract Method	Contract Type	Contractor and Location	Award Date	Date of First Delivery	Specs Available Now?	Date Revision Available?
Lockheed Martin (FY07)	2	210.111	Arlington, VA	Mar-07	SS	CPIF/AF	Lockheed Martin, Ft Worth, TX	Jul-07	Apr-10	Yes	
Pratt & Whitney (FY07)	2	12.742	Arlington, VA	Feb-06	SS	CPIF/AF	Pratt & Whitney, East Hartford, CT	Aug-07	Jun-09	Yes	
Lockheed Martin (FY08)	6	166.356	Arlington, VA	Feb-07	SS	CPIF/AF	Lockheed Martin, Ft Worth, TX	May-08	Apr-10	Yes	
Pratt & Whitney (FY08)	6	13.484	Arlington, VA	Feb-07	SS	CPIF/AF	Pratt & Whitney, East Hartford, CT	Sep-08	Oct-09	Yes	
Lockheed Martin (FY09)	7	137.346	Arlington, VA	Feb-08	SS	CPIF/AF	Lockheed Martin, Ft Worth, TX	Apr-09	Jun-11	Yes	
Pratt & Whitney (FY09)	7	12.524	Arlington, VA	Feb-08	SS	CPIF/AF	Pratt & Whitney, East Hartford, CT	May-09	Feb-11	Yes	
Lockheed Martin (FY10)	10	118.995	Arlington, VA	Feb-09	SS	CPIF/AF	Lockheed Martin, Ft Worth, TX	Feb-10	Mar-12	Yes	
Pratt & Whitney (FY10)	10	14.345	Arlington, VA	Feb-09	SS	CPIF/AF	Pratt & Whitney, East Hartford, CT	Feb-10	Sep-11	Yes	
Remarks											
None											

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Exhibit P-40, Budget Item Justification								Date: May 2009				
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number								P-1 Line Item Nomenclature				
Aircraft Procurement, Air Force, Budget Activity 01, Combat Aircraft, Item No. 2								F-35 Advance Procurement				
Program Element for Code B Items:		N/A			Other Related Program Elements:				0604800F			
	ID Code	Prior Years	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	To Comp	Total
Proc Qty	A											0
Cost (\$ M)												0.000
Advance Proc Cost (\$ M)			122.704	171.437	300.600							594.741
Weapon System Cost (\$ M)		0.000	122.704	171.437	300.600							594.741
Initial Spares (\$ M)												0.000
Total Proc Cost (\$ M)		0.000	122.704	171.437	300.600							594.741
Flyaway Unit Cost (\$ M)												
Wpn Sys Unit Cost (\$ M)												

Description

The Joint Strike Fighter program will develop and field a family of aircraft that meets the needs of the USN, USAF, and USMC, and allies, with optimum commonality among the variants to minimize life cycle costs. This is a joint program with no executive service. Service Acquisition Executive (SAE) authority alternates between the Department of the Navy and the Department of the Air Force and currently resides with the Navy. The production cost and quantities are interdependent due to one manufacturer for the program. The DoN procurement began in FY08; advance procurement began in FY07.

FY 2010 Program Justification

USAF procurement in FY2010 provides advanced procurement funding for future aircraft.

Exhibit P-10 p.1, Advance Procurement Requirements Analysis (Page 1 - Funding)	Date: May 2009
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number Aircraft Procurement, Air Force, Budget Activity 01, Combat Aircraft, Item No. 2	P-1 Line Item Nomenclature F-35 Advance Procurement
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Weapon System JSF_AP	First System Award Date Mar-07	First System Completion Date Sep-09
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(\$ in Millions)													
Description	PLT	When Rqd	Prior Years	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	To Comp	Total
End Item Qty				6	7	10							23
CFE				122.704	171.437	300.600							594.741
GFE													0.000
EOQ													0.000
Design													0.000
Term Liability													0.000
													0.000
TOTAL AP			0.000	122.704	171.437	300.600							594.741

Description
CFE represents required funding for Contractor Furnished Equipment (CFE) for both Air Vehicle and Engines to include termination liability.

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Exhibit P-10 p.2, Advance Procurement Requirements Analysis (Page 2 - Budget Justification)										Date: May 2009					
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number Aircraft Procurement, Air Force, Budget Activity 01, Combat Aircraft, Item No. 2										P-1 Line Item Nomenclature F-35 Advance Procurement					
Weapon System JSF_AP															
(TOA, \$ in Millions)															
Description	PLT	QPA	Unit Cost	2008 QTY	2008	2008	2009 QTY	2009	2009	2010 QTY	2010	2010	2011 QTY	2011	2011
					Contract Forecast Date	Total Cost Request		Contract Forecast Date	Total Cost Request		Contract Forecast Date	Total Cost Request		Contract Forecast Date	Total Cost Request
End Item							7			10					
CFE						May-08	122.704			Jan-09	171.437		Jan-10	300.600	
GFE															
EOQ															
Design															
Term Liability															
TOTAL AP							122.704			171.437			300.600		0.000
<u>Description</u>															
P-1 Shopping List Item No. 2										Advance Procurement Requirements Analysis (Page 2 - Budget Justification) Exhibit P-10 p.2, page 3 of 3					

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Exhibit P-40, Budget Item Justification								Date: May 2009				
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number								P-1 Line Item Nomenclature				
Aircraft Procurement, Air Force, Budget Activity 01, Combat Aircraft, Item No. 3								F-22 (Raptor)				
Program Element for Code B Items:		0207219F			Other Related Program Elements:				PE 0207138F, 0604239F			
	ID Code	Prior Years	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	To Comp	Total
Proc Qty	A	135	20	20								175
Cost (\$ M)		21947.887	3110.980	2897.770	95.163							28051.800
Interim Ctr Support (\$ M)		0.000										0.000
Advance Proc Cost (\$ M)		4454.486	423.783	521.579								5399.848
Weapon System Cost (\$ M)		26402.373	3534.763	3419.349	95.163							33451.648
Initial Spares (\$ M)		22.884										22.884
Total Proc Cost (\$ M)		26425.257	3534.763	3419.349	95.163							33474.532
Flyaway Unit Cost (\$ M)		158.102	137.965	141.029								
Wpn Sys Unit Cost (\$ M)		196.039	181.548	177.744								
Description												
FY 2009 funding totals do not include \$600.0M requested for Overseas Contingency Operations.												
The F-22 Raptor represents the USAF's top priority for providing the Joint Force with air dominance, operational access, homeland and cruise missile defense for the next 20+ years. The F-22 is a first-of-a-kind multi-mission fighter aircraft that combines stealth, supercruise, advanced maneuverability and integrated avionics to make it the world's most capable combat aircraft.												
Consistent with 10 U.S.C. 2306b and the DOD Financial Management Regulation, the Air Force was granted OSD(C) approval to structure the multiyear procurement (MYP) for Lots 7-9 with an unfunded cancellation ceiling. The cancellation ceiling amounts are \$431M for Lot 8 (FY08) and \$398M for Lot 9 (FY09). In the event the multiyear contract is cancelled, Air Staff will submit the required reprogramming actions for Congressional approval to ensure the actual cancellation cost is fully funded.												
Current Fiscal Year 2010 PB is a 183 aircraft procurement profile. (Note: 183 total includes 6 Production Representative Test Vehicle (PRTV) II aircraft, 175 production aircraft, and 2 previously procured EMD aircraft funded in RDT&E).												
Funding is budgeted in FY10 to complete the procurement of equipment associated with standing up operational locations (i.e. equipment, support, etc.) and other necessary expenses to deliver the Lot 7-9 MYP aircraft. This FY10 President's Budget includes \$64M to continue production line shutdown activities, which preserve necessary assets for long-term F-22 fleet sustainment.												
The flyaway/weapon system cost listed above include cost from both aircraft procurement appropriation and in-line modernization funding. They do not include costs associated with Other Useful Loads or Munitions.												
Initial spares are included in the weapon system cost line (except FY99). Prior to FY08, the F-22 program budgeted and contracted for initial spares as part of overall initial support material capability within the air vehicle and engine production contracts. The program plans to continue to procure material capability via the Follow-On Agile Sustainment to the Raptor (FASTeR) and Sustainment Program for the Raptor Engine (SPaRE) contracts in FY08 and FY09; however, the program will also procure specific initial spares in FY08 and FY09 to achieve additional savings as part of the MYP program.												
P-1 Shopping List Item No. 3								Budget Item Justification				
								Exhibit P-40, page 1 of 9				

Exhibit P-40, Budget Item Justification	Date: May 2009
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number Aircraft Procurement, Air Force, Budget Activity 01, Combat Aircraft, Item No. 3	P-1 Line Item Nomenclature F-22 (Raptor)

Description Continued

In addition, FY09 funding totals do not include \$600M requested for Overseas Contingency Operations (OCO).

FY 2010 Program Justification

The FY10 budget supports procurement of equipment associated with standing up operational locations (i.e. equipment, support, etc.) and other necessary expenses to deliver the Lot 7-9 MYP aircraft. Funding for F-22 production shutdown includes the cost of preserving all necessary assets for future Sustainment efforts. This FY10 President's Budget includes \$64M to continue production line shutdown activities, which preserve necessary assets for long-term F-22 fleet sustainment.

Exhibit P-5, Weapon System Cost Analysis	Date: May 2009
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number Aircraft Procurement, Air Force, Budget Activity 01, Combat Aircraft, Item No. 3	P-1 Line Item Nomenclature F-22 (Raptor)

Manufacturer's Name/Plant City/State Location	Subline Item
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Weapon System Cost Elements	Ident Code	Total Cost in Millions of Dollars											
		FY 2008			FY 2009			FY 2010			Cost to Complete		
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
Airframes/CFE	A	20	83.698	1673.957	20	86.046	1720.928			0.000			
Engine Accessories (shipset)	A	20	20.454	409.079	20	20.478	409.561			0.000			
Avionics	A	20	28.218	564.355	20	28.097	561.944			0.000			
Nonrecurring Costs				81.594			81.726			0.000			
FLYAWAY COST SUBTOTAL				2728.985			2774.159						
Less: Prior Year Adv Procurement				-489.662			-610.702			0.000			
Plus: Current Year Adv Procurement	A			423.783			521.579			0.000			
Other	A			52.330			52.977			66.184			
Production Support - Other (PSO)	A			261.920			153.742			8.300			
FASTeR / PALS	A			375.555			266.924			20.679			
SUBTOTAL Air Vehicle Support				623.926			384.520			95.163			
Engine Support (SPARE)	A			181.852			260.670			0.000			
SUPPORT COST SUBTOTAL				181.852			260.670						
TOTAL PROGRAM				3534.763			3419.349			95.163			

Comments

Nonrecurring and Other costs includes, but is not limited to, the nonrecurring engineering and production costs associated with F-22A Diminishing Manufacturing Sources (DMS) issues as well as correction of air vehicle deficiencies caused by the concurrent development and production phases of the F-22A program. DMS costs include funding to protect production viability.

Unit cost for the engine differs from the P-5A because the P-5 uses the aircraft 'shipset' quantity (2 engines) to determine unit cost and the P-5A uses the engine quantity (1 engine).

Exhibit P-5A, Procurement History and Planning								Date: May 2009			
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number								P-1 Line Item Nomenclature			
Aircraft Procurement, Air Force, Budget Activity 01, Combat Aircraft, Item No. 3								F-22 (Raptor)			
Weapon System					Subline Item						
F-22											
WBS Cost Elements	Qty	Unit Cost	Location of PCO	RFP Issue Date	Contract Method	Contract Type	Contractor and Location	Award Date	Date of First Delivery	Specs Available Now?	Date Revision Available?
Lockheed Martin Corp	2	256.668	ASC/YF	Jan-98	SS	FFP	Lockheed Martin	Dec-98	Oct-02	Yes	
Lockheed Martin Corp	10	166.196	ASC/YF	May-99	SS	FFP	Lockheed Martin	Sep-01	Sep-03	Yes	
Lockheed Martin Corp	13	149.294	ASC/YF	Apr-00	SS	FFP	Lockheed Martin	Jan-02	Jul-04	Yes	
Lockheed Martin Corp	21	130.576	ASC/YF	Oct-01	SS	FFP	Lockheed Martin	Apr-03	May-05	Yes	
Lockheed Martin Corp	22	121.407	ASC/YF	Jul-02	SS	FFP	Lockheed Martin	Jun-04	Feb-06	Yes	
Lockheed Martin Corp	24	109.526	ASC/YF	Jul-03	SS	FFP	Lockheed Martin	Nov-05	Nov-06	Yes	
Lockheed Martin Corp	23	110.955	ASC/YF	Oct-05	SS	FFP	Lockheed Martin	Nov-06	Dec-07	Yes	
Lockheed Martin Corp	20	112.315	ASC/YF	May-06	SS	FFP	Lockheed Martin	Jul-07	Nov-08	Yes	
Lockheed Martin Corp	20	111.916	478 AESW	May-06	SS	FFP	Lockheed Martin	Jul-07	Dec-09	Yes	
Lockheed Martin Corp	20	114.144	478 AESW	May-06	SS	FFP	Lockheed Martin	Jul-07	Jan-11	Yes	
Pratt & Whitney	4	14.125	ASC/YF	Dec-97	SS	FFP	Pratt & Whitney	Dec-98	Feb-01	Yes	
Pratt & Whitney	20	10.853	ASC/YF	Jan-99	SS	FFP	Pratt & Whitney	Sep-01	Mar-02	Yes	
Pratt & Whitney	26	10.547	ASC/YF	May-00	SS	FFP	Pratt & Whitney	Jan-02	Mar-03	Yes	
Pratt & Whitney	42	10.630	ASC/YF	Nov-01	SS	FFP	Pratt & Whitney	Apr-03	Feb-04	Yes	
Pratt & Whitney	44	10.391	ASC/YF	Aug-02	SS	FFP	Pratt & Whitney	Jun-04	Feb-05	Yes	
Pratt & Whitney	48	9.823	ASC/YF	Aug-03	SS	FFP	Pratt & Whitney	Apr-05	Mar-06	Yes	
Pratt & Whitney	46	9.330	ASC/YF	Oct-05	SS	FFP	Pratt & Whitney	Apr-06	Mar-07	Yes	
Pratt & Whitney	40	9.839	ASC/YF	Oct-06	SS	FFP	Pratt & Whitney	Jul-07	Jan-08	Yes	
Pratt & Whitney	40	10.227	478 AESW	Oct-06	SS	FFP	Pratt & Whitney	Jul-07	Feb-09	Yes	
Pratt & Whitney	40	10.239	478 AESW	Oct-06	SS	FFP	Pratt & Whitney	Jul-07	Feb-10	Yes	
Remarks											
Unit cost for the engine differs from the P-5 because the P-5 uses the aircraft 'shipset' quantity (2 engines) to determine unit cost and the P-5A uses the engine quantity (1 engine).											
Unit cost is for airframe and avionics costs, but does not include non-recurring cost.											
Specs are available, however, the technical data package is a 'deferred delivery' option and is currently maintained by the contractor.											
P-1 Shopping List Item No. 3						Procurement History and Planning Exhibit P-5A, page 4 of 9					

Exhibit P-21, Production Schedule Date: May 2009

Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number P-1 Line Item Nomenclature
Aircraft Procurement, Air Force, Budget Activity 01, Combat Aircraft, Item No. 3 **F-22 (Raptor)**

PROCUREMENT YEAR	SERV	PROC. QTY	ACCEP. PRIOR TO 1 OCT 2002	BALANCE DUE AS OF 1 OCT 2002	FISCAL YEAR 2003												FISCAL YEAR 2004												L A T E R
					2002			CALENDAR YEAR 2003									CALENDAR YEAR 2004												
					OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
1999	USAF	2	0	2	1	1																					0		
2000	USAF	0	0	0																							0		
2001	USAF	10	0	10										1		1	2		2		2	1	1				0		
2002	USAF	13	0	13																				1	1		11		
2003	USAF	21	0	21																							21		
2004	USAF	22	0	22																							22		
2005	USAF	24	0	24																							24		
2006	USAF	23	0	23																							23		
2007	USAF	20	0	20																							20		
2008	USAF	20	0	20																							20		
2009	USAF	20	0	20																							20		
TOTAL						1	1							0														161	

ITEM/MANUFACTURER'S NAME	LOCATION	PRODUCTION RATES			PROCUREMENT LEAD TIME																							
		MIN SUST	SHIFT HOURS DAYS	MAX	ADMIN LEAD TIME		MFG TIME	TOTAL AFTER 1 OCT																				
				INITIAL	PRIOR 1 OCT	AFTER 1 OCT																						
Lockheed Martin	Marietta, GA 30063 - 0000			36																								
				REORDER																								

REMARKS
 Initial MFG time reflects Advanced Procurement. It is the number of months from long lead award until the delivery of the next production aircraft.

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Exhibit P-40, Budget Item Justification						Date: May 2009						
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number						P-1 Line Item Nomenclature						
Aircraft Procurement, Air Force, Budget Activity 01, Combat Aircraft, Item No. 4						F-22 (Raptor) Advance Procurement						
Program Element for Code B Items:		N/A			Other Related Program Elements:				N/A			
	ID Code	Prior Years	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	To Comp	Total
Proc Qty	A											0
Cost (\$ M)												0.000
Advance Proc Cost (\$ M)		4454.486	423.783	521.579								5399.848
Weapon System Cost (\$ M)		4454.486	423.783	521.579	0.000							5399.848
Initial Spares (\$ M)		0.000										0.000
Total Proc Cost (\$ M)		4454.486	423.783	521.579	0.000							5399.848
Flyaway Unit Cost (\$ M)												
Wpn Sys Unit Cost (\$ M)												

Description

The F-22 Raptor represents the USAF's top priority for providing the Joint Force with air dominance, operational access, homeland and cruise missile defense for the next 20+ years. The F-22 is a first-of-a-kind multi-mission fighter aircraft that combines stealth, supercruise, advanced maneuverability and integrated avionics to make it the world's most capable combat aircraft.

The National Defense Authorization Act for FY09 directed funding of \$523M for advance procurement of F-22 fighter aircraft.

This FY10 President's Budget includes \$64M to continue production line shutdown activities, which preserve necessary assets for long-term F-22 fleet sustainment.

In addition, FY09 funding totals do not include \$600M requested for Overseas Contingency Operations (OCO).

Exhibit P-10 p.2, Advance Procurement Requirements Analysis (Page 2 - Budget Justification)										Date: May 2009					
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number Aircraft Procurement, Air Force, Budget Activity 01, Combat Aircraft, Item No. 4										P-1 Line Item Nomenclature F-22 (Raptor) Advance Procurement					
Weapon System F-22AP															
(TOA, \$ in Millions)															
<u>Description</u>	<u>PLT</u>	<u>QPA</u>	<u>Unit Cost</u>	<u>2008</u> <u>QTY</u>	<u>2008</u> <u>Contract</u>	<u>2008</u> <u>Total</u>	<u>2009</u> <u>QTY</u>	<u>2009</u> <u>Contract</u>	<u>2009</u> <u>Total</u>	<u>2010</u> <u>QTY</u>	<u>2010</u> <u>Contract</u>	<u>2010</u> <u>Total</u>	<u>2011</u> <u>QTY</u>	<u>2011</u> <u>Contract</u>	<u>2011</u> <u>Total</u>
					<u>Forecast</u> <u>Date</u>	<u>Cost</u> <u>Request</u>		<u>Forecast</u> <u>Date</u>	<u>Cost</u> <u>Request</u>		<u>Forecast</u> <u>Date</u>	<u>Cost</u> <u>Request</u>		<u>Forecast</u> <u>Date</u>	<u>Cost</u> <u>Request</u>
End Item															
CFE				20	Dec-07	423.783	20	Nov-08	521.579						
EOQ															
Design															
TOTAL AP						423.783			521.579			0.000			0.000
<u>Description</u>															
P-1 Shopping List Item No. 4										Advance Procurement Requirements Analysis (Page 2 - Budget Justification) Exhibit P-10 p.2, page 3 of 3					

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**FISCAL YEAR (FY) 2010 BUDGET ESTIMATES
BUDGET ACTIVITY 02 – AIRLIFT AIRCRAFT
MAY 2009**

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Exhibit P-40, Budget Item Justification							Date: May 2009					
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number							P-1 Line Item Nomenclature					
Aircraft Procurement, Air Force, Budget Activity 02, Airlift Aircraft, Item No. 5							C-17A (MYP)					
Program Element for Code B Items:		N/A			Other Related Program Elements:				N/A			
	ID Code	Prior Years	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	To Comp	Total
Proc Qty	A	190	15									205
Cost (\$ M)		41243.635	3565.639	317.888	88.510							45215.672
Interim Ctr Support (\$ M)		3963.336										3963.336
Advance Proc Cost (\$ M)		5369.712										5369.712
Weapon System Cost (\$ M)		50576.683	3565.639	317.888	88.510							54548.720
Initial Spares (\$ M)		807.018										807.018
Total Proc Cost (\$ M)		51383.701	3565.639	317.888	88.510							55355.738
Flyaway Unit Cost (\$ M)		431.488										
Wpn Sys Unit Cost (\$ M)		507.631										
Description												
FY 2008 funding totals include \$3,321.619M of appropriated supplemental funding.												
The C-17 can perform the entire spectrum of airlift missions and is specifically designed to operate effectively and efficiently in both strategic and theater environments. Airlift provides essential flexibility when responding to contingencies on short notice anywhere in the world. It is a major element of America's National Military Strategy and constitutes the most responsive means of meeting U.S. mobility requirements. Specific tasks associated with the airlift mission include deployment, employment (airland and airdrop), sustaining support, retrograde, and combat redeployment. Not only can the C-17 deliver outsize cargo to austere tactical environments, but it also reduces ground time during airland operations. The C-17 will perform the airlift mission well into this century.												
The SecDef directed DoD C-17 procurement to be capped at 205 aircraft. Production shutdown transition funds are included in the APAF Post-Production Support section.												
FY08 funding total includes \$3,321M in the supplemental budget for 15 additional aircraft.												
FY09 budget funds the acquisition of required C-17 support equipment, spares, data, and training equipment.												
Material improvement projects retrofit kits are included in APAF sustainment line per FY06 ICS P-40 exhibit.												
The C-17 budget includes funds for the procurement of diminishing manufacturing sources (DMS).												
The USAF delivery schedule has been adjusted to account for foreign military and direct commercial sales (FMS and DCS).												
This program has associated Research Development Test and Evaluation (RDT&E) funding in PE 41130F.												
FY 2010 Program Justification												
FY10 budget funds the acquisition of required C-17 support equipment, spares, data, and training equipment.												
P-1 Shopping List Item No. 5							Budget Item Justification Exhibit P-40, page 1 of 10					

Exhibit P-40, Budget Item Justification

Date: May 2009

Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number

P-1 Line Item Nomenclature

Aircraft Procurement, Air Force, Budget Activity 02, Airlift Aircraft, Item No. 5

C-17A (MYP)

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Exhibit P-5, Weapon System Cost Analysis										Date: May 2009			
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number										P-1 Line Item Nomenclature			
Aircraft Procurement, Air Force, Budget Activity 02, Airlift Aircraft, Item No. 5										C-17A (MYP)			
Manufacturer's Name/Plant City/State Location					Subline Item								
Boeing Airlift and Tankers / Long Beach, CA													
Weapon System Cost Elements	Ident Code	Total Cost in Millions of Dollars											
		FY 2008			FY 2009			FY 2010			Cost to Complete		
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
1.0 Airframe	A	15	179.219	2688.279			0.000			0.000			
2.0 Engine (4) (Model F-117-PW-100)	A	60	8.580	514.800			0.000			0.000			
3.0 Avionics	A			112.012			0.000			0.000			
4.0 Engineering Change Orders (ECO)	A												
5.0 Producibility Enhancement	A			26.177			0.000			0.000			
6.0 Nonrecurring Flyaway	A			0.000			0.000			0.000			
7.0 Settlement	A			0.000			0.000			0.000			
7.1 Prior Year Adv Procurement (unit cost non add)													
8.0 Flyaway Cost Subtotal (1 thru 7)				3341.268									
9.0 Peculiar Support Equipment	A			12.856			97.322			7.886			
10.0 Common Support Equipment	A			1.640			1.640			0.800			
11.0 Training	A			49.082			95.945			36.374			
12.0 Post Production Product Improvement	A						35.917			12.780			
13.0 Data	A			15.342			29.726			1.353			
14.0 Field Support	A			0.000			0.000			0.000			
15.0 Site Activation/Spares (XX10)	A			135.641			48.720			21.017			
16.0 Whole Engine Spares				0.000			0.000			0.000			
17.0 Mission Support	A			9.810			8.618			8.300			
18.0 Support Cost Subtotal (9 thru 16)				224.371			317.888			88.510			
19.0 Gross P-1 Cost (8+18)				3565.639			317.888			88.510			
20.1 LESS: Prior Year Adv Procurement	A			0.000			0.000			0.000			
20.2 LESS: EOQ Payback	A			0.000			0.000			0.000			
20.3 Prior Year Adv Procurement (unit cost non add)	A												
21.0 Net P-1 Cost (18 + 19)				3565.639			317.888			88.510			
22.1 Advance Procurement, Current Year	A			0.000			0.000			0.000			
22.2 EOQ, Current Year	A			0.000			0.000			0.000			
Other P-1 Weapon System Costs	A												
23.1 ICS (BP10 1050; FY00 thru To Complete)	A			0.000			0.000			0.000			
TOTAL PROGRAM				3565.639			317.888			88.510			

P-1 Shopping List Item No. 5

Weapon System Cost Analysis
Exhibit P-5, page 3 of 10

Exhibit P-5, Weapon System Cost Analysis	Date: May 2009
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number Aircraft Procurement, Air Force, Budget Activity 02, Airlift Aircraft, Item No. 5	P-1 Line Item Nomenclature C-17A (MYP)
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Manufacturer's Name/Plant City/State Location Boeing Airlift and Tankers / Long Beach, CA	Subline Item
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Weapon System Cost Elements	Ident Code	Total Cost in Millions of Dollars											
		FY 2008			FY 2009			FY 2010			Cost to Complete		
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
<div style="border: 1px solid black; padding: 5px;"> <p>Comments</p> <p>FY08 Supplemental of \$3.321B buys 15 aircraft.</p> </div>													

Exhibit P-5A, Procurement History and Planning								Date: May 2009			
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number								P-1 Line Item Nomenclature			
Aircraft Procurement, Air Force, Budget Activity 02, Airlift Aircraft, Item No. 5								C-17A (MYP)			
Weapon System					Subline Item						
C-17A											
WBS Cost Elements	Qty	Unit Cost	Location of PCO	RFP Issue Date	Contract Method	Contract Type	Contractor and Location	Award Date	Date of First Delivery	Specs Available Now?	Date Revision Available?
FY 2006											
Air Vehicle	15	170.152	AFMC/ASC		SS	FFP	Boeing - Airlift and Tankers, Long Beach, CA	Jan-06	Aug-06		
Propulsion	60	6.270	AFMC/ASC		SS	FP	Pratt & Whitney, East Hartford, CT	Nov-05	Jul-06		
FY 2007											
Air Vehicle	12	176.622	AFMC/ASC		SS	FFP	Boeing - Airlift and Tankers, Long Beach, CA	Jan-07	Sep-07		
Propulsion	32	6.512	AFMC/ASC		SS	FP	Pratt & Whitney, East Hartford, CT	Nov-06	Jul-07		
Air Vehicle	10	161.479	AFMC/ASC		SS	FFP	Boeing - Airlift and Tankers, Long Beach, CA	Dec-06	Jan-09		
Propulsion	40	8.500	AFMC/ASC		SS	FP	Pratt & Whitney, East Hartford, CT	Mar-07	Mar-08		
Propulsion	13	8.500	AFMC/ASC		SSS	FPAA	Pratt & Whitney, East Hartford, CT	Jul-08	Nov-08		
FY 2008											
Air Vehicle	15	187.121	AFMC/ASC		SS	FFP	Boeing - Airlift and Tankers. Long Beach, CA	Feb-09	Nov-09		
Propulsion	60	8.580	AFMC/ASC		SS	FP	Pratt & Whitney, East Hartford, CT	Dec-08	May-09		
Remarks											
-- Air Vehicle Unit Cost is total of Airframe and Avionics unit costs which includes both Contractor and Government Furnished Equipment.											
-- The FY08 +15 A/C is an IDIQ contract. Contract definitization scheduled for Jul 2009.											
-- The FY08 +15 engine buy is part of an IDIQ contract that is Fixed Price with Economic Price Adjustment.											
P-1 Shopping List Item No. 5								Procurement History and Planning Exhibit P-5A, page 5 of 10			

Exhibit P-21, Production Schedule	Date: May 2009
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number Aircraft Procurement, Air Force, Budget Activity 02, Airlift Aircraft, Item No. 5	P-1 Line Item Nomenclature C-17A (MYP)
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PROCUREMENT YEAR	SERV	PROC. QTY	ACCEP. PRIOR TO 1 OCT 2009	BALANCE DUE AS OF 1 OCT 2009	FISCAL YEAR 2010														FISCAL YEAR 2011												L A T E R
					2009			CALENDAR YEAR 2010											CALENDAR YEAR 2011												
					OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP			
2008 SUPP	USAF	15	0	15	1	1	2	1	1	1	2	1	1	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0			
TOTAL		15	0	15	1	1	2	1	1	1	2	1	1	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0			

ITEM/MANUFACTURER'S NAME	LOCATION	PRODUCTION RATES			PROCUREMENT LEAD TIME			
		MIN SUST	SHIFT HOURS	MAX	ADMIN LEAD TIME		MFG TIME	TOTAL AFTER 1 OCT
Additional C-17 Aircraft / Boeing (Lot 15B-Lot 19)	Long Beach, CA	12	1/8/5	15	PRIOR 1 OCT	AFTER 1 OCT		
					INITIAL			
					REORDER			

REMARKS
 FY08 reflects the last 15 aircraft deliveries.
 The USAF delivery schedule has been adjusted to account for foreign military and direct commercial sales (FMS and DCS).

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Exhibit P-40, Budget Item Justification						Date: May 2009					
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number						P-1 Line Item Nomenclature					
Aircraft Procurement, Air Force, Budget Activity 02, Airlift Aircraft, Item No. 6						C-130J					

Program Element for Code B Items:		N/A			Other Related Program Elements:				N/A			
	ID Code	Prior Years	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	To Comp	Total
Proc Qty	A	46	35		3							84
Cost (\$ M)		3483.047	2342.287	24.931	285.632						TBD	TBD
Advance Proc Cost (\$ M)		538.837		95.739	108.000						TBD	TBD
Weapon System Cost (\$ M)		4021.884	2342.287	120.670	393.632						TBD	TBD
Initial Spares (\$ M)		70.169	0.000	0.000	0.000						TBD	TBD
Total Proc Cost (\$ M)		4092.053	2342.287	120.670	393.632						TBD	TBD
Flyaway Unit Cost (\$ M)		61.652	61.592	N/A	62.244						TBD	
Wpn Sys Unit Cost (\$ M)		62.189	62.260	N/A	62.951						TBD	

Description

FY2008 funding totals include \$1,660.856M of appropriated supplemental funding
FY 2010 funding totals do not include \$72M requested for Overseas Contingency Operations.

The C-130J is a medium-size transport aircraft capable of performing a variety of combat delivery (tactical airlift) operations across a broad range of mission environments. The C-130J aircraft, with its extended (by 15 ft) fuselage, provides additional cargo carrying capacity for the USAF combat delivery mission compared with legacy C-130E/Hs and the C-130J (short). Special mission variants of the C-130J conduct airborne psychological operations (EC-130J), weather reconnaissance (WC-130J), search and rescue (HC-130J) and special operations (MC-130J).

The FY 2008 "Cost" lines includes \$1,660.9M of supplemental funding for 18 C-130Js (\$1,100.7M) and 7 MC-130Js (\$560.2M).

This program has associated Research Development Test and Evaluation (RDT&E) funding in PE 41132F.

FY 2010 Program Justification

The FY 2010 budget supports C-130J production. The budget also provides for logistics support for the USAF C/EC/WC-130J fleet, logistics support for aircrew and maintenance training devices, and program management support.

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Exhibit P-5, Weapon System Cost Analysis	Date: May 2009
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number Aircraft Procurement, Air Force, Budget Activity 02, Airlift Aircraft, Item No. 6	P-1 Line Item Nomenclature C-130J

Manufacturer's Name/Plant City/State Location Lockheed Martin Aero-Marietta	Subline Item C-130J (BPAC 10400C)
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Weapon System Cost Elements	Ident Code	Total Cost in Millions of Dollars											
		FY 2008			FY 2009			FY 2010			Cost to Complete		
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
Airframe	A	28	59.779	1673.812				3	60.200	180.600			
Airframe (7 FY08 Supplemental MC-130J's)	A	7		481.905									
Other Government Furnished Equipment (GFE)	A			75.000						6.132			
FLYAWAY COST SUBTOTAL				2230.717						186.732			
Airframe Peculiar Ground Support Equipment (PGSE)	A			20.600						2.120			
Peculiar Training Equipment	A			49.347						60.200			
Publications/Technical Data	A			2.262		1.620				3.010			
Diminishing Manufacturing Sources	A			27.000						4.500			
ICS	A			3.849		2.720				1.370			
ISS	A			97.377						42.302			
Post Delivery Support	A			13.024		1.379				13.580			
Organic Depot Support	A			9.900		9.932				60.917			
Other	A			7.450		9.280				6.640			
SUPPORT COST SUBTOTAL				230.809		24.931				194.639			
EOQ	A												
Advanced Procurement	A					95.739				108.000			
Less prorated FY03 EOQ				-6.490									
Less prorated FY04 EOQ	A			-8.654									
Less prorated FY05 EOQ	A			-14.423									
Less previous year advance procurement	A			-89.672						-95.739			
TOTAL PROGRAM				2342.287		120.670				393.632			

Comments
Effective 1 Oct 99, initial spares requirements migrated to Interim Supply Support (ISS) under the Reengineered Supply Support Process (RSSP) umbrella.

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Exhibit P-5A, Procurement History and Planning								Date: May 2009			
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number								P-1 Line Item Nomenclature			
Aircraft Procurement, Air Force, Budget Activity 02, Airlift Aircraft, Item No. 6								C-130J			
Weapon System					Subline Item						
C-130J					C-130J (BPAC 10400C)						
WBS Cost Elements	Qty	Unit Cost	Location of PCO	RFP Issue Date	Contract Method	Contract Type	Contractor and Location	Award Date	Date of First Delivery	Specs Available Now?	Date Revision Available?
Lockheed Martin - Aero-Marietta FY06	3	59.883	WPAFB	Dec-06	C	FFP	Lockheed Martin - Aero, Marietta, GA 30063-0290	Dec-06	Nov-09	Yes	
Lockheed Martin - Aero-Marietta FY06	1	56.911	WPAFB	Apr-08	C	FFP	Lockheed Martin - Aero, Marietta, GA 30063-0290	Jul-08	Sep-10	Yes	
Lockheed Martin - Aero-Marietta FY07	5	57.500	WPAFB	Jun-07	C	FFP	Lockheed Martin - Aero, Marietta, GA 30063-0290	Aug-07	Jan-10	Yes	
Lockheed Martin - Aero-Marietta FY08	9	59.779	WPAFB	Apr-02	C	Multiyear FFP	Lockheed Martin - Aero, Marietta, GA 30063-0290	Nov-07	Apr-09	Yes	
Lockheed Martin - Aero-Marietta FY08	1	57.500	WPAFB	Apr-08	C	FFP	Lockheed Martin - Aero, Marietta, GA 30063-0290	Jul-08	Oct-10	Yes	
Lockheed Martin - Aero-Marietta FY08	18	59.779	WPAFB	Jul-08	C	FFP	Lockheed Martin - Aero, Marietta, GA 30063-0290	Aug-08	Jun-11	Yes	
Lockheed Martin - Aero	7	68.944	WPAFB	Jul-08	C	FFP	Lockheed Martin - Aero, Marietta, GA 30063-0290	Aug-08	Sep-11	No	Feb-09
Remarks											
Air Vehicle:											
a. The C-130J Multiyear contract was converted from a commercial FAR Part 12 to a traditional FAR Part 15 contract in Oct 06.											
b. Savings from multiyear conversion resulted in two additional C-130Js going on contract in Jul 08 (1 FY06, 1 FY08)											
c. The FY06 Supplemental appropriated 3 USAF C-130Js. These 3 aircraft were placed on the C-130J Five Year Option Contract (FYOC) in Dec 06 and will deliver in FY10.											
d. The FY07 Supplemental appropriated 5 USAF C-130Js. These 5 aircraft were placed on the C-130J FYOC in Aug 07 and will deliver in FY10.											
e. The FY08 Supplemental appropriated 18 USAF C-130Js. These 18 aircraft were placed on the C-130J FYOC in Aug 08 and deliveries will start in FY11.											
f. The FY08 Supplemental also appropriated 7 USAF MC-130Js (modified USMC KC-130Js). These 7 aircraft were placed on the C-130J FYOC in Aug 08 and deliveries will start in FY12.											
P-1 Shopping List Item No. 6						Procurement History and Planning Exhibit P-5A, page 3 of 9					

Exhibit P-21, Production Schedule	Date: May 2009
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number Aircraft Procurement, Air Force, Budget Activity 02, Airlift Aircraft, Item No. 6	P-1 Line Item Nomenclature C-130J
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PROCUREMENT YEAR	SERV	PROC. QTY	ACCEP. PRIOR TO 1 OCT 2011	BALANCE DUE AS OF 1 OCT 2011	FISCAL YEAR 2012												FISCAL YEAR 2013												L A T E R
					2011			CALENDAR YEAR 2012									CALENDAR YEAR 2013												
					OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
2008 SUPP	USAF	25	6	19		2	3	3			2	3	3	3														0	
2010	USAF	3	0	3																								0	
TOTAL		28	6	22		2	3	3			2	3	3	3														0	

ITEM/MANUFACTURER'S NAME	LOCATION	PRODUCTION RATES			PROCUREMENT LEAD TIME																							
		MIN SUST	SHIFT HOURS DAYS	MAX	ADMIN LEAD TIME		MFG TIME	TOTAL AFTER 1 OCT	INITIAL REORDER																			
					PRIOR 1 OCT	AFTER 1 OCT																						
Lockheed Martin - Aero	Marietta, GA 30063-0290	12		36																								

REMARKS
 USMC and foreign aircraft deliveries fill in what appear to be production gaps
 2008 SUPP includes 18 C-130Js and 7 MC-130Js

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Exhibit P-40, Budget Item Justification							Date: May 2009					
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number							P-1 Line Item Nomenclature					
Aircraft Procurement, Air Force, Budget Activity 02, Airlift Aircraft, Item No. 7							C-130J Advance Procurement					
Program Element for Code B Items:		41132F			Other Related Program Elements:				N/A			
	ID Code	Prior Years	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	To Comp	Total
Proc Qty	A											0
Cost (\$ M)												0.000
Advance Proc Cost (\$ M)		538.837		95.739	108.000							742.576
Weapon System Cost (\$ M)		538.837	0.000	95.739	108.000							742.576
Initial Spares (\$ M)												0.000
Total Proc Cost (\$ M)		538.837	0.000	95.739	108.000							742.576
Flyaway Unit Cost (\$ M)												
Wpn Sys Unit Cost (\$ M)												

Description

The C-130J is a medium-size transport aircraft capable of performing a variety of combat delivery (tactical airlift) operations across a broad range of mission environments. The advance procurement funds will be used to procure long-lead components, parts, and materials to meet production schedules.

FY 2010 Program Justification

The FY10 advance procurement funds provide long lead items for future C-130Js.

Exhibit P-10 p.2, Advance Procurement Requirements Analysis (Page 2 - Budget Justification)	Date: May 2009
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number Aircraft Procurement, Air Force, Budget Activity 02, Airlift Aircraft, Item No. 7	P-1 Line Item Nomenclature C-130J Advance Procurement
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Weapon System
C130JA

(TOA, \$ in Millions)

Description	PLT	QPA	Unit Cost	2008 QTY	2008	2008	2009 QTY	2009	2009	2010 QTY	2010	2010	2011 QTY	2011	2011
					Contract Forecast Date	Total Cost Request									
End Item								May-09	96.000	3	Nov-09	108.000	9		
CFE								May-09	80.000		Nov-09	90.000			
GFE								Feb-09	15.739		Nov-09	18.000			
EOQ															
TOTAL AP						0.000			95.739			108.000			0.000

Description

The Advance Procurement GFE funding enables the USAF to authorize and place on order defensive systems with sufficient lead time to support the planned delivery schedule.

The Advanced Procurement CFE funding enables Lockheed Martin to authorize and place on order materials, equipment suppliers and subcontractors with sufficient lead time to support the planned delivery schedule.

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Exhibit P-40, Budget Item Justification								Date: May 2009				
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number Aircraft Procurement, Air Force, Budget Activity 02, Airlift Aircraft, Item No. 8								P-1 Line Item Nomenclature HC/MC-130Recap				
Program Element for Code B Items:		N/A			Other Related Program Elements:				HC/MC-130 Recap RDT&E: PE65278F			
	ID Code	Prior Years	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	To Comp	Total
Proc Qty	A		7	6	9						TBD	TBD
Cost (\$ M)				458.224	879.231						TBD	TBD
Advance Proc Cost (\$ M)			75.221	79.782	137.360						TBD	TBD
Weapon System Cost (\$ M)		0.000	75.221	538.006	1016.591						TBD	TBD
Initial Spares (\$ M)											0.000	0.000
Total Proc Cost (\$ M)		0.000	75.221	538.006	1016.591						TBD	TBD
Flyaway Unit Cost (\$ M)				72.437	74.420							
Wpn Sys Unit Cost (\$ M)				73.104	74.865							

Description

Funding for the 7 FY08 SUPP aircraft was appropriated in the C-130J PE, 41132F.

HC/MC-130 Recapitalization will replace and augment the aging USAF fleets of combat rescue HC-130P/N and special operations MC-130E/P aircraft which are experiencing airworthiness, maintainability and operational limitations. The HC/MC-130 Recap Capabilities Development Document (CDD) defines a common baseline configuration for the weapon system and a FY 2012 Initial Operational Capability. The JROC validated the CDD in Nov 2007.

The FY 2008 President's Budget requested RDT&E and Advanced Procurement funds to begin the program.

This program has associated Research Development Test and Evaluation (RDT&E) funding in PE 65278F.

FY 2010 Program Justification

FY 2010 funds will procure nine aircraft, support elements, and advance procurement for planned aircraft. Of the nine aircraft being procured, five will be HC-130 Recap tankers for Air Combat Command's CRT fleet and four will be MC-130 Recap tankers for Air Force Special Operations Command.

Exhibit P-5, Weapon System Cost Analysis							Date: May 2009							
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number							P-1 Line Item Nomenclature							
Aircraft Procurement, Air Force, Budget Activity 02, Airlift Aircraft, Item No. 8							HC/MC-130Recap							
Manufacturer's Name/Plant City/State Location					Subline Item									
Lockheed Martin Aerospace System/ Marietta GA														
Weapon System Cost Elements	Ident Code	Total Cost in Millions of Dollars												
		FY 2008			FY 2009			FY 2010			Cost to Complete			
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	
Airframe/Engines/Accessories					6	70.707	424.242		9	72.605	653.443	TBD		TBD
Government Furnished Equipment (GFE)							10.380				16.338			TBD
Engineering Change Orders (ECO)														
FLYAWAY COST SUBTOTAL							434.622				669.781			TBD
Airframe Peculiar Ground Support Equipment (PGSE)							4.000				4.000			TBD
Peculiar Training Equipment							32.634				152.560			TBD
Publications/Technical Data							2.900				3.043			TBD
Diminishing Manufacturing Sources							5.853				9.213			TBD
ICS											2.000			TBD
ISS							40.094				105.139			TBD
Data							2.054				2.155			TBD
Post Delivery Support														TBD
Organic Depot Support														TBD
Other Government Cost							11.288				11.122			TBD
SUPPORT COST SUBTOTAL							98.823				289.232			TBD
Advance Procurement (Credit)							-75.221				-79.782			TBD
Advance Procurement						75.221	79.782				137.360			TBD
TOTAL PROGRAM						75.221	538.006				1016.591			TBD
Comments														
Since 1 Oct 99 the C-130J program has procured initial spares with BP10 funds using the Reengineered Supply Support Process (RSSP). These funds are included in the ISS line above.														

Exhibit P-5A, Procurement History and Planning						Date: May 2009					
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number Aircraft Procurement, Air Force, Budget Activity 02, Airlift Aircraft, Item No. 8						P-1 Line Item Nomenclature HC/MC-130Recap					

<u>Weapon System</u>				Subline Item							
HC-130Recap											
WBS Cost Elements	Qty	Unit Cost	Location of PCO	RFP Issue Date	Contract Method	Contract Type	Contractor and Location	Award Date	Date of First Delivery	Specs Available Now?	Date Revision Available?
Aircraft Procurement (FY09)	6	70.707	WPAFB		C	FFP	Lockheed Martin Aeronautical Systems, Marietta GA	May-09	Jun-10	No	Nov-08
Aircraft Procurement (FY08 SUPP)	7	67.500	WPAFB		C	FFP	Lockheed Martin Aeronautical Systems, Marietta GA	Jan-09	Sep-11	No	Nov-08
Aircraft Procurement (FY10)	9	72.605	WPAFB		C	FFP	Lockheed Martin Aeronautical Systems, Marietta GA	Feb-09	Jul-12	No	Nov-08

Remarks
The FY08 Supplement added 7 MC-130Js.

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Exhibit P-40, Budget Item Justification							Date: May 2009					
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number							P-1 Line Item Nomenclature					
Aircraft Procurement, Air Force, Budget Activity 02, Airlift Aircraft, Item No. 8							HC/MC-130Recap					
Program Element for Code B Items:		N/A			Other Related Program Elements:				HC/MC-130 Recap RDT&E: PE65278F			
	ID Code	Prior Years	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	To Comp	Total
Proc Qty	A		7	6	9						TBD	TBD
Cost (\$ M)				458.224	879.231						TBD	TBD
Advance Proc Cost (\$ M)			75.221	79.782	137.360						TBD	TBD
Weapon System Cost (\$ M)		0.000	75.221	538.006	1016.591						TBD	TBD
Initial Spares (\$ M)											0.000	0.000
Total Proc Cost (\$ M)		0.000	75.221	538.006	1016.591						TBD	TBD
Flyaway Unit Cost (\$ M)				72.437	74.420							
Wpn Sys Unit Cost (\$ M)				73.104	74.865							

Description

Funding for the 7 FY08 SUP aircraft was appropriated in the C-130J PE, 41132F.

HC/MC-130 Recapitalization will replace and augment the aging USAF fleets of combat rescue HC-130P/N and special operations MC-130E/P aircraft which are experiencing airworthiness, maintainability and operational limitations. The HC/MC-130 Recap Capabilities Development Document (CDD) defines a common baseline configuration for the weapon system and a FY 2012 Initial Operational Capability. The JROC validated the CDD in Nov 2007.

The FY 2008 President's Budget requested RDT&E and Advanced Procurement funds to begin the program.

This program has associated Research Development Test and Evaluation (RDT&E) funding in PE 65278F.

FY 2010 Program Justification

FY 2010 funds will procure nine aircraft, support elements, and advance procurement for planned aircraft. Of the nine aircraft being procured, five will be HC-130 Recap tankers for Air Combat Command's CRT fleet and four will be MC-130 Recap tankers for Air Force Special Operations Command.

Exhibit P-40, Budget Item Justification								Date: May 2009				
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number								P-1 Line Item Nomenclature				
Aircraft Procurement, Air Force, Budget Activity 02, Airlift Aircraft, Item No. 9								HC/MC-130 Recap Adv Proc				
Program Element for Code B Items:		N/A			Other Related Program Elements:			HC-130 Recap RDT&E: PE64261F MC-130 Recap APAF: PE27230F				
	ID Code	Prior Years	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	To Comp	Total
Proc Qty	A	0	7	6	9						40	62
Cost (\$ M)		0.000									TBD	TBD
Advance Proc Cost (\$ M)		0.000	75.221	79.782	137.360						TBD	TBD
Weapon System Cost (\$ M)		0.000	75.221	79.782	137.360						TBD	TBD
Initial Spares (\$ M)		0.000									0.000	0.000
Total Proc Cost (\$ M)		0.000	75.221	79.782	137.360						TBD	TBD
Flyaway Unit Cost (\$ M)												
Wpn Sys Unit Cost (\$ M)												

Description

HC/MC-130 Recapitalization will replace and augment the aging USAF fleets of combat rescue HC-130P/N and special operations MC-130E/P aircraft which are experiencing airworthiness, maintainability and operational limitations. The HC/MC-130 Recap Capabilities Development Document (CDD) defines a common baseline configuration for the weapon system and a FY 2012 Initial Operational Capability. The JROC validated the CDD in Nov 2007. The advance procurement funds will be used to procure long-lead components, parts, and materials.

The FY 2008 President's Budget requested RDT&E and Advance Procurement funds to begin the program.

FY 2010 Program Justification

The FY10 advance procurement funds provide long lead items for future HC/MC-130Js.

Exhibit P-10 p.1, Advance Procurement Requirements Analysis (Page 1 - Funding)										Date: May 2009			
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number Aircraft Procurement, Air Force, Budget Activity 02, Airlift Aircraft, Item No. 9										P-1 Line Item Nomenclature HC/MC-130 Recap Adv Proc			
Weapon System HC-130Recap AP					First System Award Date					First System Completion Date			
(\$ in Millions)													
<u>Description</u>	<u>PLT</u>	<u>When Rqd</u>	<u>Prior Years</u>	<u>FY 2008</u>	<u>FY 2009</u>	<u>FY 2010</u>	<u>FY 2011</u>	<u>FY 2012</u>	<u>FY 2013</u>	<u>FY 2014</u>	<u>FY 2015</u>	<u>To Comp</u>	<u>Total</u>
End Item Qty				7	6	9						TBD	22
CFE				75.221	79.782	115.360							270.363
GFE						22.000							22.000
EOQ													0.000
Design													0.000
Term Liability													0.000
													0.000
TOTAL AP			0.000	75.221	79.782	137.360							292.363
Description													
The Advance Procurement GFE funding enables the USAF to authorize and place on order defensive systems with sufficient lead time to support the planned delivery schedule.													
The Advanced Procurement CFE funding enables Lockheed Martin to authorize and place on order materials, equipment suppliers and subcontractors with sufficient lead time to support the planned delivery schedule.													
P-1 Shopping List Item No. 9							Advance Procurement Requirements Analysis (Page 1 - Funding) Exhibit P-10 p.1, page 2 of 3						

Exhibit P-10 p.2, Advance Procurement Requirements Analysis (Page 2 - Budget Justification)	Date: May 2009
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number Aircraft Procurement, Air Force, Budget Activity 02, Airlift Aircraft, Item No. 9	P-1 Line Item Nomenclature HC/MC-130 Recap Adv Proc
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Weapon System
HC-130Recap AP

(TOA, \$ in Millions)

Description	PLT	QPA	Unit Cost	2008 QTY	2008	2008	2009 QTY	2009	2009	2010 QTY	2010	2010	2011 QTY	2011	2011
					Contract Forecast Date	Total Cost Request									
End Item					Jun-08	75.221	6	Jun-09	79.782	9	Jan-10	137.360			
CFE					Jun-08	75.221		Jun-09	79.782		Jan-10	115.360			
GFE											Jan-10	22.000			
EOQ															
Design															
Term Liability															
TOTAL AP						75.221			79.782			137.360			0.000

Description

The Advance Procurement GFE funding enables the USAF to authorize and place on order defensive systems with sufficient lead time to support the planned delivery schedule.

The Advanced Procurement CFE funding enables Lockheed Martin to authorize and place on order materials, equipment suppliers and subcontractors with sufficient lead time to support the planned delivery schedule.

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Exhibit P-40, Budget Item Justification							Date: May 2009					
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number Aircraft Procurement, Air Force, Budget Activity 02, Airlift Aircraft, Item No. 10							P-1 Line Item Nomenclature JOINT CARGO AIRCRAFT					
Program Element for Code B Items:		N/A			Other Related Program Elements:				N/A			
	ID Code	Prior Years	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	To Comp	Total
Proc Qty	A				8							8
Total Proc Cost (\$ M)			0.000	0.000	319.050							319.050

Description

The Joint Cargo Aircraft, now designated the C-27J, program and the direct support airlift mission it supports has been transferred to the Air Force. The 13 aircraft procured by the Army from FY07-09 are being transferred to the Air Force.

The C-27J program began as an Army-led, joint program to acquire a commercial derivative aircraft to support the Time Sensitive/Mission Critical resupply of Army ground forces. A joint Army/Air Force Source Selection Team chose the C-27J in a full and open competition and awarded a firm-fixed price contract to L3 Communications on 13 June 2007.

FY 2010 Program Justification

Funding will procure 8 aircraft, support equipment, interim contractor support, contractor provided aircrew training, and program management support. Funding also supports engineering change orders driven by aircraft configuration and/or avionics changes resulting from the test program.

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**FISCAL YEAR (FY) 2010 BUDGET ESTIMATES
BUDGET ACTIVITY 03 – TRAINER AIRCRAFT**

MAY 2009

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Exhibit P-40, Budget Item Justification						Date: May 2009						
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number Aircraft Procurement, Air Force, Budget Activity 03, Trainer Aircraft, Item No. 11						P-1 Line Item Nomenclature INTRO TO FLIGHT/AIRMANSHIP PRG						
Program Element for Code B Items:		N/A			Other Related Program Elements:				N/A			
	ID Code	Prior Years	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	To Comp	Total
Proc Qty	A	0			13							13
Total Proc Cost (\$ M)		0.000	0.000	0.000	4.144							4.144

Description

This line will acquire Commercial-Off-The-Shelf (COTS) aircraft for the Powered Flight Program at the United States Air Force Academy (USAFA) in Colorado Springs, CO. The Powered Flight Program is an academic program to integrate character training with flight operations to develop leadership and airmanship skills in future Air Force officers. It is not a pre-pilot training flight screening program. Desired aircraft characteristics include single engine, four-seat configuration (two-seat minimum) and FAA certification. Aircraft must be capable of operating from the USAFA airfield.

This is a new start in FY2010.

FY 2010 Program Justification

Acquire 13 COTS aircraft for use in the Powered Flight Program at the USAFA.

Exhibit P-5, Weapon System Cost Analysis	Date: May 2009
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number Aircraft Procurement, Air Force, Budget Activity 03, Trainer Aircraft, Item No. 11	P-1 Line Item Nomenclature INTRO TO FLIGHT/AIRMANSHIP PRG
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Manufacturer's Name/Plant City/State Location To be determined	Subline Item N/A
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Weapon System Cost Elements	Ident Code	Total Cost in Millions of Dollars											
		FY 2008			FY 2009			FY 2010			Cost to Complete		
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
Aircraft	A							13	0.232	3.010			
Program Management Administration										1.134			
FLYAWAY COST SUBTOTAL										4.144			
SUPPORT COST SUBTOTAL													
TOTAL PROGRAM										4.144			

Comments

Exhibit P-5A, Procurement History and Planning Date: May 2009

Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number P-1 Line Item Nomenclature
Aircraft Procurement, Air Force, Budget Activity 03, Trainer Aircraft, Item No. 11 **INTRO TO FLIGHT/AIRMANSHIP PRG**

Weapon System Subline Item
INTRO TO FLIGHT

WBS Cost Elements	Qty	Unit Cost	Location of PCO	RFP Issue Date	Contract Method	Contract Type	Contractor and Location	Award Date	Date of First Delivery	Specs Available Now?	Date Revision Available?
Air Vehicle FY10	13	0.235	ASC/877 AESG WPAFB OH	Mar-10	C/FPO	FFP	Unknown	Jun-10	Dec-12		

Remarks

The manufacturer will not be known until contract award. Date of first delivery is notional at this time.

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Exhibit P-40, Budget Item Justification							Date: May 2009				
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number Aircraft Procurement, Air Force, Budget Activity 03, Trainer Aircraft, Item No. 12							P-1 Line Item Nomenclature Joint Primary Aircraft Training System (JPATS)				

Program Element for Code B Items:		N/A			Other Related Program Elements:				0604233F, 0804741F			
	ID Code	Prior Years	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	To Comp	Total
Proc Qty	A	413	39								0	452
Cost (\$ M)		2182.131	231.427	27.579	15.711						0.000	2456.848
Advance Proc Cost (\$ M)		0.000									0.000	0.000
Weapon System Cost (\$ M)		2182.131	231.427	27.579	15.711							2456.848
Initial Spares (\$ M)		99.331	0.000	15.954	2.515						0.000	117.800
Total Proc Cost (\$ M)		2281.462	231.427	43.533	18.226							2574.648
Flyaway Unit Cost (\$ M)		4.671	5.459									4.868
Wpn Sys Unit Cost (\$ M)		5.359	6.262									5.585

Description

JPATS supports Air Education and Training Command's (AETC) implementation of Specialized Undergraduate Pilot Training (SUPT) and the Department of Defense initiative for joint primary pilot training. The Joint Primary Aircraft Training System (JPATS) is a joint USAF/USN venture to replace the Services' fleets of primary trainer aircraft (T-37/T-34 respectively) and associated Ground Based Training Systems (GBTS). The USAF's T-37 aircraft average over 35 years of age. The T-37s have an antiquated suite of increasingly unsupportable and non-representative avionics (i.e., analog versus digital cockpit), as well as noisy, underpowered and fuel-inefficient engines. Cockpits are unpressurized, resulting in the largest number of physiological incidents in the Air Force. The JPATS T-6A offers a pressurized cockpit, anti-g suit, a 0/0 ejection seat, and increased birdstrike protection. The USAF is the Executive Service for JPATS. The Air Force accelerated JPATS acquisition in FY 2004 through FY 2007 to allow earlier beddown of the T-6A and earlier retirement of the T-37B.

FY 2010 Program Justification

Funding is programmed for JPATS program management, systems engineering and dedicated prime contractor support.

Exhibit P-5, Weapon System Cost Analysis	Date: May 2009
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number Aircraft Procurement, Air Force, Budget Activity 03, Trainer Aircraft, Item No. 12	P-1 Line Item Nomenclature Joint Primary Aircraft Training System (JPATS)

Manufacturer's Name/Plant City/State Location Hawker Beechcraft Corporation/Wichita/Kansas	Subline Item
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Weapon System Cost Elements	Ident Code	Total Cost in Millions of Dollars											
		FY 2008			FY 2009			FY 2010			Cost to Complete		
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
Aircraft	A	39	5.459	212.906									
FLYAWAY COST SUBTOTAL				212.906									
Advance Procurement	A												
Other	A			11.121			23.579			15.711			
SUPPORT COST SUBTOTAL				11.121			23.579			15.711			
Ground Based Training System	A			7.400			4.000						
Rounding in Database													
TOTAL PROGRAM				231.427			27.579			15.711			

Comments
 The follow-on production contract for FY2007 and beyond was awarded under FAR Part 15.

 "Other" includes air vehicle support, integrated logistics support, and mission support.

Exhibit P-5A, Procurement History and Planning							Date: May 2009				
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number							P-1 Line Item Nomenclature				
Aircraft Procurement, Air Force, Budget Activity 03, Trainer Aircraft, Item No. 12							Joint Primary Aircraft Training System (JPATS)				
Weapon System				Subline Item							
T-6											
WBS Cost Elements	Qty	Unit Cost	Location of PCO	RFP Issue Date	Contract Method	Contract Type	Contractor and Location	Award Date	Date of First Delivery	Specs Available Now?	Date Revision Available?
Air Vehicle FY95	9	6.646	ASC/YT WPAFB OH	May-94	C/FPO	FPIF	Raytheon Aircraft Co Wichita, Kansas	Sep-96	Feb-00	Yes	
Air Vehicle FY96	4	3.431	ASC/YT WPAFB OH	May-94	C/FPO	FPIF	Raytheon Aircraft Co Wichita, Kansas	Apr-97	Jun-00	Yes	
Air Vehicle FY97	11	3.431	ASC/YT WPAFB OH	May-94	C/FPO	FPIF with EPA	Raytheon Aircraft Co Wichita, Kansas	Apr-97	Aug-00	Yes	
Air Vehicle FY98	22	2.959	ASC/YT WPAFB OH	May-94	C/FPO	FPIF with EPA	Raytheon Aircraft Co Wichita, Kansas	Feb-98	Mar-01	Yes	
Air Vehicle FY99	22	2.845	ASC/YT WPAFB OH	May-94	C/FPO	FPIF with EPA	Raytheon Aircraft Co Wichita, Kansas	May-99	Nov-01	Yes	
Air Vehicle FY00	29	2.596	ASC/YT WPAFB OH	May-94	C/FPO	FFP	Raytheon Aircraft Co Wichita, Kansas	Jun-00	Jun-02	Yes	
Air Vehicle FY01	34	2.431	ASC/YT WPAFB OH	May-94	C/FPO	FFP	Raytheon Aircraft Co Wichita, Kansas	May-01	Mar-03	Yes	
Air Vehicle FY02	40	4.272	ASC/YT WPAFB OH	Jun-01	C/FPO	FFP	Raytheon Aircraft Co Wichita, Kansas	Dec-01	Apr-04	Yes	
Air Vehicle FY03	35	4.596	ASC/YT WPAFB OH	Jun-01	C/FPO	FFP	Raytheon Aircraft Co Wichita, Kansas	Nov-02	Nov-04	Yes	
Air Vehicle FY04	52	4.630	ASC/YT WPAFB OH	Jun-01	C/FPO	FFP	Raytheon Aircraft Co Wichita, Kansas	Feb-04	Jul-05	Yes	
Air Vehicle FY05	53	5.025	ASC/YT WPAFB OH	Jun-01	C/FPO	FFP	Raytheon Aircraft Co Wichita, Kansas	Feb-05	Jun-06	Yes	
Air Vehicle FY06	54	5.157	ASC/YT WPAFB OH	Jun-01	C/FPO	FFP	Raytheon Aircraft Co Wichita, Kansas	Feb-06	Jun-07	Yes	

P-1 Shopping List Item No. 12

Procurement History and Planning
Exhibit P-5A, page 3 of 9

Exhibit P-5A, Procurement History and Planning	Date: May 2009
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number Aircraft Procurement, Air Force, Budget Activity 03, Trainer Aircraft, Item No. 12	P-1 Line Item Nomenclature Joint Primary Aircraft Training System (JPATS)

<u>Weapon System</u>				Subline Item							
T-6											
WBS Cost Elements	Qty	Unit Cost	Location of PCO	RFP Issue Date	Contract Method	Contract Type	Contractor and Location	Award Date	Date of First Delivery	Specs Available Now?	Date Revision Available?
Air Vehicle FY07	48	5.254	ASC/YT WPAFB OH	Mar-06	C/FPO	FFP	Hawker-Beechcraft Corp Wichita, Kansas	Feb-08	Mar-09	Yes	
Air Vehicle FY08	39	5.502	ASC/YT WPAFB OH	Mar-06	C/FPO	FFP	Hawker-Beechcraft Corp Wichita, Kansas	Mar-08	Apr-10	Yes	

Remarks
 In constant dollars, the T-6A unit price decreased from FY 1995 through FY 2001 (the term of the initial contract), then increased beginning in FY 2002, the first year of the follow-on contract. The unit price increase was caused by high demand due to the commercial nature of T-6A components and relatively small T-6A quantities, increased cost of materials, and a lower volume of foreign sales than was originally forecast. The FY2002 follow-on contract was in accordance with FAR Part 12 and incorporated commercial payments. The FY2007 follow-on contract was in accordance with FAR Part 15.

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**FISCAL YEAR (FY) 2010 BUDGET ESTIMATES
BUDGET ACTIVITY 04 – OTHER AIRCRAFT
MAY 2009**

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Exhibit P-40, Budget Item Justification							Date: May 2009					
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number							P-1 Line Item Nomenclature					
Aircraft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 13							CV-22 Osprey					
Program Element for Code B Items:		N/A			Other Related Program Elements:				N/A			
	ID Code	Prior Years	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	To Comp	Total
Proc Qty	A	10	10	6	5							31
Cost (\$ M)		1125.705	797.129	407.719	437.272							2767.825
Advance Proc Cost (\$ M)		80.295	40.967	14.227	13.835							149.324
Weapon System Cost (\$ M)		1206.000	838.096	421.946	451.107							2917.149
Initial Spares (\$ M)		186.708	109.663	41.185	123.737							461.293
Total Proc Cost (\$ M)		1392.709	947.759	463.131	574.844							3378.443
Flyaway Unit Cost (\$ M)		74.262	64.702	61.997	67.034							
Wpn Sys Unit Cost (\$ M)		120.600	83.810	70.324	90.221							
Description												
FY2008 funding totals include \$346.399M of appropriated supplemental funding.												
<p>The CV-22 is a Special Operations Forces (SOF) variant of the V-22 vertical lift, multi-mission aircraft. The CV-22 will provide long range, high speed, critical capability to insert, extract, and resupply special operation forces into politically or militarily denied areas, not currently provided by existing aircraft. The Navy is the lead service for the joint V-22 program and is responsible for managing all V-22 variants, including the CV-22. The program will procure and field 50 CV-22 aircraft, support equipment, training equipment and spares. This program has Diminishing Manufacturing Sources (DMS) issues and funding is included in this budget line item for DMS resolution. The Air Force funds the procurement of the basic aircraft (V-22 common components), contractor logistics support, and training. USSOCOM funds the procurement of SOF unique systems on the CV-22, such as the terrain following radar and Suite of Integrated Radio Frequency Countermeasures (SIRFC). The Air Force and Navy utilize joint training facilities at MCAS New River, NC to conduct maintenance training and initial V-22 aircrew qualification training. CV-22 SOF-unique mission qualification training is being conducted at the Special Operations Mission Qualification Schoolhouse at Kirtland AFB, NM.</p>												
Notes:												
This program has associated Research Development Test and Evaluation (RDT&E) funding in PE 0401318F.												
FY 2010 Program Justification												
The FY2010 budget will provide funding to procure five CV-22 aircraft under the third year of a 5-year V-22 Multi-Year Procurement (MYP) contract.												
The FY2010 budget includes the following support elements: Peculiar Training Equipment, Technical Publications, Production Engineering Support, Common Support Equipment, Other ILS, and Initial Spares. These support elements have a lead time of up to 24 months and will be used to support training operations at Kirtland AFB and mission operations at Hurlburt Field and Cannon AFB.												
P-1 Shopping List Item No. 13							Budget Item Justification Exhibit P-40, page 1 of 6					

Exhibit P-5A, Procurement History and Planning						Date: May 2009					
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number						P-1 Line Item Nomenclature					
Aircraft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 13						CV-22 Osprey					

<u>Weapon System</u>					Subline Item						
CV-22											
WBS Cost Elements	Qty	Unit Cost	Location of PCO	RFP Issue Date	Contract Method	Contract Type	Contractor and Location	Award Date	Date of First Delivery	Specs Available Now?	Date Revision Available?
Aircraft Procurement Lot 11 (FY07)	3	67.901	NAVAIR	Mar-06	SS	FFP	Bell-Boeing, Amarillo TX	May-07	Dec-08	Yes	
Aircraft Procurement Lot 12 (FY08)	10	64.702	NAVAIR	Jul-06	SS	FPI	Bell-Boeing, Amarillo TX	Mar-08	Dec-09	Yes	
Aircraft Procurement Lot 13 (FY09)	6	61.997	NAVAIR	Jul-06	SS	FPI	Bell-Boeing, Amarillo, TX	Dec-08	Feb-11	Yes	
Aircraft Procurement Lot 14 (FY10)	5	67.034	NAVAIR	Jul-06	SS	FPI	Bell-Boeing, Amarillo, TX	Nov-09	Feb-12	Yes	

Remarks
 FY08 through FY10 procurement will be ordered on Multi-Year contract awarded in March 2008.
 Unit cost is flyaway recurring unit cost

Exhibit P-21, Production Schedule Date: May 2009

Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number P-1 Line Item Nomenclature
Aircraft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 13 **CV-22 Osprey**

PROCUREMENT YEAR	S E R V	PROC. QTY	ACCEP. PRIOR TO 1 OCT 2010	BALANCE DUE AS OF 1 OCT 2010	FISCAL YEAR 2011												FISCAL YEAR 2012												L A T E R
					2010						CALENDAR YEAR 2011						CALENDAR YEAR 2012												
					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	
2007	USAF	2	2	0																								0	
2008	USAF	5	5	0																									0
2009	USAF	6	0	6						1		1		1		1		1											0
2010	USAF	5	0	5																1			1		1	1			1
FY2007 SUPP	USAF	1	0	1			1																						0
FY2008 SUPP	USAF	5	0	5																							1		3
TOTAL		24	7	17			1			1		1		1		1		1		1		1		2	1	1	1		4

ITEM/MANUFACTURER'S NAME	LOCATION	PRODUCTION RATES			PROCUREMENT LEAD TIME				MFG TIME	TOTAL AFTER 1 OCT
		MIN SUST	SHIFT HOURS DAYS	M A X	ADMIN LEAD TIME		INITIAL REORDER			
Bell Boeing	Ridley Park PA & Fort Worth TX	11		39	PRIOR 1 OCT	AFTER 1 OCT				
							3	37	40	

REMARKS
 Minimum sustaining rate includes MV-22 production.

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Exhibit P-40, Budget Item Justification						Date: May 2009						
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number						P-1 Line Item Nomenclature						
Aircraft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 14						CV-22 (Osprey) Advance Procurement						
Program Element for Code B Items:		N/A			Other Related Program Elements:				N/A			
	ID Code	Prior Years	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	To Comp	Total
Proc Qty	A		10	6	5							21
Cost (\$ M)												0.000
Advance Proc Cost (\$ M)		80.295	40.967	14.227	13.835							149.324
Weapon System Cost (\$ M)		80.295	40.967	14.227	13.835							149.324
Initial Spares (\$ M)												0.000
Total Proc Cost (\$ M)		80.295	40.967	14.227	13.835							149.324
Flyaway Unit Cost (\$ M)												
Wpn Sys Unit Cost (\$ M)												

Description

The CV-22 is a Special Operations Forces (SOF) variant of the V-22 vertical lift, multi-mission aircraft. The CV-22 will provide long range, high speed, critical capability to insert, extract, and resupply special operation forces into politically or militarily denied areas, not currently provided by existing aircraft. The Navy is the lead service for the joint V-22 program and is responsible for managing all V-22 variants, including the CV-22. The program will procure and field 50 CV-22 aircraft and associated configuration items (CIs). The Air Force funds the procurement of the basic aircraft (V-22 common components), contractor logistics support, and training. USSOCOM funds the procurement of SOF unique systems on the CV-22, such as the terrain following radar and Suite of Intergrated Radio Frequency Countermeasures (SIRFC) .

FY 2010 Program Justification

The FY2010 budget includes \$13.8M for long lead items to support five lot 15 CV-22 aircraft in the V-22 multi-year procurement contract.

Exhibit P-10 p.1, Advance Procurement Requirements Analysis (Page 1 - Funding)										Date: May 2009			
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number Aircraft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 14										P-1 Line Item Nomenclature CV-22 (Osprey) Advance Procurement			
Weapon System CV22AP					First System Award Date Mar-03					First System Completion Date Feb-06			
(\$ in Millions)													
<u>Description</u>	<u>PLT</u>	<u>When Rqd</u>	<u>Prior Years</u>	<u>FY 2008</u>	<u>FY 2009</u>	<u>FY 2010</u>	<u>FY 2011</u>	<u>FY 2012</u>	<u>FY 2013</u>	<u>FY 2014</u>	<u>FY 2015</u>	<u>To Comp</u>	<u>Total</u>
End Item Qty			10	10	6	5							31
CFE	34		52.402										52.402
GFE													0.000
EOQ													0.000
Design													0.000
Term Liability													0.000
Long-Lead for FY08	32		16.543										16.543
EOQ for FY08			1.707										1.707
Long-Lead for FY09	32			14.348									14.348
EOQ for FY09			2.267	13.844									16.112
Long-Lead for FY10	32				14.227								14.227
EOQ for FY10			2.205	3.595									5.800
Long-Lead for FY11	32					13.835							13.835
EOQ for FY11			2.418	4.865									7.283
Long-Lead for FY12	32												0.000
EOQ for FY12			2.753	4.314									7.068
TOTAL AP			80.295	40.967	14.227	13.835							149.324
Description													
Airframe CFE requirements are long lead parts and materials necessary to protect the delivery schedule. Includes (but is not limited to) Antenna/Processor, AN/APN-194 Radar Altimeter Antenna, AN/ARN-147 (V), and External Power Monitor.													
Select components to facilitate reductions in production set-up 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, Flight Control System and various machined parts and hydraulic components.													
P-1 Shopping List Item No. 14							Advance Procurement Requirements Analysis (Page 1 - Funding) Exhibit P-10 p.1, page 2 of 3						

Exhibit P-10 p.2, Advance Procurement Requirements Analysis (Page 2 - Budget Justification)	Date: May 2009
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number Aircraft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 14	P-1 Line Item Nomenclature CV-22 (Osprey) Advance Procurement
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Weapon System
CV22AP

(TOA, \$ in Millions)

<u>Description</u>	<u>PLT</u>	<u>QPA</u>	<u>Unit Cost</u>	<u>2008</u> <u>QTY</u>	<u>2008</u>	<u>2008</u>	<u>2009</u> <u>QTY</u>	<u>2009</u>	<u>2009</u>	<u>2010</u> <u>QTY</u>	<u>2010</u>	<u>2010</u>	<u>2011</u> <u>QTY</u>	<u>2011</u>	<u>2011</u>
					<u>Contract</u> <u>Forecast</u> <u>Date</u>	<u>Total</u> <u>Cost</u> <u>Request</u>									
End Item															
EOQ/Long-Lead Items	32			5	Mar-08	40.967	6	Dec-08	14.227	5	Nov-09	13.835			
EOQ for FY11															
EOQ for FY10															
Long-Lead for FY11															
Long-Lead for FY12															
EOQ for FY12															
TOTAL AP						40.967			14.227			13.835			0.000

Description

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Exhibit P-40, Budget Item Justification								Date: May 2009				
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number								P-1 Line Item Nomenclature				
Aircraft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 15								Combat Flight Inspection Aircraft (CFIN)				
Program Element for Code B Items:		N/A			Other Related Program Elements:				0305114F			
	ID Code	Prior Years	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	To Comp	Total
Proc Qty	A			1								1
Total Proc Cost (\$ M)			0.000	31.781								31.781

Description

The Combat Flight Inspection (CFIN) aircraft performs in-flight wartime/peacetime/contingency inspections and evaluations of Air Traffic Control systems and procedures (e.g., instrument departures, arrivals, and approaches). The aircraft ensures navigational aids (NAVAIDs) provide safe guidance for instrument flight, especially at night or adverse weather. Since 9/11 over 900 CFIN sorties (4,500 hours) have been flown in support of OEF/OIF.

By a Memorandum Of Agreement (MOA) between the Air Force and the Federal Aviation Administration (FAA), the FAA accepted responsibility for the flight inspection program from the DOD in March 1991. As a part of this MOA, the Air Force transferred its organic CFIN aircraft to the FAA. The FAA assumed responsibility to operate and maintain the fleet (maintenance and fuel) while the Air Force provides flight crews. The current CFIN aircraft is the C-29 Hawker. The C-29 doesn't have the range and capacity to support worldwide deployments, has an operational availability of 80%, and suffers from severe wet wing corrosion problems. These capability gaps and deficiencies limit the Air Force's ability to provide rapid and flexible support to mission tasking. In response, the Air Force and FAA established a program to replace the C-29 with the Bombardier Challenger 600 (CL-600) series aircraft. Six aircraft are required to support operational war plan tasking. The MOA stipulates the FAA will procure five new aircraft and the Air Force one. The FAA has already procured four CL-600 series aircraft and phased out three C-29s.

Purchase of this aircraft continues the conversion of the CFIN fleet from the C-29s to CL-600 series aircraft and satisfies the Air Force MOA commitment. Now that the Air Force has funded the fifth aircraft, the FAA will procure the sixth and final CFIN aircraft in FY09 and phase-out the last three C-29s.

FY 2010 Program Justification

No FY10 funds requested.

No FY11 Funds requested.

Exhibit P-5, Weapon System Cost Analysis	Date: May 2009
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number Aircraft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 15	P-1 Line Item Nomenclature Combat Flight Inspection Aircraft (CFIN)
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Manufacturer's Name/Plant City/State Location Bombardier Aerospace Corp	Subline Item
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Weapon System Cost Elements	Ident Code	Total Cost in Millions of Dollars											
		FY 2008			FY 2009			FY 2010			Cost to Complete		
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
Bombardier Challenger 600 (CL-600) aircraft					1	31.781	31.781						
TOTAL PROGRAM						31.781							

Comments

Exhibit P-5A, Procurement History and Planning	Date: May 2009
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number Aircraft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 15	P-1 Line Item Nomenclature Combat Flight Inspection Aircraft (CFIN)

Weapon System	Subline Item
CFIN	Combat Flight Inspection Aircraft (CFIN)

WBS Cost Elements	Qty	Unit Cost	Location of PCO	RFP Issue Date	Contract Method	Contract Type	Contractor and Location	Award Date	Date of First Delivery	Specs Available Now?	Date Revision Available?
Bombardier Aerospace Corp	1	31.781	FAA/AMQ 340, Oklahoma City, OK	Dec-03	C	FFP	Bombardier Aerospace Corp	Jan-09	Nov-09	Yes	

Remarks

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Exhibit P-40, Budget Item Justification							Date: May 2009					
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number Aircraft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 16							P-1 Line Item Nomenclature MC-12W					
Program Element for Code B Items:			N/A			Other Related Program Elements:				N/A		
	ID Code	Prior Years	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	To Comp	Total
Proc Qty	A		7	24								0
Total Proc Cost (\$ M)			36.400	179.511								215.911

Description

FY 2008 funding totals include \$36.4 of FY08 ISR reprogramming supplemental funding (PA-33).

FY 2009 funding totals do not include \$45M requested for Overseas Contingency Operations for the last six aircraft.

Liberty Project Aircraft (LPA) is a multi-role, medium altitude, manned aircraft system performing an intelligence, surveillance, and reconnaissance (ISR) role coupled with a target acquisition (TA) capability. LPA was initiated through the SECDEF-directed ISR Task Force to address the ever-increasing Combatant Commander's requirements to satisfy full motion video (FMV) capability shortfalls in the Overseas Contingency Ooperation budget. Capabilities to be integrated by the 645th Aeronautical Systems Group (AESG, a.k.a. BIG SAFARI Program Office) for Phase 1 (LPA #1 through #7) on the platforms of choice, the Hawker Beechcraft King Air 350 aircraft, include FMV line-of-sight (LOS) data link for Remote Operations Video Enhanced Receiver (ROVER) and One System Remote Video Terminal (OSRVT) receivers; limited SIGINT collection capability; and narrowband INMARSAT data link for beyond line-of-sight (BLOS) connectivity. Phase 2, LPA #8 and beyond (current FY09 procurement funding buys 24 aircraft for a total of 31 LPA), will have an enhanced FMV with laser designator capability; a more robust SIGINT capability; and a Ku-band data link for BLOS connectivity. Initial FY08 funding was provided via the SECDEF mandated ISR Reprogramming Initiative. FY09 funding was requested through the Bridge Supplemental and ended up in the program base funding to take the program of record to 31 aircraft. The program of record is planned for 37 aircraft so funding for the additional six aircraft is currently being pursued via an Overseas Contingency Operations (OCO) Request for \$45.0M.

In summary:

+ 7 MC-12Ws provided for in FY08 with PA-33

+ 24 MC-12Ws provided for in FY09 Base Appropriations

+ 6 MC-12Ws submitted for in FY09 Overseas Contingency Operations (OCO) Request

Grand total of 37 MC-12W aircraft is the planned program of record fleet size

FY 2010 Program Justification

Any funding received will be used for a quick turn solution to address USCENTCOM's critical capability shortfall in full motion video capable assets in their theater of operation supporting the Overseas Contingency Operations (OCO). FMV capable assets provides increased situational awareness and potentially a targeting solution for combat troops in contact.

Exhibit P-5, Weapon System Cost Analysis	Date: May 2009
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number Aircraft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 16	P-1 Line Item Nomenclature MC-12W

Manufacturer's Name/Plant City/State Location Hawker Beechcraft Corporation / Wichita / Kansas	Subline Item
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Weapon System Cost Elements	Ident Code	Total Cost in Millions of Dollars											
		FY 2008			FY 2009			FY 2010			Cost to Complete		
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
King Air 350 Aircraft		7	5.200	36.400									
King Air 350 ER Aircraft					24	7.480	179.511						
TOTAL PROGRAM				36.400			179.511						

Comments
 Initial direction taken by the Air Force was to purchase high quality, previously owned C-12 class aircraft on the open market as an economic way to get the initiative jump started. LPA #1 through #7 were previously owned King Air 350 aircraft and LPA #8 was a previously owned King Air 350ER aircraft purchased on the open market to initiate / jump start the Liberty program. Once all the high quality, previously owned King Air 350 aircraft were exhausted from the open market (other DoD Service programs, like the Army's Task Force ODIN & SOCOM, competed for these highly sought after assets), contract negotiations ensued with Hawker Beechcraft Corporation for new production King Air 350ER aircraft to complete the required aircraft buy, currently funded at 31 aircraft. The funding to purchase six additional aircraft from Hawker Beechcraft Corp to complete the planned program of record fleet size of 37 was submitted as an Overseas Contingency Operations (OCO) Request.

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Exhibit P-5A, Procurement History and Planning							Date: May 2009					
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number							P-1 Line Item Nomenclature					
Aircraft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 16							MC-12W					
Weapon System					Subline Item							
MC-12W					MC-12W							
WBS Cost Elements	Qty	Unit Cost	Location of PCO	RFP Issue Date	Contract Method	Contract Type	Contractor and Location	Award Date	Date of First Delivery	Specs Available Now?	Date Revision Available?	
King Air 350 model aircraft, previously owned	7	5.200	645 AESG, Wright Patterson AFB, OH		C	FFP	L-3 Communications, Greenville, TX	Aug-08	Aug-08	Yes		
King Air 350 ER model aircraft, previously owned	1	7.480	645 AESG, Wright Patterson AFB, OH		C	FFP	L-3 Communications, Greenville, TX	Nov-08	Nov-08	Yes		
King Air 350ER model aircraft, new production	23		645 AESG, Wright Patterson AFB, OH		C	FFP	L-3 Communications, Greenville, TX	Nov-08	Mar-09	Yes		
Remarks												
645 AESG (BIG SAFARI Program Office) via L-3Communications (prime integrating contractor for the Liberty Project Aircraft initiative) procured the first seven (LPA #1 through #7) high quality, previously owned King Air 350 aircraft off the open commercial market. L-3Communications acquired a high quality, previously owned King Air 350ER for the 645 AESG to potentially serve as the Liberty Test Bed aircraft or as a mission aircraft (LPA #8). 645 AESG contracted with Hawker Beechcraft Corporation for 23 new production King Air 350ER aircraft (LPA #9 through #31). Those three purchasing contract actions completed the procurement of 31 Liberty Project Aircraft for Phase 1 and Phase 2. An option to purchase an additional six production aircraft from Hawker Beechcraft is being pursued with an FY09 Overseas Contingency Operation (OCO) Request for \$45.0M which will complete the planned program of record of 37 MC-12W aircraft.												
P-1 Shopping List Item No. 16						Procurement History and Planning Exhibit P-5A, page 3 of 4						

Exhibit P-21, Production Schedule	Date: May 2009
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number Aircraft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 16	P-1 Line Item Nomenclature MC-12W
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PROCUREMENT YEAR	SERV	PROC. QTY	ACCEP. PRIOR TO 1 OCT 0	BALANCE DUE AS OF 1 OCT 0	FISCAL YEAR 1												FISCAL YEAR 2												L A T E R
					CALENDAR YEAR 1												CALENDAR YEAR 2												
					O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	
2008 SUPP	USAF	7	0	7																									
2009	USAF	24	0	24																									
TOTAL				0																									

ITEM/MANUFACTURER'S NAME	LOCATION	PRODUCTION RATES			PROCUREMENT LEAD TIME																						
		MIN SUST	SHIFT HOURS DAYS	M A X	ADMIN LEAD TIME				MFG TIME	TOTAL AFTER 1 OCT																	
Hawker Beechcraft	Wichita, KS				PRIOR 1 OCT	AFTER 1 OCT																					

REMARKS

Exhibit P-40, Budget Item Justification							Date: May 2009					
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number Aircraft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 17							P-1 Line Item Nomenclature C-40					
Program Element for Code B Items:		N/A			Other Related Program Elements:				None			
	ID Code	Prior Years	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	To Comp	Total
Proc Qty	A		2	1	3							6
Total Proc Cost (\$ M)			48.287	87.736	154.044							290.067

Description

This line item provides funding to purchase Air Force C-40 aircraft. The C-40 is a military variant of the commercial 737 Boeing Business Jet. The C-40 provides improved reliability, reduced O&S cost, the latest navigation and safety features, and complies with international and FAA noise and emissions standards. Section 8159 of the FY2002 National Defense Appropriations Act (P.L. 107-117) authorized the Air Force to lease up to four Boeing 737 (C-40) aircraft. These C-40 aircraft were leased from Boeing for five (C-40B) and six year (C-40C) lease terms. The Air Force will purchase these leased aircraft as lease terms expire in FY2008 (two C-40Cs) and FY2010 (one C-40B and one C-40C). Authority to purchase two leased C-40C aircraft was provided in FY2008 legislation.

FY 2010 Program Justification

FY2010 funding request purchases one C-40 for Combatant Commander support (\$100M). FY2010 funding request also purchases one leased C-40B (tail # 02-0042) and one leased C-40C (tail # 02-0203), total of \$54M for the two aircraft. These leased C-40s, authorized in Section 8159 of P.L. 107-117, will be purchased as respective lease terms expire in FY2010. This will complete the C-40 lease program authorized by P.L. 107-117.

Exhibit P-5, Weapon System Cost Analysis	Date: May 2009
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number Aircraft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 17	P-1 Line Item Nomenclature C-40

Manufacturer's Name/Plant City/State Location Boeing Aerospace/Seattle/WA	Subline Item
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Weapon System Cost Elements	Ident Code	Total Cost in Millions of Dollars											
		FY 2008			FY 2009			FY 2010			Cost to Complete		
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
AIRCRAFT PURCHASE	A	2	24.144	48.287	1	87.736	87.736	3	51.348	154.044	0		0.000
TOTAL PROGRAM				48.287			87.736			154.044			

Comments
 FY2010 funding request purchases one C-40 for Combatant Commander support. FY2010 funding request also purchases one leased C-40B (tail # 02-0042) and one leased C-40C (tail # 02-0203). These leased C-40s, authorized in Section 8159 of P.L. 107-117, will be purchased as respective lease terms expire in FY2010. This will complete the C-40 lease program authorized by P.L. 107-117.

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Exhibit P-40, Budget Item Justification							Date: May 2009					
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number							P-1 Line Item Nomenclature					
Aircraft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 18							Civil Air Patrol					
Program Element for Code B Items:		N/A			Other Related Program Elements:				N/A			
	ID Code	Prior Years	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	To Comp	Total
Proc Qty	A	28										28
Cost (\$ M)		10.427	6.235	7.412	2.426							26.500
Advance Proc Cost (\$ M)		0.000										0.000
Weapon System Cost (\$ M)		10.427	6.235	7.412	2.426							26.500
Initial Spares (\$ M)		0.000										0.000
Total Proc Cost (\$ M)		10.427	6.235	7.412	2.426							26.500
Flyaway Unit Cost (\$ M)												
Wpn Sys Unit Cost (\$ M)												
Description												
<p>The Civil Air Patrol (CAP) is a Congressionally chartered non-profit corporation that serves as the Auxiliary of the Air Force. CAP uses federally provided resources to provide assistance requested by the DoD, federal, state or local government authorities and non-governmental organizations (NGO's) to perform emergency or non-emergency public purpose missions and activities.</p> <p>Pursuant to US Code (Title 10 & 36) the purpose of CAP Corporation is to encourage and aide citizens of the US in contributing their efforts, services, and resources in developing aviation and in maintaining air supremacy; and to encourage and develop by example the voluntary contribution of private citizens to the public welfare. CAP provides aviation education and training, as well as encourages and fosters civil aviation in local communities. CAP also provides an organization to assist in meeting local emergencies and assists the Dept of the Air Force in non-combat programs/missions.</p> <p>This program has no initial spares cost. The weapon system cost, flyaway unit cost, and weapon system unit cost do not apply.</p>												
FY 2010 Program Justification												
<p>Six Cessna 182Ts will be procured. This aircraft is a four seat fixed-wing single engine aircraft equipped with satellite digital imaging systems, automatic direction finder, emergency locator transmitter, FM radio, camera port window, ground power unit, and appropriate training material.</p>												
P-1 Shopping List Item No. 18							Budget Item Justification Exhibit P-40, page 1 of 6					

Exhibit P-5, Weapon System Cost Analysis	Date: May 2009
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number Aircraft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 18	P-1 Line Item Nomenclature Civil Air Patrol

Manufacturer's Name/Plant City/State Location	Subline Item
Cessna/Independence, KS Gippsland/Morwell Victoria, Australia Blanik/Kunovice, Czech SAGEM SDIS/Grand Prairie, TX or Puyallup, WA BYCA/Chatsworth, CA Becker DF's/Rheinmuenster, Germany	

Weapon System Cost Elements	Ident Code	Total Cost in Millions of Dollars												
		FY 2008			FY 2009			FY 2010			Cost to Complete			
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	
Avionics														
Cessna 182T		16	0.390	6.235	16	0.472	7.555	6	0.404	2.426				
Gippsland GA-8														
Blanik L23 Glider w/Trailer														
Blanik L23 Glider														
Armament														
Software														
Other Government Furnished Equipment (GFE)														
Engineering Change Orders (ECO)														
Nonrecurring Costs														
Other Costs														
SAGEM SDIS System														
BYCA Ground Power Units														
Becker DF-517														
Proceeds from Aircraft Sales							-0.143							
FLYAWAY COST SUBTOTAL				6.235			7.412			2.426				
Airframe Peculiar Ground Support Equipment (PGSE)														
Engine PGSE														
Peculiar Training Equipment														
Publications/Technical Data														
ECOs														
Other														
SUPPORT COST SUBTOTAL														
TOTAL PROGRAM				6.235			7.412			2.426				

Comments
*Note 1: Proceeds are derived from the sale of old aircraft IAW DoDGARS 32.34(e)

P-1 Shopping List Item No. 18	Weapon System Cost Analysis Exhibit P-5, page 2 of 6
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Exhibit P-5A, Procurement History and Planning	Date: May 2009
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number Aircraft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 18	P-1 Line Item Nomenclature Civil Air Patrol

<u>Weapon System</u>				Subline Item							
CAP											
WBS Cost Elements	Qty	Unit Cost	Location of PCO	RFP Issue Date	Contract Method	Contract Type	Contractor and Location	Award Date	Date of First Delivery	Specs Available Now?	Date Revision Available?
CAP Aircraft: Single Engine-Fixed Wing Aircraft (FY08)	16	0.390	CAP, Inc. 105 S. hansell St. Bldg. 714 Maxwell AFB, AL 36112-6332	Dec-07	C	Fixed-Price IDIQ Contracts with Prospective Price Redetermination AA	Cessna Aircraft Co. Wichita, KS	Jan-08	Dec-08	Yes	
CAP Aircraft: Single Engine-Fixed Wing Aircraft	16	0.472	CAP, Inc. 105 S. Hansell St. Bldg 714 Maxwell AFB, AL 36112-6332	Apr-08	C	Fixed-Price IDIQ Contracts with Prospective Price Redetermination AA	Cessna Aircraft Co. Wichita, KS	Jan-09	Dec-09	Yes	
CAP Aircraft: Single Engine-Fixed Wing Aircraft	6	0.472	CAP, Inc. 105 S. Hansell St. Bldg 714 Maxwell AFB, AL 36112-6332	Apr-08	C	Option	Cessna Aircraft Co. Wichita, KS	Jan-10	Dec-10	Yes	

Remarks

Execution can be accomplished within 45 days of funding distribution.

Contract is scheduled to expire 31 Dec 13. These responses are for powered aircraft only.

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Exhibit P-40, Budget Item Justification								Date: May 2009				
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number								P-1 Line Item Nomenclature				
Aircraft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 20								Target Drones				
Program Element for Code B Items:		N/A			Other Related Program Elements:				0305116F			
	ID Code	Prior Years	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	To Comp	Total
Proc Qty	A											0
Cost (\$ M)		N/A	77.079	70.364	78.511							N/A
Advance Proc Cost (\$ M)												0.000
Weapon System Cost (\$ M)		N/A	77.079	70.364	78.511							N/A
Initial Spares (\$ M)		N/A										N/A
Total Proc Cost (\$ M)		N/A	77.079	70.364	78.511							N/A
Flyaway Unit Cost (\$ M)												
Wpn Sys Unit Cost (\$ M)												

Description

Full-scale and subscale targets assure warfighters that weapon systems will perform effectively against real-world enemy fighters and cruise missiles. Aerial targets help adherence to public law Title 10, Section 2366 "Live Fire/Lethality" developmental/operational test requirements. Target drones are used to validate operational missile/weapon system effectiveness and fighter Operational Flight Program (OFP) updates. Target drones are also essential for development testing/operational testing for all air-to-air and ground-to-air missiles, and for the F-22A, F-35, F-16, F-15, etc., aircraft. The objective is to provide realistic targets for missile testing to enable the development of air defense systems capable of defeating changing airborne threats. This program provides funds for the procurement of subscale target drones (BQM-167 Air Force Subscale Aerial Target--AFSAT), full-scale QF-4 and the follow-on full-scale QF-16, to include procurement of prepositioned Government Furnished Property. Procurement quantities are estimates only and fall within a range of prepriced options. Funding supports associated systems such as target control and scoring systems essential to aerial target operations. These targets and associated systems are required for Congressionally mandated testing and Air Force developmental and operational testing. Funding also provides for capabilities to extend the life of the full-scale aerial target which supports the requirement for threat-representative presentations.

This program has associated Research Development Test and Evaluation funding in PE 0305116F.

FY 2010 Program Justification

FY10 funds continue procurement and engineering changes for full-scale and subscale aerial targets required for developmental and operational testing requirements. Procurement funds are for full-scale and subscale aerial targets to support Advanced Intercept Missile (AIM) programs (AIM-120 and AIM-9) test programs, for the F-22A and F-35 aircraft test programs, and upgrades for the OFP for the F-16/F-15 aircraft. Funding also procures contractor unique items required to support subscale operational capability at Utah Test and Training Range (UTTR) and to meet National Security Agency mandated encryption standards.

Exhibit P-5, Weapon System Cost Analysis										Date: May 2009								
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number										P-1 Line Item Nomenclature								
Aircraft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 20										Target Drones								
Manufacturer's Name/Plant City/State Location					Subline Item													
Weapon System Cost Elements		Ident Code		Total Cost in Millions of Dollars														
				FY 2008			FY 2009			FY 2010			Cost to Complete					
				Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost			
QF-4 FULL SCALE AERIAL TARGET FLYAWAY COST		A																
QF-4 Hardware Recurring																		
Aircraft Drone Mod & Integration				12	1.278	15.335	9	1.368	12.315	9	1.761	15.845						
F-4 In Plant Repairs				12	0.042	0.504	9	0.048	0.432	9	0.046	0.416						
Edwards AFB Backshop and MILSTRIP Support				12	0.068	0.815	9	0.091	0.816	9	0.057	0.517						
Aircraft Withdrawal/Aerospace Maintenance and Regeneration Group (AMARG)																		
Restricted-Unmanned				6	1.158	6.950	4	1.200	4.800	3	1.219	3.658						
Unrestricted - Manned				6	1.268	7.608	5	1.300	6.500	6	1.322	7.929						
TOTAL RECURRING FLYAWAY COST						31.212			24.863			28.365						
Engineering Change Orders/Engineering Change Proposals						1.998			3.037			3.717						
TOTAL NON-RECURRING FLYAWAY COST						1.998			3.037			3.717						
FSAT Program Life Extension						1.900			1.900			1.900						
Productionization of new F-4 Models																		
Data/Tech Manuals						0.401			0.413			0.490						
OTHER PRODUCTION COSTS						2.301			2.313			2.390						
Government Support						2.528			3.844			3.645						
PROGRAM SUPPORT COSTS						2.528			3.844			3.645						
AIR FORCE SUBSCALE AERIAL TARGET																		
Production Article				45	0.610	27.434	45	0.700	31.505	41	0.731	29.951						
ECP/ECO						9.571			2.316			8.484						
Data/Tech Manuals/Training						0.107			0.352			0.289						
Peculiar Support Equipment									0.453			0.475						
FLYAWAY COSTS						37.112			34.626			39.199						
Government Support						1.928			1.681			1.195						
SUPPORT COST SUBTOTAL						1.928			1.681			1.195						

P-1 Shopping List Item No. 20

Weapon System Cost Analysis
Exhibit P-5, page 2 of 11

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Exhibit P-40, Budget Item Justification	Date: May 2009
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number Aircraft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 21	P-1 Line Item Nomenclature C-37

Program Element for Code B Items:	N/A	Other Related Program Elements:	None									
	ID Code	Prior Years	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	To Comp	Total
Proc Qty	A	0		1	1							2
Total Proc Cost (\$ M)		0.000	0.000	70.019	66.400							136.419

Description
 This line item provides funding to purchase C-37 aircraft. The C-37 is the military variant of the commercial Gulfstream 550 executive jet. C-37s provide executive airlift for senior US government officials including Congress and Combatant Commanders.

FY 2010 Program Justification
 FY2010 funding request purchases one C-37 for operational support.

Exhibit P-5, Weapon System Cost Analysis	Date: May 2009
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number Aircraft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 21	P-1 Line Item Nomenclature C-37

Manufacturer's Name/Plant City/State Location Gulfstream Aerospace, Savannah, GA	Subline Item
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Weapon System Cost Elements	Ident Code	Total Cost in Millions of Dollars											
		FY 2008			FY 2009			FY 2010			Cost to Complete		
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
Aircraft Purchase	A				1	70.019	70.019	1	66.400	66.400			
TOTAL PROGRAM						70.019			66.400				

Comments
None

Exhibit P-5A, Procurement History and Planning Date: May 2009

Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number
Aircraft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 21

P-1 Line Item Nomenclature
C-37

Weapon System

Subline Item

C-37A

WBS Cost Elements	Qty	Unit Cost	Location of PCO	RFP Issue Date	Contract Method	Contract Type	Contractor and Location	Award Date	Date of First Delivery	Specs Available Now?	Date Revision Available?
C-37 Aircraft	1		Wright-Patterson AFB, OH		C	Option	Gulfstream Aerospace Savannah, GA	Dec-09	Jun-11		

Remarks

Exhibit P-40, Budget Item Justification							Date: May 2009					
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number							P-1 Line Item Nomenclature					
Aircraft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 22							GLOBAL HAWK					
Program Element for Code B Items:		N/A			Other Related Program Elements:				N/A			
	ID Code	Prior Years	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	To Comp	Total
Proc Qty	A	24	5	5	5							39
Cost (\$ M)		1463.394	510.530	656.358	554.775							3185.057
Advance Proc Cost (\$ M)		316.855	63.409	53.686	113.049							546.999
Weapon System Cost (\$ M)		1780.249	573.939	710.044	667.824							3732.056
Initial Spares (\$ M)		0.000	6.953									6.953
Total Proc Cost (\$ M)		1780.249	580.892	710.044	667.824							3739.009
Flyaway Unit Cost (\$ M)		63.843	86.803	98.638	103.091							
Wpn Sys Unit Cost (\$ M)		74.177	114.788	142.009	135.763							
Description												
<p>The Global Hawk System provides high altitude, deep look, long endurance intelligence, surveillance, and reconnaissance (ISR) capability that compliments space and other airborne collectors during peacetime, crisis, and war-fighting scenarios.</p> <p>This funding is procuring the highly capable Global Hawk System, which is comprised of aircraft, payloads, ground segment, and support segment. The aircraft is fully autonomous, high altitude, long endurance remotely piloted aircraft (RPA). The RQ-4A is an imagery-intelligence (IMINT) RPA designed to employ 2000 pounds of payload. The RQ-4A has one configuration known as the Block 10. The Block 10 employs an IMINT system comprised of a synthetic aperture radar (SAR) sensor and an electro-optical (EO) / infrared (IR) sensor. These three sensors are called the integrated sensor suite (ISS). The RQ-4B RPA is designed to employ 3000 pounds of payload and enable multi-intelligence (multi-INT) collecting. The RQ-4B has three configurations: Block 20, Block 30, and Block 40. The Block 20 will employ upgraded SAR and EO/IR sensors known as the enhanced ISS (EISS) in an IMINT only configuration. The Block 30 will employ the same EISS sensors as the Block 20 and will also integrate a wide spectrum SIGINT sensor suite simultaneously to be used as a multi-INT platform. The Block 40 will integrate the multi-platform radar technology insertion program (MP-RTIP) radar sensor, and currently plans to only carry the MP-RTIP sensor. The user will ultimately determine the optimal quantities and payloads for each aircraft configuration based on operational requirements. The ground station (GS) includes the mission control element (MCE) and the launch and recovery element (LRE). The support segment includes aerospace ground equipment, tech orders, spares, support equipment, and training to enable the Global Hawk System.</p> <p>The Global Hawk program went through a Title 10, Section 2433 review in 2006, due to unit cost breaches (informally known as Nunn-McCurdy). The Department certified the program to Congress on June 5th, 2006. As a result of the review, the Department directed a program restructure to slow development, cap the low rate initial production (LRIP) at 5 per year, and reduce risk. LRIP will remain at 5 per year until successful completion of the initial operational test and evaluation (IOT&E).</p> <p>Initial spares for the Global Hawk Program are included in the weapon system cost line; however, they are not included in the Weapon System Unit Cost per definition. The Global Hawk Program will not separately budget for initial spares. The program includes initial spares and support equipment in production contracts as part of the Contractor Supported Weapon System (CSWS). In FY08, \$6.953M was added to the initial spares line by Congress to purchase weapon system spares.</p> <p>Throughout the FYDP, the program will continue modernization to enhance the system to meet requirements as documented in updates to the Capability Development Document (CDD). Life-of-Type buys may be implemented as needed for Diminishing Manufacturing Source (DMS) issues. During this time, the user will determine the optimal payload configuration and quantity for each aircraft based on current operational requirements. To accommodate the concurrent development and production strategy, one of the aircraft procured in FY04 will initially be used for flight characterization test activity of the Block 20 configuration. In addition, one of the aircraft procured in FY05 and one aircraft</p>												
P-1 Shopping List Item No. 22							Budget Item Justification Exhibit P-40, page 1 of 26					

Exhibit P-40, Budget Item Justification	Date: May 2009
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number Aircraft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 22	P-1 Line Item Nomenclature GLOBAL HAWK

Description Continued

procured in FY06 will be used initially for advanced payloads testing, for Blocks 30 and 40, respectively.

This program has associated Research Development Test and Evaluation funding in PE 0304260F and PE 0207423F.

FY 2010 Program Justification

Procurement funding includes five Global Hawk RQ-4B aircraft with optimal payload configurations and quantity as determined by the user, integrated logistics support (to include initial spares, support equipment, technical data, etc.), other support requirements (training devices, etc.), acceptance testing, program management support and related tasks.

Exhibit P-5A, Procurement History and Planning								Date: May 2009			
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number								P-1 Line Item Nomenclature			
Aircraft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 22								GLOBAL HAWK			
Weapon System					Subline Item						
HAEUAV											
WBS Cost Elements	Qty	Unit Cost	Location of PCO	RFP Issue Date	Contract Method	Contract Type	Contractor and Location	Award Date	Date of First Delivery	Specs Available Now?	Date Revision Available?
FY 2001											
Long lead for 2 Global Hawk Aircraft and 1 MCE (FY02)	2		303 AESG/PK		SS	FPI	Northrop Grumman, Rancho Bernardo, CA	Jun-01	Sep-03	Yes	
FY 2002											
3 Global Hawk Aircraft and 1 MCE	3	52.544	303 AESG/PK		SS	FPI	Northrop Grumman, Rancho Bernardo, CA	Jan-02	Sep-03	Yes	
Long lead for 3 Global Hawk Aircraft and 1 LRE	3		303 AESG/PK		SS	FPI	Northrop Grumman, Rancho Bernardo, CA	Jul-02	Sep-04	No	N/A
FY 2003											
3 Global Hawk Aircraft and 1 LRE	3	79.135	303 AESG/PK		SS	FPI	Northrop Grumman, Rancho Bernardo, CA	Jan-03	Sep-04	No	N/A
Long lead for 4 Global Hawk Aircraft, and 1 GS (FY04)	4		303 AESG/PK		SS	FPI	Northrop Grumman, Rancho Bernardo, CA	Jun-03	Feb-06	No	N/A
FY 2004											
4 Global Hawk Aircraft, and 1 GS	4	46.689	303 AESG/PK		SS	FFP	Northrop Grumman, Rancho Bernardo, CA	Mar-04	Feb-06	No	N/A
Long lead for 4 Global Hawk Aircraft and 1 GS (FY05)	4		303 AESG/PK		SS	FPI	Northrop Grumman, Rancho Bernardo, CA	Mar-04	Oct-07	No	N/A
FY 2005											
4 Global Hawk Aircraft and 1 GS	4	68.703	303 AESG/PK		SS	FPI	Northrop Grumman, Rancho Bernardo, CA	Jul-05	Oct-07	No	N/A
Long lead for 5 Global Hawk Aircraft and 1 GS (FY06)	5		303 AESG/PK		SS	FPI	Northrop Grumman, Rancho Bernardo, CA	Aug-05	Feb-08	No	N/A
FY 2006											
5 Global Hawk Aircraft and 1 GS	5	77.050	303 AESG/PK		SS	FPI	Northrop Grumman, Rancho Bernardo, CA	May-06	Feb-08	No	N/A
Long Lead for 5 Global Hawk Aircraft and 3 GS	5		303 AESG/PK		SS	FPI	Northrop Grumman, Rancho Bernardo, CA	May-06	Apr-09	No	N/A

P-1 Shopping List Item No. 22

Procurement History and Planning
Exhibit P-5A, page 4 of 26

Exhibit P-5A, Procurement History and Planning								Date: May 2009			
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number								P-1 Line Item Nomenclature			
Aircraft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 22								GLOBAL HAWK			
Weapon System					Subline Item						
HAEUAV											
WBS Cost Elements	Qty	Unit Cost	Location of PCO	RFP Issue Date	Contract Method	Contract Type	Contractor and Location	Award Date	Date of First Delivery	Specs Available Now?	Date Revision Available?
(FY07)											
FY 2007											
5 Global Hawk Aircraft and 3 GS	5	84.633	303 AESG/PK		SS	FPI	Northrop Grumman, Rancho Bernardo, CA	May-07	Apr-09	No	N/A
Long lead for 5 Global Hawk Aircraft and 1 GS (FY08)	5		303 AESG/PK		SS	FPI	Northrop Grumman, Rancho Bernardo, CA	Feb-07	Feb-10	No	N/A
FY 2008											
5 Global Hawk Aircraft and 1 GS	5	103.052	303 AESG/PK		SS	TBD	Northrop Grumman, Rancho Bernardo, CA	Aug-08	Feb-10	No	N/A
Long lead for 5 Global Hawk aircraft and 2 GS (FY09)	5		303 AESG/PK		SS	TBD	Northrop Grumman, Rancho Bernardo, CA	Apr-08	Feb-11	No	N/A
FY 2009											
5 Global Hawk Aircraft and 2 GS	5	113.676	303 AESG/PK		SS	TBD	Northrop Grumman, Rancho Bernardo, CA	Mar-09	Feb-11	No	N/A
Long lead for 5 Global Hawk aircraft	5		303 AESG/PK		SS	TBD	Northrop Grumman, Rancho Bernardo, CA	Mar-09	Feb-12	No	N/A
FY 2010											
5 Global Hawk Aircraft	5	91.219	303 AESG/PK		SS	TBD	Northrop Grumman, Rancho Bernardo, CA	Mar-10	Feb-12	No	N/A
Long lead for 5 Global Hawk aircraft	5		303 AESG/PK		SS	TBD	Northrop Grumman, Rancho Bernardo, CA	Mar-10	Feb-13	No	N/A
Remarks											
Unit cost figures are the sum of the unit cost figures for aircraft and ground station from the P-5. Unit cost figures on these pages (P-5A) cannot be multiplied by the quantities which represent only the aircraft.											

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Exhibit P-40, Budget Item Justification						Date: May 2009						
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number						P-1 Line Item Nomenclature						
Aircraft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 23						GLOBAL HAWK Advance Procurement						
Program Element for Code B Items:		N/A			Other Related Program Elements:				N/A			
	ID Code	Prior Years	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	To Comp	Total
Proc Qty	A											0
Cost (\$ M)												0.000
Advance Proc Cost (\$ M)		316.854	63.409	53.686	113.049						TBD	TBD
Weapon System Cost (\$ M)		316.854	63.409	53.686	113.049						TBD	TBD
Initial Spares (\$ M)												0.000
Total Proc Cost (\$ M)		316.854	63.409	53.686	113.049						TBD	TBD
Flyaway Unit Cost (\$ M)												
Wpn Sys Unit Cost (\$ M)												

Description

The Global Hawk System provides high altitude, deep look, long endurance intelligence, surveillance, and reconnaissance (ISR) capability that compliments space and other airborne collectors during peacetime, crisis, and war-fighting scenarios.

This funding is procuring the highly capable Global Hawk System, which is comprised of aircraft, payloads, ground segment, and support segment. The aircraft is an autonomous, high altitude, long endurance, unmanned aircraft systems (UAS). The RQ-4A is an imagery-intelligence (IMINT) UAS designed to employ 2000 pounds of payload. The RQ-4A has one configuration known as the Block 10. The Block 10 employs an IMINT system comprised of a synthetic aperture radar (SAR) sensor and an electro-optical (EO) / infrared (IR) sensor. These three sensors are called the integrated sensor suite (ISS). The RQ-4B UAS is designed to employ 3000 pounds of payload and enable multi-intelligence (multi-INT) collecting. The RQ-4B has three configurations: Block 20, Block 30, and Block 40. The Block 20 will employ upgraded SAR and EO/IR sensors known as the enhanced ISS (EISS) in an IMINT only configuration. The Block 30 will employ the same EISS sensors as the Block 20 and will also integrate a wide spectrum signals intelligence (SIGINT) sensor called the Advanced Signals Intelligence Program (ASIP) sensor used simultaneously to create a multi-INT platform. The Block 40 will integrate the multi-platform radar technology insertion program (MP-RTIP) radar sensor, and currently plans to only carry the MP-RTIP sensor. The user will ultimately determine the optimal mix of quantities and payloads for each aircraft configuration based on operational requirements. The ground station (GS) includes the mission control element (MCE) and the launch and recovery element (LRE). The support segment includes aerospace ground equipment, tech orders, spares, support equipment, and training to enable operation of the Global Hawk System.

The Global Hawk program went through a Title 10, Section 2433 review in 2006, due to a unit cost breach (informally known as Nunn-McCurdy breach). The Department certified the program to Congress on June 5th, 2006. As a result of the review, the Department directed a program restructure to slow development, cap the low rate initial production (LRIP) at 5 per year, and reduce risk. LRIP will remain at 5 per year until successful completion of the initial operational test and evaluation (IOT&E).

Initial spares for the Global Hawk Program are included in the weapon system cost line. The Global Hawk Program will not separately budget for initial spares. The program includes initial spares and support equipment in production contracts as part of the Contractor Supported Weapon System (CSWS). In FY08, \$6.953M was added to the initial spares line by Congress to purchase weapon system spares.

Throughout the FYDP, the program will continue modernization to enhance the system to meet requirements as documented in updates to the Capability Development Document (CDD). During this time, the user will determine the optimal payload configuration and quantity for each aircraft based on current operational requirements. To accommodate the concurrent development and production strategy, one of the aircraft procured in FY04 will initially be used for flight characterization test activity of the Block 20 configuration. In

Exhibit P-40, Budget Item Justification	Date: May 2009
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number Aircraft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 23	P-1 Line Item Nomenclature GLOBAL HAWK Advance Procurement
<p><u>Description Continued</u></p> <p>addition, one of the aircraft procured in FY05 and one aircraft procured in FY06 will be used initially for advanced payloads testing, for Blocks 30 and 40, respectively.</p> <p>This program has associated Research Development Test and Evaluation funding in PE 0304260F and 0207423F.</p> <p><u>FY 2010 Program Justification</u></p> <p>In FY10 advance procurement will procure aircraft produced beginning in FY11 and delivered beginning in FY13. The advance procurement includes five Global Hawk RQ-4B aircraft (with optimal payload configurations and quantity as determined by the user) and associated support systems.</p>	
P-1 Shopping List Item No. 23	Budget Item Justification Exhibit P-40, page 2 of 4

Exhibit P-10 p.2, Advance Procurement Requirements Analysis (Page 2 - Budget Justification)											Date: May 2009				
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number Aircraft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 23											P-1 Line Item Nomenclature GLOBAL HAWK Advance Procurement				
Weapon System HAE_AP															
(TOA, \$ in Millions)															
Description	PLT	QPA	Unit Cost	2008 QTY	2008	2008	2009 QTY	2009	2009	2010 QTY	2010	2010	2011 QTY	2011	2011
					Contract Forecast Date	Total Cost Request		Contract Forecast Date	Total Cost Request		Contract Forecast Date	Total Cost Request		Contract Forecast Date	Total Cost Request
End Item				5	Apr-08	510.530	5	Mar-09	656.358	5	Mar-10	565.768			
CFE			10.700	5		53.509	5		53.686	5		113.049			
GFE			5.000	2		9.900									
EOQ															
Design															
Term Liability															
TOTAL AP						63.409			53.686			113.049			0.000
<u>Description</u>															
P-1 Shopping List Item No. 23											Advance Procurement Requirements Analysis (Page 2 - Budget Justification) Exhibit P-10 p.2, page 4 of 4				

Exhibit P-40, Budget Item Justification								Date: May 2009				
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number Aircraft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 24								P-1 Line Item Nomenclature PREDATOR UAV				
Program Element for Code B Items:		0305219F			Other Related Program Elements:				0305205F			
	ID Code	Prior Years	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	To Comp	Total
Proc Qty	A	258	24	38								320
Total Proc Cost (\$ M)		2124.000	299.220	377.674								2800.894

Description

Predator procurement includes all components of the MQ-1 weapon system. The basic MQ-1 system consists of the aircraft, a control station, communications equipment, support equipment, simulator and training devices, readiness spares packages (RSP), technical data/training, and personnel required to operate, maintain, and sustain the system. The system is designed to be modular and open-ended: mission-specific equipment is employed in a 'plug-and-play' mission kit concept allowing specific aircraft and control station configurations to be tailored to fit mission needs.

The MQ-1 aircraft is a single-engine, propeller-driven, remotely piloted aircraft (formerly called unmanned aerial vehicle) designed to operate over-the-horizon at medium altitude for long endurance sorties. The aircraft is designed to provide real-time Intelligence, Surveillance, Reconnaissance, and Target Acquisition (ISR TA), and attack roles to aggressively prosecute Time Sensitive Targets (TST). The MQ-1 will operate primarily at medium altitudes, integrating with joint aerospace, ground, and maritime forces as well as coalition and Allied forces, to execute combatant commander priority missions. The aircraft carries a Multi-spectral Targeting System (MTS) (a sensor turret that incorporates electro-optical (EO), Infra-Red (IR), laser designator, and IR illuminator) capable of transmitting real-time motion imagery throughout the operational theater. Additionally the aircraft is multi-configurable to carry either a Synthetic Aperture Radar (SAR) or Hellfire laser-guided missiles.

The Ground Control Station (GCS) functions as the aircraft cockpit and can control the aircraft either within line-of-sight (LOS) or beyond LOS (BLOS) via a combination of satellite relay and terrestrial communications. The GCS is either mobile to support forward operating locations or fixed at a facility to support Remote Split Operations (RSO). The GCS has the capability to perform mission planning; provide a means for manual and/or autonomous control and a GCS configuration to allow control of multiple aircraft and payloads; allow personnel to launch, recover, and monitor aircraft, payloads, and system communications status; secure data links to receive payload sensor data and command links; monitor threats to the aircraft; display common operational picture; and provide support functions. Additionally, a Mobile GCS (MGCS) and a Dual Control Mobile GCS (DCMGCS) allows for servicing, systems checks, maintaining, launching, and recovering aircraft under LOS control for hand-off to a mobile or fixed GCS. The GCS will continue to evolve and upgrade its capabilities to keep pace with aircraft capabilities and the missions they perform.

MQ-1s are procured sole-source with General Atomics-Aeronautical Systems Inc. (GA-ASI) as the prime contractor (development, production, integration, depot).

This program has associated Research Development Test and Evaluation funding in PE 0304260F and 0205219F.

FY 2010 Program Justification

Aircraft Procurement has been terminated starting in FY10.

Exhibit P-5, Weapon System Cost Analysis	Date: May 2009
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number Aircraft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 24	P-1 Line Item Nomenclature PREDATOR UAV

Manufacturer's Name/Plant City/State Location General Atomics ASI/Rancho Bernardo/CA	Subline Item
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Weapon System Cost Elements	Ident Code	Total Cost in Millions of Dollars											
		FY 2008			FY 2009			FY 2010			Cost to Complete		
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
MQ-1 Predator Aircraft (1)	A	24	4.918	118.029	38	5.197	197.499						
P3I (2)	A												
Production Support (3)	A			16.306			28.014						
Ground Control Systems (4)	A	23		56.960	7		19.230						
Communication Systems (5)	A	4		22.400	5		19.360						
Initial Spares/Deployment Support Kits (6)	A			63.625			71.471						
Support Equipment (7)	A			6.000			42.100						
Training Device/Simulator	A			15.900									
TOTAL PROGRAM				299.220			377.674						

Comments

(1) Average unit cost includes aircraft with MTS laser sensor, Hellfire capability, and other GFE

(2) Production Support includes Other Government Costs (OGC) and program management support, production tooling, and production specific data/drawings.

(3) Quantity for Ground Systems includes mobile and fixed GCSs and other ground systems to include launch and recovery elements.

(4) Quantity for Communication Systems includes Predator SATCOM System. This line also funds other communication equipment.

(5) Initial Spares and deployment support kit costs vary based on support kit content and initial spares requirements.

Program will utilize buy to budget strategy for GCS and comm systems.

Exhibit P-5A, Procurement History and Planning								Date: May 2009			
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number								P-1 Line Item Nomenclature			
Aircraft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 24								PREDATOR UAV			
Weapon System					Subline Item						
PRED											
WBS Cost Elements	Qty	Unit Cost	Location of PCO	RFP Issue Date	Contract Method	Contract Type	Contractor and Location	Award Date	Date of First Delivery	Specs Available Now?	Date Revision Available?
FY 2002											
RQ-1/MQ-1/General Atomics ASI	23		703 AESG WPAFB OH		SS	FFP	RQ-1/MQ-1/General Atomics ASI, Rancho Bernardo, CA	Dec-01	Jan-03	Yes	
MQ-9/General Atomics ASI	2		703 AESG WPAFB OH		SS	Other	MQ-9/General Atomics ASI, Rancho Bernardo, CA	Oct-01	May-04	Yes	
FY 2003											
RQ-1/MQ-1/General Atomics ASI	22		703 AESG WPAFB OH		SS	FFP	RQ-1/MQ-1/General Atomics ASI, Rancho Bernardo, CA	Aug-03	Aug-04	Yes	
MQ-9/General Atomics ASI	4		703 AESG WPAFB OH		SS	FPIF	MQ-9/General Atomics ASI, Rancho Bernardo, CA	Jan-04	Jan-05	Yes	
FY 2004											
RQ-1/MQ-1/General Atomics ASI	10		703 AESG WPAFB OH		SS	FFP	RQ-1/MQ-1/General Atomics ASI, Rancho Bernardo, CA	Jul-04	Sep-05	Yes	
MQ-9/General Atomics ASI	5		703 AESG WPAFB OH		SS	FPIF	MQ-9/General Atomics ASI, Rancho Bernardo, CA	Nov-04	Mar-07	Yes	
GCS/General Atomics ASI	7		703 AESG WPAFB OH		SS	CPIF	GCS/General Atomics ASI, Rancho Bernardo, CA	Mar-04	Nov-05	Yes	
MQ-1 SATCOM	7		703 AESG WPAFB OH		SS	FFP	PPSL/L-3 Comm, Salt Lake City, UT	Dec-03	Sep-04	Yes	
FY 2005											
RQ-1/MQ-1/General Atomics ASI	22		703 AESG WPAFB OH		SS	FFP	RQ-1/MQ-1/General Atomics ASI, Rancho Bernardo, CA	Nov-04	Mar-06	Yes	
MQ-9/General Atomics ASI	5		703 AESG WPAFB OH		SS	FPIF	MQ-9/General Atomics ASI, Rancho Bernardo, CA	Jan-06	Oct-07	Yes	

P-1 Shopping List Item No. 24

Procurement History and Planning
Exhibit P-5A, page 3 of 22

Exhibit P-5A, Procurement History and Planning								Date: May 2009			
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number								P-1 Line Item Nomenclature			
Aircraft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 24								PREDATOR UAV			
Weapon System					Subline Item						
PRED											
WBS Cost Elements	Qty	Unit Cost	Location of PCO	RFP Issue Date	Contract Method	Contract Type	Contractor and Location	Award Date	Date of First Delivery	Specs Available Now?	Date Revision Available?
							CA				
GCS/General Atomics ASI	9		703 AESG WPAFB OH		SS	CPFF	GCS/General Atomics ASI, Rancho Bernardo, CA	Sep-06	Aug-08	Yes	
MQ-1 SATCOM	1		703 AESG WPAFB OH		SS	FFP	PPSL/L-3 Comm, Salt Lake City, UT	Sep-05	Dec-06	Yes	
FY 2006											
RQ-1/MQ-1/General Atomics ASI	24		703 AESG WPAFB OH		SS	FFP	RQ-1/MQ-1/General Atomics ASI, Rancho Bernardo, CA	Jul-06	Jun-07	Yes	
MQ-9/General Atomics ASI	2		703 AESG WPAFB OH		SS	FFP	MQ-9/General Atomics ASI, Rancho Bernardo, CA	May-07	Jun-08	Yes	
GCS/General Atomics ASI	28		703 AESG WPAFB OH		SS	CPFF	GCS/General Atomics ASI, Rancho Bernardo, CA	Sep-06	Aug-08	Yes	
FY 2007											
RQ-1/MQ-1/General Atomics ASI	48		703 AESG WPAFB OH		SS	FFP	RQ-1/MQ-1/General Atomics ASI, Rancho Bernardo, CA	Sep-07	May-08	Yes	
MQ-9/General Atomics ASI	12		703 AESG WPAFB OH		SS	FFP	MQ-9/General Atomics ASI, Rancho Bernardo, CA	May-07	Jun-08	Yes	
GCS/General Atomics ASI	33		703 AESG WPAFB OH		SS	CPFF	GCS/General Atomics ASI, Rancho Bernardo, CA	Sep-07	Feb-09	Yes	
MQ-1 SATCOM	6		703 AESG WPAFB OH		SS	FFP	PPSL/L-3 Comm, Salt Lake City, UT	Sep-07	Jul-09	Yes	
FY 2008											
RQ-1/MQ-1/General Atomics ASI	24		703 AESG WPAFB OH		SS	FFP	RQ-1/MQ-1/General Atomics ASI, Rancho Bernardo, CA	Mar-08	Sep-09	Yes	
GCS/General Atomics ASI	23		703 AESG		SS	CPFF	GCS/General Atomics	Dec-09	May-10	Yes	

P-1 Shopping List Item No. 24

Procurement History and Planning
Exhibit P-5A, page 4 of 22

Exhibit P-21, Production Schedule	Date: May 2009
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number Aircraft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 24	P-1 Line Item Nomenclature PREDATOR UAV
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PROCUREMENT YEAR	SERV	PROC. QTY	ACCEP. PRIOR TO 1 OCT 2011	BALANCE DUE AS OF 1 OCT 2011	FISCAL YEAR 2012												FISCAL YEAR 2013												L A T E R
					2011			CALENDAR YEAR 2012									CALENDAR YEAR 2013												
					OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
2008	USAF	23	12	11	2	3	2	1	3																		0		
2009	USAF	7	0	7				2			3	2															0		
TOTAL		30	12	18	2	3	2	1	3			3	2														0		

ITEM/MANUFACTURER'S NAME	LOCATION	PRODUCTION RATES			PROCUREMENT LEAD TIME											
		MIN SUST	SHIFT HOURS DAYS	MAX	ADMIN LEAD TIME		MFG TIME	TOTAL AFTER 1 OCT								
					PRIOR 1 OCT	AFTER 1 OCT										
GCS/General Atomics ASI	Rancho Bernardo, CA	0	24	48	6	6	14	20								
					1	1	14	15								

REMARKS
Quantity for Ground Systems includes mobile and fixed GCSs and other ground systems to include launch and recovery elements.

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Exhibit P-40, Budget Item Justification							Date: May 2009					
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number Aircraft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 25							P-1 Line Item Nomenclature MQ-9					
Program Element for Code B Items:			0205219F			Other Related Program Elements:			0305219F			
	ID Code	Prior Years	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	To Comp	Total
Proc Qty	A	33	20	14	24							91
Total Proc Cost (\$ M)		570.910	374.537	248.598	489.469							1683.514

Description

Prior year quantities are 33 which brings the quantity total to 91. Prior year funds were included in different program elements.

FY 2008 funding totals include \$313.9M of appropriated supplemental funding.

FY 2009 funding totals include \$87.6M of appropriated supplemental "Bridge" funding, but do not include \$195.9M requested for Overseas Contingency Operations.

MQ-9 Reaper procurement includes all components of the MQ-9 weapon system. The basic MQ-9 system consists of the aircraft, sensors, a control station, communications equipment, weapon kits, support equipment, simulator and training devices, initial spares, readiness spares packages (RSP), technical data/training, and personnel required to operate, maintain, and sustain the system. The system is designed to be modular and open-ended: mission-specific equipment is employed in a 'plug-and-play' mission kit concept allowing specific aircraft and control station configurations to be tailored to fit mission needs.

The MQ-9 Reaper aircraft is a single-engine, turbo-prop remotely piloted aircraft designed to operate over-the-horizon at medium-to-high altitude for long endurance sorties. The aircraft is being designed primarily to prosecute critical emerging Time-Sensitive-Targets (TSTs) as a radar, EO/IR, and laser designator -based attack asset with on-board hard-kill capability (hunter-killer) and also perform Intelligence, Surveillance, Reconnaissance and Target Acquisition (ISR TA) as a secondary role. In the hunter-killer role, the aircraft will employ fused multi-spectral sensors to automatically find, fix, and track ground targets (Automatic Target Cueing (ATC), Target Location Accuracy (TLA), Metric Sensor and other capabilities) and assess post-strike results.

The Ground Control Station (GCS) functions as the aircraft cockpit and can control the aircraft either within line-of-sight (LOS) or beyond LOS (BLOS) via a combination of satellite relay and terrestrial communications. The GCS is either mobile to support forward operating locations or fixed at a facility to support Remote Split Operations (RSO). The GCS has the capability to perform mission planning functions; provide a means for manual and/or autonomous command and control and a GCS configuration to allow control of multiple aircraft and payloads; allow personnel to launch, recover, and monitor aircraft, payloads, and system communications status; secure data links to receive payload sensor data and command links; monitor threats to the aircraft; display common operational picture information; and provide support functions. Additionally, a Launch and Recover GCS (LRGCS) allows for servicing, systems checks, maintaining, launching, and recovering aircraft under LOS control for hand-off to a mobile or fixed GCS. The GCS will continue to evolve and upgrade its capabilities to keep pace with MQ-9 system capabilities, CONOPS, and the missions they perform.

MQ-9s are procured sole-source with General Atomics-Aeronautical Systems Inc. (GA-ASI) as the prime contractor (development, production, integration, depot).

FY 2010 Program Justification

Procurement funding includes MQ-9 Reaper aircraft, sensors and weapons kits, mobile and fixed Ground Control Stations (GCS), Launch and Recovery GCS, Aircraft and Ground Communication Systems, simulators & training devices, production support, Ground Data Terminals (GDT), initial spares, Readiness Spares Packages (RSP), support equipment, and technical data/training.

Exhibit P-5, Weapon System Cost Analysis	Date: May 2009
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number Aircraft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 25	P-1 Line Item Nomenclature MQ-9

Manufacturer's Name/Plant City/State Location General Atomics ASI/Rancho Bernardo/CA	Subline Item
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Weapon System Cost Elements	Ident Code	Total Cost in Millions of Dollars											
		FY 2008			FY 2009			FY 2010			Cost to Complete		
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
MQ-9 Reaper Aircraft (1)	A	20	10.688	213.765	14	10.228	143.197	24	11.494	275.857	TBD		TBD
Production Support (2)	A			18.959			26.121			44.462	TBD		TBD
Ground Control Systems (3)	A	4		15.205			0.000	5		15.220	TBD		TBD
Communication Systems (4)	A	3		7.233	1		4.000	2		7.870	TBD		TBD
Initial Spares/Deployment Support Kits (5)	A			96.733			66.018			104.570	TBD		TBD
Support Equipment (6)	A			20.142			9.262			41.490	TBD		TBD
Training Device/Simulator	A			2.500			0.000			0.000	TBD		TBD
TOTAL PROGRAM				374.537			248.598			489.469			TBD

Comments

The quantities and associated costs listed in FY08 and FY09 include \$313.962M appropriated in FY08 Supplemental and \$87.642M appropriated in FY09 Bridge supplemental funding.

(1) MQ-9 total aircraft cost includes Multi-spectral Targeting System (MTS) sensor, Lynx Synthetic Aperture Radar (SAR) sensor, and associated Government Furnished Equipment (GFE).

(2) Production Support includes Other Government Costs (OGC), program management support, production tooling, production specific data/drawings, and urgent services.

(3) Quantity for Ground Systems includes mobile and fixed GCSs. Additionally, this line funds other ground systems to include launch and recovery elements.

(4) Quantity for Communication Systems includes Predator Primary SATCOM Link (PPSL) Systems. Additionally, this line funds other communication equipment.

(5) Initial Spares and deployment support kit costs vary based on support kit content and initial spares requirements.

(6) Support Equipment includes support equipment, technical data/training, and organic repair capability startup for the MTS laser sensor.

The MQ-9 Program will utilize a buy to budget strategy for GCS and communication systems.

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FISCAL YEAR (FY) 2010 BUDGET ESTIMATES
BUDGET ACTIVITY 06 – AIRCRAFT SPARES AND REPAIR PARTS
MAY 2009

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Exhibit P-40, Budget Item Justification						Date: May 2009					
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number Aircraft Procurement, Air Force, Budget Activity 06, Aircraft Spares and Repair Items, Item No. 68						P-1 Line Item Nomenclature Aircraft Initial Spares					

Program Element for Code B Items:		N/A			Other Related Program Elements:				N/A			
	ID Code	Prior Years	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	To Comp	Total
Proc Qty	A											0
Total Proc Cost (\$ M)			288.891	254.676	418.604							962.171

Description

FY2008 funding totals include \$34.004M in appropriated supplemental funding.

FY2010 funding totals do not include \$4.0M requested for Overseas Contingency Operations.

Program Description: Aircraft Initial Spares are required to fill the initial pipeline or inventory for all new aircraft systems, including modifications, support equipment, and other production categories. Initial spares include peculiar reparable and consumable components, assemblies, and subassemblies that must be available for issue at all levels of supply in time to support newly fielded end items.

Initial spares are funded in the two program segments described below.

Working Capital Fund (WCF) Spares. Since FY94 the primary means to purchase initial spares is using obligation authority in the WCF. When the spares are delivered this central procurement account will reimburse the WCF. Types of spares in this program segment are Readiness Spares Packages, New Acquisition Spares, Modification Spares, Support Equipment, Other Production, and Consumables.

Exempt Spares. This program segment finances spares that are not purchased through the WCF. The budget authority is a direct cite on the contract. Types of spares in this program segment are Whole Spare Engines, Whole Spare Quick Engine Change Kits, Contractor Logistics Support, Simulators/Trainers, Classified Equipment, and Munitions.

FY 2010 Program Justification

In FY09 the F-35 program continues to ramp up in preparation for fielding. Other initial spares programs with large requirements include CV-22, RC-135S, and E-8C.

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Exhibit P-5, Weapon System Cost Analysis	Date: May 2009
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number Aircraft Procurement, Air Force, Budget Activity 06, Aircraft Spares and Repair Items, Item No. 68	P-1 Line Item Nomenclature Aircraft Initial Spares

Manufacturer's Name/Plant City/State Location	Subline Item

Weapon System Cost Elements	Ident Code	Total Cost in Millions of Dollars											
		FY 2008			FY 2009			FY 2010			Cost to Complete		
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
INITIAL SPARES (Budget Program 16)				288.891			254.676			418.604			
TOTAL PROGRAM				288.891			254.676			418.604			

Comments

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Exhibit P-18A, Initial Spare Funding Summary	Date: May 2009
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number Aircraft Procurement, Air Force, Budget Activity 06, Aircraft Spares and Repair Items, Item No. 68	P-1 Line Item Nomenclature Aircraft Initial Spares

Initial Spare Funding Summary Initial Spare Funding Summary				
<u>P-1 LINE</u>	<u>END ITEM NOMENCLATURE</u>	<u>FY 2008</u>	<u>FY 2009</u>	<u>FY 2010</u>
1	B-52 Squadrons	0.039	0.063	8.487
2	B-1B Squadrons	4.206	2.508	9.915
3	B-2 Squadrons	1.249	0.828	0.000
4	F-15A/B/C/D Squadrons	0.000	1.240	1.685
5	A-10 Squadrons	2.863	0.324	0.666
6	F-16 Squadrons	3.638	13.241	6.767
7	F-15E Squadrons	1.473	0.995	0.196
8	F-22A Squad	5.072	5.829	7.373
9	Joint Strike Fighter Squadrons	69.756	60.930	129.710
11	Combat Rescue and Recovery (HH-60G)	0.228	0.744	1.616
12	Precision Attack Systems (Other)	8.203	7.078	2.789
13	COMPASS CALL	14.238	12.407	15.922
14	Airborne Warning and Control System (AWACS)	5.875	6.287	10.785
15	Combat Training Range Equipment	1.336	1.277	1.633
16	JOINT STARS (E-8C)	1.232	8.910	20.903
17	Full Combat Mission Training	6.472	1.934	5.776
18	Combat Development	0.087	0.135	0.136
19	E-4B National Airborne Operations Center (NAOC)	6.926	1.884	2.379
21	Aerial Targets (Target Drones)	0.472	0.517	0.523
22	Manned Reconnaissance System (RC-135S)	23.300	35.996	43.823
23	C-130 Airlift Squadrons	11.003	19.406	3.032
24	KC-135 Airborne Broadcast Intelligence (ABI)	4.251	14.375	7.070
25	VC-25A (Operational Support Airlift)	0.353	0.548	0.552
26	CV-22 Osprey	109.663	41.185	123.737
28	C-130 TACTICAL ALFT SQDNS (ANG)	0.003	0.003	
31	Fighter Tactical Data Link	0.000	0.000	0.000
32	JPATS, (T-6)	0.000	15.954	2.515
32	T-43 Mods	0.000	0.058	
34	Improved Brake System Program (IBSP)	0.000	0.020	1.282
35	GLOBAL HAWK	6.953	0.000	0.000
36	T-41 Mods	0.000	0.000	0.295
52	MC-12W	0.000	0.000	9.037
	TOTAL INITIAL SPARES	288.891	254.676	418.604

Initial Spare Funding Summary
Exhibit P-18A, page 1 of 4

Exhibit P-18A, Initial Spare Funding		Date: May 2009		
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number Aircraft Procurement, Air Force, Budget Activity 06, Aircraft Spares and Repair Items, Item No. 68		P-1 Line Item Nomenclature Aircraft Initial Spares		

Initial Spare Funding	<u>Initial Spare Funding</u>			
<u>P-1 LINE</u>	<u>END ITEM NOMENCLATURE</u>	<u>FY 2008</u>	<u>FY 2009</u>	<u>FY 2010</u>
	WCF SPARES	104.654	68.306	102.189
	EXEMPT SPARES	184.237	186.370	316.415
	TOTAL INITIAL SPARES	288.891	254.676	418.604

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FISCAL YEAR (FY) 2010 BUDGET ESTIMATES
BUDGET ACTIVITY 07 – AIRCRAFT SUPPORT EQUIPMENT AND FACILITIES
MAY 2009

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FISCAL YEAR (FY) 2010 BUDGET ESTIMATES

BP 12 – APAF/AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT (O&I)

MAY 2009

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	DATE: MAY 2009
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APPROP CODE/BA: APAF/AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT (O&I)	P-1 NOMENCLATURE: AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT (OVERVIEW)
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	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	FY2015
QUANTITY								
COST (in Thousands)	\$192,322	\$104,575	\$105,820					

Description:
 FY2008 funding totals include \$92.152M in supplemental funding recieved in the Consolidated Appropriations Act, 2008 .

This program provides funding for the procurement of replacement organizational and intermediate level support equipment for out-of-production aircraft. These items, common (used on more than one weapon system) and peculiar (unique to one weapon system), directly support aircraft maintenance and servicing requirements. These replacement requirements ensure continuation of serviceable, supportable equipment over the life of a weapon system. Items requiring replacement typically range in age from 10 to 35 years old. As a result, this equipment suffers frequent failures, is uneconomical to repair, and requires spare parts that are no longer available. Many items have become technologically obsolete or must be replaced due to environmental operating constraints. Items of equipment budgeted within this program include: avionics test stations, air conditioners, munitions handling equipment, electronic test sets, maintenance platforms, and automatic test systems. These items support multiple Air Force weapon systems. Failure to procure these items will negatively affect mission capable rates, increase maintenance costs, and increase sortie turn times.

Projected Allocations for Reserve Component Requirements (subject to Total Force demand and priority)

	\$K	FY2008	FY2009	FY2010
ANG:		\$6.027	\$2.169	\$12.735
Reserve:		\$.292	\$0.0	\$0.0

Items requested in FY10 are identified on the following P-40A and are representative of items being procured. Items procured during execution may change based on critical equipment needed to support current Air Force mission requirements.

	P-1 ITEM NO 69		PAGE NO: 7 - 1	Page 1 of 1
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BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P-40A)

DATE: MAY 2009

APPROP CODE/BA:

APAF/AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT (O&I)

P-1 NOMENCLATURE:

AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT (OVERVIEW)

PROCUREMENT ITEMS	ID CODE	FY2008		FY2009		FY2010		FY2011	
		QTY.	COST	QTY.	COST	QTY.	COST	QTY.	COST
AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT (OVERVIEW)									
C-5 ISOCHRONIC MAINTENANCE PLATFORM	A	1	\$14,772	1	\$9,972	1	\$10,670		
225KW GENERATOR SET (2)	A			2	\$1,374				
ITEMS LESS THAN 5 MILLION DOLLARS	A		\$58,024		\$23,337		\$53,502		
ATS PROGRAM MANAGEMENT									
ADVANCED DIGITAL TEST STATION	A		\$23,163		\$21,495		\$16,751		
BORESIGHT SYSTEM	A	8	\$8,275	1	\$11,660				
WIRING ANALYZERS (1)	A		\$15,094						
USM 670 CORE TEST SET (CTS)	A	4	\$1,721			9	\$3,820		
COMMON VERSATILE AUTOMATIC TESTER PROGRAM (1)	A		\$28,890		\$9,151		\$12,363		
FLIGHT CONTROL TEST SET (FLCTS)	A	22	\$7,371	14	\$4,723				
STORES SYSTEM TESTER (SST) - ORGANIZATION LEVEL	A	69	\$18,316	48	\$15,412	14	\$4,251		
STORES SYSTEM TESTER (SST) - INTERMEDIATE LEVEL	A	48	\$16,696	17	\$7,451				
STORES MGMT TEST SET PROGRAM	A					11	\$4,463		

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BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P-40A)	DATE: MAY 2009
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APPROP CODE/BA: APAF/AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT (O&I)	P-1 NOMENCLATURE: AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT (OVERVIEW)
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PROCUREMENT ITEMS	ID CODE	FY2008		FY2009		FY2010		FY2011	
		QTY.	COST	QTY.	COST	QTY.	COST	QTY.	COST
TOTALS:		152	\$192,322	83	\$104,575	35	\$105,820		

Remarks:
 Cost information is in thousands of dollars.

(1) Procurement item was included in the Air Force Automatic Test Systems (ATS) family of testers FY2008 supplemental funding request.
 (2) Procurement item submitted in the FY09 PB under Items Less Than \$5M.

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	DATE: MAY 2009
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APPROP CODE/BA: APAF/AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT (O&I)	P-1 NOMENCLATURE: C-5 ISOCHRONAL MAINTENANCE STAND
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	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	FY2015
QUANTITY								
COST (in Thousands)	\$14,772	\$9,972	\$10,670					

Description:
 The C-5 Isochronal Maintenance Stand is designed to provide access to all engine, fuselage and wing maintenance areas and inspection doors of the C-5 aircraft. This equipment consists of 40 mobile platforms, 16 portable step stands, a tow bar for use in towing large stands, four pylon ladders and eight deck pullout tools. With the upgrades of the C-5B models the new stands will have to support both the new GE CF6 80C2 engine as well as the TF39 engine.

The existing platforms are utilized by Aircraft Generation Squadrons (AGS), Equipment Maintenance Squadrons (EMS), and Component Repair Squadrons (CRS). Current Isochronal Maintenance Stands are heavily over-tasked due to the limited number assigned to AF installations. The non-availability of these stands affects timely maintenance completion, mission capable rates and departure reliability rates. The current stands were built prior to the implementation of Occupational Safety and Health Administration (OSHA) safety regulations and are in a seriously deteriorated state posing structural hazards. The C-5 Isochronal Maintenance Stands permit aircraft maintenance technicians to maintain the C-5 aircraft in support of Strategic Airlift Capability.

Projected Allocations for Reserve Component Requirements (Subject to Total Force demand and priority).

\$K	FY 2008	FY 2009	FY2010
ANG	--	--	\$10,670
Reserve:	--	--	--

Items requested in FY10 are identified on the P-5 and are representative of items to be procured. Items procured during execution may change based on critical equipment needed to support current Air Force mission requirements.

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WEAPON SYSTEM COST ANALYSIS (EXHIBIT P-5)	DATE: MAY 2009
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APPROP CODE/BA: APAF/AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT (O&I)	P-1 NOMENCLATURE: C-5 ISOCHRONAL MAINTENANCE STAND
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WEAPON SYSTEM COST ELEMENTS	ID CODE	FY2008			FY2009			FY2010			FY2011		
		QTY	Unit Cost	TOTAL COST									
C-5 ISOCHRONAL MAINTENANCE STAND	A	1	\$9,708,000	{\$9,708}	1	\$9,972,000	{\$9,972}	1	\$10,670,000	{\$10,670}			
ACTIVE		1	\$9,708,000	\$9,708	1	\$9,972,000	\$9,972						
ANG								1	\$10,670,000	\$10,670			
RESERVE													
DATA				\$2,500									
FIRST ARTICLE TEST				\$2,564									
TOTALS:		1		\$14,772	1		\$9,972	1		\$10,670			

Remarks:
 Total Cost information is in thousands of dollars.

Projected Allocations for Reserve Component Requirements (Subject to Total Force demand and priority).

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BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)							DATE: MAY 2009			
APPROP CODE/BA: APAF/AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT (O&I)				P-1 NOMENCLATURE: C-5 ISOCHRONAL MAINTENANCE STAND						
ITEM NAME/ FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL	
C-5 ISO CHRONO MAINTENANCE STAND										
FY2008(1)	1	\$9,708,000	AFMC/WR-ALC	C/FFP W/OPT	KERN STEEL/ BAKERSFIELD, CA	Jun-08	Feb-09			
FY2009(1)	1	\$9,972,000	AFMC/WR-ALC	OPT/FFP	KERN STEEL/ BAKERSFIELD, CA	Apr-09	Dec-09			
FY2010(1)	1	\$10,670,000	AFMC/WR-ALC	OPT/FFP	KERN STEEL/ BAKERSFIELD, CA	Apr-10	Dec-10	Yes		
<p>Remarks: Cost information is in actual dollars.</p> <p>(1) Basic contract FA8533-08-C-0004 w/3 opt yrs awarded June 2008. Contract expires 19 June 2011.</p>										
			P-1 ITEM NO 69			PAGE NO: 7 - 6	Page 1 of 1			

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)							DATE: MAY 2009	
APPROP CODE/BA: APAF/AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT (O&I)				P-1 NOMENCLATURE: 225KW GENERATOR SET				
	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	FY2015
QUANTITY								
COST (in Thousands)	\$0	\$1,374	\$0					
<p>Description:</p> <p>This 225KW, 400 HZ, Diesel-Driven Generator Set, provides ground power during maintenance and pre-flight checks. The generator supports the E-3B/C Airborne Warning and Control System (AWACS), EC-18A/D Advanced Range Instrumentation Aircraft (ARIA), EC130H, E-8C, and E4B Aircraft.</p> <p>The aircraft will have to run its jet engines to provide power without the 225KW Diesel Engine Driven Generator. This would shorten the life of the jet engines, burn a large amount of jet fuel, and add additional maintenance costs to the aircraft. In addition Battle Field, Air Operations and Surveillance activities would be affected. This generator supports the Global War on Terror, Operation Iraqi Freedom, NATO forces, and any event requiring coordination between land, air, and sea operations for all services and foreign allies.</p>								
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WEAPON SYSTEM COST ANALYSIS (EXHIBIT P-5)	DATE: MAY 2009
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APPROP CODE/BA: APAF/AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT (O&I)	P-1 NOMENCLATURE: 225KW GENERATOR SET
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WEAPON SYSTEM COST ELEMENTS	ID CODE	FY2008			FY2009			FY2010			FY2011		
		QTY	Unit Cost	TOTAL COST									
0001 IL \$5M (225KW GENERATOR SET)	A				2	\$275,000	(\$550)						
ACTIVE					2	\$275,000	\$550						
ANG													
RESERVE													
1ST FIRST ARTICLE							\$824						
TOTALS:					2		\$1,374						

Remarks:
 Total Cost information is in thousands of dollars.

Projected Allocations for Reserve Component Requirements (Subject to Total Force demand and priority)

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BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)							DATE: MAY 2009			
APPROP CODE/BA: APAF/AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT (O&I)				P-1 NOMENCLATURE: 225KW GENERATOR SET						
ITEM NAME/ FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL	
0001 IL \$5M (225KW GENERATOR SET)										
FY2009(1)	2	\$275,000	AFMC/WR-ALC	C/FFP W/OPT	UNKNOWN	Aug-09	Aug-11	Yes		
<p>Remarks: Cost information is in actual dollars.</p> <p>FY09 First Article Acceptance is August 2011</p> <p>(1) FY09 will be a competitive contract with a 2 yr basic and 4 option years with first article acceptance in August 2011</p>										
			P-1 ITEM NO 69			PAGE NO: 7 - 10				Page 1 of 1

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)							DATE: MAY 2009	
APPROP CODE/BA: APAF/AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT (O&I)				P-1 NOMENCLATURE: ITEMS LESS THAN \$5 MILLION				
	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	FY2015
QUANTITY								
COST (in Thousands)	\$58,024	\$23,337	\$53,502					
<p>Description:</p> <p>FY2008 funding totals include \$41.752M in supplemental funding recieved in the Consolidated Appropriations Act, 2008 .</p> <p>The Items Less Than \$5 Million line procures replacement organizational and intermediate (common and peculiar) support equipment for out-of-production aircraft. Common items (used on more than one weapon system) and peculiar items (unique to one weapon system) directly support aircraft maintenance and servicing requirements. These replacement items ensure continuation of serviceable equipment over the life of a weapon system, and consist of over 2,800 national stock numbered (NSN) items as well as numerous items which are non-stock listed (NSL).</p> <p>Items requested in FY10 are identified on the following P-40A-IL and are representative of items being procured. Items procured during execution may change based on critical equipment needed to support current Air Force mission requirements.</p>								
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BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P-40A-IL)	DATE: MAY 2009
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APPROP CODE/BA: APAF/AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT (O&I)	P-1 NOMENCLATURE: ITEMS LESS THAN \$5 MILLION
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PROCUREMENT ITEMS	NSN	FY2010		FY2011	
		QTY.	COST	QTY.	COST
MAJOR PROCUREMENTS					
RADIO FREQUENCY TRANSMITTER LINE TEST STATION (RFTLTS)	6625013991757RH	2	\$1,815		
30 MM AMMUNITION LOADER GFU 7	1730010648482	3	\$3,966		
TEST SET, TRANSPONDER	6625014837194KV	140	\$1,733		
COMMON AIRCRAFT PORTABLE REPROGRAMMING EQUIPMENT	6625014569083		\$1,045		
MINOR PROCUREMENTS (GROUPED BY FSC)					
FSC 1450 GUIDED MISSILE HANDLING & SERVICING EQP		4	\$7,255		
FSC 1560 AIRCRAFT STRUCTURAL COMPONENTS		9	\$4,019		
FSC 1730 AIRCRAFT GROUND SERVICING EQUIPMENT		21	\$4,850		
FSC 2835 GAS TURB & JET ENGINES, ACFT & COMP		12	\$4,830		
FSC 3655 GAS GENERATING AND DISPENSING SYSTEMS		5	\$1,227		
FSC 3950 WINCHES, HOISTS, CRANES AND DERRICKS		5	\$1,289		
FSC 4120 AIR CONDITIONING EQUIPMENT		4	\$1,604		

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BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P-40A-IL)	DATE: MAY 2009
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APPROP CODE/BA: APAF/AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT (O&I)	P-1 NOMENCLATURE: ITEMS LESS THAN \$5 MILLION
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PROCUREMENT ITEMS	NSN	FY2010		FY2011	
		QTY.	COST	QTY.	COST
FSC 4130 REFRIGERATION & AIR COND COMPONENTS		15	\$1,214		
FSC 4920 AIRCRAFT MAINT SHOP SPECIALIZED EQP		22	\$4,943		
FSC 4930 LUBRICATION & DISPENSING EQUIPMENT		2	\$1,029		
FSC 4940 MISC MAINTENANCE & SHOP SPECIALIZED EQP		20	\$1,792		
FSC 5180 SETS, KITS, & OUTFITS OF HAND TOOLS		4	\$899		
FSC 5220 INSEPCTION GAGES & PRECISION LAYOUT TOOL		4	\$1,326		
FSC 6130 RECTIFYING EQUIPMENT, ELECTRICAL		3	\$1,000		
FSC 6150 MISC ELECT POWER & DISTRIBUTION EQUIP		3	\$826		
FSC 6625 ELECT & ELCTRONIC PROPERTIES INSTRUMENT		120	\$4,652		
FSC 6635 PHYSICAL PROPERTIES TESTING EQUIP		15	\$785		
FSC 6685 PRESSURE, TEMP & HUMIDITY INSTRUMENTS		2	\$485		
FSC 6695 COMBINATION & MISCELLANEOUS INSTRUMENTS		16	\$919		
TOTALS:			\$53,502		

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BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P-40A-IL)	DATE: MAY 2009
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APPROP CODE/BA: APAF/AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT (O&I)	P-1 NOMENCLATURE: ITEMS LESS THAN \$5 MILLION
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PROCUREMENT ITEMS	NSN	FY2010		FY2011	
		QTY.	COST	QTY.	COST

Remarks:
Cost information is in thousands of dollars.

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)							DATE: MAY 2009	
APPROP CODE/BA: APAF/AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT (O&I)				P-1 NOMENCLATURE: ADVANCED DIGITAL TEST STATION				
	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	FY2015
QUANTITY								
COST (in Thousands)	\$23,163	\$21,495	\$16,751					
<p>Description:</p> <p>FY2008 funding totals include \$4.000M in supplemental funding recieved in the Consolidated Appropriations Act, 2008</p> <p>The Advanced Digital Test Station (ADTS) is a single Commercial Off The Shelf (COTS) system that replaces 1970s vintage Digital Analog Video and Digital Radar Electronic Warfare Test Systems and Test Sets. ADTS is fully automated, programmable, stimulus generating, response measuring, intermediate automatic test equipment that will checkout, align, and fault isolate 134 avionics Line Replaceable Units (LRUs). ADTS interfaces to LRUs via Test Program Sets (TPSs). TPSs are required to perform the automated testing and fault isolation of the Unit Under Test (UUT). A TPS consists of test software, an interface test adapter (ITA), cables used to connect the ITA to the UUT, and supporting documentation.</p> <p>This test station supports B-1 avionics LRUs, and ultimately impacts B-1 mission capability for Global Attack missions. The automatic test equipment (ATE) presently supporting B-1 LRU/Shop Replaceable Unit (SRU) troubleshooting and repair is no longer supportable due to diminished manufacturing sources and obsolescence caused by age of the equipment.</p> <p>The Integrated Life Cycle Management (ILCM) executive agent for Automatic Test Systems (ATS) is focused on reducing weapon system unique ATS through replacement with a Common Versatile ATS tester that can perform similar test across multiple weapons platforms. The ATC Program Management Office also ensure collaborative requirements planning on new ATS fielding to reduce proliferation of new weapon system unique ATS. The ATS requirements described in this document were evaluated/approved by the ATS PMO and are inline with the USAF ATS objective.</p> <p>Items requested in FY10 are identified on the following P-5 and are representative of items to be procured. Items procured during execution may change based on critical equipment needed to support current Air Force mission requirements.</p>								
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WEAPON SYSTEM COST ANALYSIS (EXHIBIT P-5)	DATE: MAY 2009
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APPROP CODE/BA: APAF/AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT (O&I)	P-1 NOMENCLATURE: ADVANCED DIGITAL TEST STATION
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WEAPON SYSTEM COST ELEMENTS	ID CODE	FY2008			FY2009			FY2010			FY2011		
		QTY	Unit Cost	TOTAL COST									
PRODUCT SUPPORT AGREEMENT (1)				\$4,700									
TEST PROGRAM SET REHOST				\$18,463			\$21,495			\$16,751			
TOTALS:				\$23,163			\$21,495			\$16,751			

Remarks:
Total Cost information is in thousands of dollars.

(1) Interface test adapter (ITA) adapts test program sets to new advanced digital test station (ADTS).

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)							DATE: MAY 2009	
APPROP CODE/BA: APAF/AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT (O&I)				P-1 NOMENCLATURE: BORESIGHT SYSTEM				
	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	FY2015
QUANTITY								
COST (in Thousands)	\$8,275	\$11,660	\$0					
<p>Description:</p> <p>Boresighting is used to harmonize/boresight and align aircraft navigation and weapon systems. Boresight procedures on aircraft are performed to verify and calibrate the critical weapons' systems used by the pilot and aircraft avionics. The basic boresight requirement of providing accurate aircraft sensors, navigation systems, radar, pilot display, munitions, and Angle of Attack probes, ensure accurate delivery of ordnance on targets. Aircraft specific adapter kits, i.e. Radar, Heads Up Display (HUD) Internal Navigation Unit (INU) Joint Helmet Mounted Cueing System (JHMCS) Cockpit Mapping Robot and Low-Altitude Navigation and Targeting Infrared for Night (Lantirn) pods are used for positioning the weapons system mounts to determine the flight worthiness.</p> <p>Program entails the acquisition of a “common multiplatform” boresight system which advances the core competencies of rapid global mobility, precision engagement, and agile combat support by providing a faster, simpler method of boresighting weapon and sensor systems on multiple aircraft platforms. The current boresight legacy equipment is to be replaced with a system which should share common core capabilities with the ability to reconfigure across different Mission Design Series (MDS) with weapon specific station adapters and/or software. The replacement boresight system will be cutting edge technology with an eye on commonality and interoperability across Services to reduce logistics footprint and support/sustainment costs. A new system would improve combat effectiveness, reduce maintenance workload (both time and personnel), and minimize logistics footprint, all for a significantly lower life-cycle cost than existing systems.</p>								
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WEAPON SYSTEM COST ANALYSIS (EXHIBIT P-5)	DATE: MAY 2009
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APPROP CODE/BA: APAF/AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT (O&I)	P-1 NOMENCLATURE: BORESIGHT SYSTEM
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WEAPON SYSTEM COST ELEMENTS	ID CODE	FY2008			FY2009			FY2010			FY2011		
		QTY	Unit Cost	TOTAL COST									
F-16 ADAPTERS SET (DRS)	A	2	\$702,000	\$1,404									
DATA				\$70									
BORESIGHT SYSTEM	A	6	\$796,500	\$4,779									
DATA				\$2,022									
COMMON MEASUREMENT SYSTEM F-15	A				1	\$660,000	\$660						
DATA							\$11,000						
TOTALS:				\$8,275			\$11,660						

Remarks:
Total Cost information is in thousands of dollars.

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BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)							DATE: MAY 2009			
APPROP CODE/BA: APAF/AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT (O&I)				P-1 NOMENCLATURE: BORESIGHT SYSTEM						
ITEM NAME/ FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL	
F-16 ADAPTERS SET (DRS)										
FY2008	2	\$702,000	AFMC/WR-ALC	SS/FP	DRSTECHNOLOGIES/ OAKLAND, NJ	Jul-08	Jul-09			
BORESIGHT SYSTEM										
FY2008	6	\$796,500	AFMC/WR-ALC	C/FP	UNKNOWN	Jun-09	Feb-10	Yes		
COMMON MEASUREMENT SYSTEM F-15										
FY2009	1	\$660,000	AFMC/WR-ALC	C/FFP W/OPT	UNKNOWN	Aug-09	Feb-11	Yes		
Remarks: Cost information is in actual dollars.										
			P-1 ITEM NO 69				PAGE NO: 7 - 19	Page 1 of 1		

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	DATE: MAY 2009
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APPROP CODE/BA: APAF/AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT (O&I)	P-1 NOMENCLATURE: ELECTRONIC TEST SET, WIRE ANALYZER
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	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	FY2015
QUANTITY								
COST (in Thousands)	\$15,094	\$0	\$0					

Description:
 FY2008 funding totals include \$15.094M in supplemental funding received in the Consolidated Appropriations Act, 2008

The automated aircraft wire analyzer (AWTS) has Joint Service use with the Navy for the war fighter needs. The analyzers are automated testers that provide operational units with “system level” testing of complex wiring harness instead of the current single point method. The AWTS provide a parametric, automated, data collection ability that will allow aircraft maintainers to employ performance analysis techniques needed to troubleshoot aging aircraft.

Aging aircraft are experiencing increased “system level” wiring anomalies that are directly affecting Mission Capability rates, especially for the A-10 and F-16 platform. Without the AWTS, aircraft maintainers will continue troubleshooting wire anomalies using the digital multi-meter conventional manual “pin-to-pin” single step process which can take several hours to several days. This approach makes it impossible to develop a cost effective, proactive approach towards maintaining aircraft electrical systems.

The Integrated Life Cycle Management (ILCM) executive agent for Automatic Test Systems (ATS) is focused on reducing weapon system unique ATS through replacement with a Common Versatile ATS tester that can perform similar test across multiple weapons platforms. The ATS Program Management Office also ensure collaborative requirements planning on new ATS fielding to reduce proliferation of new weapon system unique ATS. The ATS requirements described in this document were evaluated/approved by the ATS PMO and are inline with the USAF ATS objective.

Project Allocations for Reserve Component Requirements (Subject to Total Force demand and priority)

\$K	FY2008	FY2009	FY2010
ANG:	\$2,681	\$--	\$--
Reserve:	\$0.292	\$--	\$--

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WEAPON SYSTEM COST ANALYSIS (EXHIBIT P-5)	DATE: MAY 2009
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APPROP CODE/BA: APAF/AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT (O&I)	P-1 NOMENCLATURE: ELECTRONIC TEST SET, WIRE ANALYZER
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WEAPON SYSTEM COST ELEMENTS	ID CODE	FY2008			FY2009			FY2010			FY2011		
		QTY	Unit Cost	TOTAL COST									
WIRE ANALYZER	A	75	\$48,749	{\$3,656}									
ACTIVE		14	\$48,749	\$682									
ANG		55	\$48,749	\$2,681									
RESERVE		6	\$48,749	\$292									
TEST PROGRAM SETS (TPS)				\$3,988									
INTERFACE TEST ADAPTER (ITA)				\$7,450									
TOTALS:		75		\$15,094									

Remarks:
Total Cost information is in thousands of dollars.

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BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)							DATE: MAY 2009			
APPROP CODE/BA: APAF/AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT (O&I)				P-1 NOMENCLATURE: ELECTRONIC TEST SET, WIRE ANALYZER						
ITEM NAME/ FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL	
WIRE ANALYZER										
FY2008(1)	75	\$48,749	AFMC/WR-ALC	MIPR/IDIQ	NAVY/ECLYPSE INTERNATIONAL CORPORATION/CORONA, CA	Sep-09	Apr-11	Yes		
<p>Remarks: Cost information is in actual dollars.</p> <p>(1) The basic contract, N68335-08-D-0009, is an indefinite quantity type contract with five year options, expires Jan. 27, 2013.</p>										
		P-1 ITEM NO 69			PAGE NO: 7 - 22					Page 1 of 1

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	DATE: MAY 2009
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APPROP CODE/BA: APAF/AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT (O&I)	P-1 NOMENCLATURE: IL \$5M (USM670 CORE TEST SET-CTS)
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	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	FY2015
QUANTITY								
COST (in Thousands)	\$1,721	\$0	\$3,820					

Description:
 The Joint Service Electronic Combat Systems Tester (JSECST) provides an organizational level (O-level) flight line capability for verifying the operational status of aircraft-installed electronic combat (EC) systems including their associated installed antennas, transmission lines, radomes, cockpit displays, controls and EC suite communication buses. It also provides EC system malfunction diagnostics. The JSECST provides end-to-end (ETE) functional testing to determine the status of EC systems installed in or on operation aircraft. It automatically determines the go/no-go status of the EC system with minimal technician interaction. In cases where the EC system has a critical fault, the JSECST detects the critical failure, identifies the ETE test that failed, and provides the diagnostics to isolate the failed aircraft transmission line path/component or line replaceable unit (LRU). The JSECST can be operated in automatic or manual mode to provide identification and isolation of failed EC systems. This equipment support Air Force weapon systems A-10, F-15, and F-16 aircraft. Failure to procure this item would compromise the safety or more than 14 units supporting A-10s, F-15s, and F-16s. The JSECST is a defensive system tester, equipping the war fighter with safe and fully functional electronic combat systems.

Items requested in FY10 are identified on the following P-5 and are representative of items to be procured. Items procured during execution may change based on critical equipment needed to support current Air Force mission requirements.

Projected Allocations for Reserve Component Requirements (Subject to Total Force demand and priority)

\$K	FY2008	FY2009	FY2010	
ANG:	\$--	\$--	\$0.849	
AFR:	\$--	\$--	\$--	

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WEAPON SYSTEM COST ANALYSIS (EXHIBIT P-5)	DATE: MAY 2009
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APPROP CODE/BA: APAF/AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT (O&I)	P-1 NOMENCLATURE: IL \$5M (USM670 CORE TEST SET-CTS)
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WEAPON SYSTEM COST ELEMENTS	ID CODE	FY2008			FY2009			FY2010			FY2011		
		QTY	Unit Cost	TOTAL COST									
USM670 CORE TEST SET (CTS)	A	4	\$430,250	{\$1,721}				9	\$424,444	{\$3,820}			
ACTIVE		4	\$430,250	\$1,721				7	\$424,444	\$2,971			
ANG								2	\$424,444	\$849			
AFR													
TOTALS:		4		\$1,721				9		\$3,820			

Remarks:
 Total Cost information is in thousands of dollars.

 Projected Allocations for Reserve Component Requirements (Subject to Total Force demand and priority)

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BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)							DATE: MAY 2009			
APPROP CODE/BA: APAF/AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT (O&I)				P-1 NOMENCLATURE: IL \$5M (USM670 CORE TEST SET-CTS)						
ITEM NAME/ FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL	
USM670 CORE TEST SET (CTS)										
FY2008	4	\$430,250	AFMC/WR-ALC	OPT/FFP	AAI CORP/HUNT VALLEY, MD	May-09	Nov-10	Yes		
FY2010	9	\$424,444	AFMC/WR-ALC	OPT/FFP	AAI CORP/HUNT VALLEY, MD	Dec-09	Jun-11	Yes		
Remarks: Cost information is in actual dollars. Basic contract FA8540-08-D-0002 w/4 option years awarded 17 Apr 08.										
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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	DATE: MAY 2009
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APPROP CODE/BA: APAF/AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT (O&I)	P-1 NOMENCLATURE: VERSATILE DEPOT AUTOMATIC TEST STATION (VDATS)
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	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	FY2015
QUANTITY								
COST (in Thousands)	\$28,890	\$9,151	\$12,363					

Description:
 FY2008 funding totals include \$22.266M in supplemental funding received in the Consolidated Appropriations Act, 2008

Versatile Depot Automatic Test Station (VDATS) is a tester that is used for maintenance and testing of advance avionics components that supports multiple aircraft platforms and systems. Initially, VDATS was developed to reduce Automatic Test Systems (ATS) proliferation by standardizing depot avionics test stations. VDATS has been named the first Air Force Family of testers. As a family of testers which standardized ATS support within the Air Force, VDATS now supports intermediate level ATS requirements.

VDATS has flexible hardware and software architectures that are fully expandable and tailorable. VDATS provides workload transportability and increased sustainability through common commercial components with latest technologies and open architecture design. The system has a Commercial off The Shelf (COTS) System of Automatic Test Equipment (ATE), with architecture and Virtual Modular Equipment (VME) Extensions for Instrumentation (VXI) technology. Using standardized commercial components on VDATS reduces the number of diverse components which eases sustainability and obsolescence management allowing production units to run on any VDATS of the same configuration utilizing interface test adapters and test program sets.

The equipment within the VDATS family of tester is the Digital Analog, Radio Frequency and Calibration Equipment.

VDATS Digital Analog (DA-1) is the standard configuration. It includes the Cross Point Matrix (CPM) which provides a true hybrid test capability to the Test Program Set (TPS) developer and provides the switching technology required to connect any digital pin on VDATS to the appropriate analog instrumentation without additional ITA complexity.

VDATS Digital Analog (DA-2) is the standard DA-1 configuration with additional Hybrid/Digital pins.

VDATS Radio Frequency (RF-1) is used to test systems with RF requirements and will work with either DA configuration. The RF-1 is not stand-alone.

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)			DATE: MAY 2009		
APPROP CODE/BA: APAF/AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT (O&I)		P-1 NOMENCLATURE: VERSATILE DEPOT AUTOMATIC TEST STATION (VDATS)			
Description (continued): VDATS Calibration Equipment requirement consists of the standard Portable Automatic Test Equipment Calibrator with unique augmentation and self-test. VDATS Calibration Equipment augmentation has commercial type components. VDATS Tech Refresh will support updates to the VDATS System Integration Laboratory (SIL) requirements. This effort will consist of future instruments updates, Interface Test Adapters (ITAs), testing, technical data, and overall station software support. Station software includes all applications necessary for complete station operations with all associated drivers and ADE. As additional unit under test (UUT) requirements are identified, the SIL will provide a means to verify suggested instrument modifications to the VDATS configurations. Instrument requirements over and above the current VDATS configuration will be tested and approval to ensure commonality among customers. This would include, but not be limited to, the current digital and radio-frequency (RF) test capability and any future capability enhancements deemed necessary to support future test requirements, as well as, any other sub-system or instrumentation that will contribute to the continuous overall functionality of the VDATS as a family of testers. VDATS Program Management Authority (PMA) requirement will assist the VDATS program office in travel and other efforts as deemed necessary. VDATS Performance Based Acquisition (PBA) requirement supports current and future systems. This requirement will serve as an interim support for sustainment capabilities and data collection leading to a long term performance based logistics contract. The PBA will provide a means to ensure the operational availability and reliability of the VDATS. The scope of the PBA will include efforts related to the development, modification, enhancement and sustainment of the VDATS system capability to include any sub-systems or instrumentation currently or subsequently integrated into the VDATS architecture, build to print, for the operation of VDATS as a completely re configurable test system. The VDATS requirements are to support system repairs, testing and development of test program set (TPS). Modern combat missions rely on rapid repair of the Unit Under Test (UUT). Without VDATS, testing and repair of system assets will be hampered. Therefore, aircraft mission capabilities rates are degraded, rapid response to combat mission is impeded and risk of mission failure and possible loss of aircraft substantially increases. The Integrated Life Cycle Management (ILCM) Executive Agent for Automatic Test Systems (ATS) is focused on reducing weapon system unique ATS through replacement with a Common Versatile ATS tester that can perform test across multiple weapons platforms. The ATS Program Management Office also ensures collaborative requirements planning on new ATS fielding to reduce proliferation of new weapon system unique ATS. The ATS requirements described in this document were evaluated/approved by the ATS PMO and are inline with ATS PMO objectives.					
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WEAPON SYSTEM COST ANALYSIS (EXHIBIT P-5)	DATE: MAY 2009
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APPROP CODE/BA: APAF/AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT (O&I)	P-1 NOMENCLATURE: VERSATILE DEPOT AUTOMATIC TEST STATION (VDATS)
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WEAPON SYSTEM COST ELEMENTS	ID CODE	FY2008			FY2009			FY2010			FY2011		
		QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST
VDATS DA-1 4920-01-553-0693KV	A	5	\$1,114,201	\$5,571	3	\$900,000	\$2,700	2	\$900,000	\$1,800			
VDATS DA-2 4920-01-553-1534KV	A	11	\$1,212,636	\$13,339	3	\$1,500,000	\$4,500	4	\$1,500,000	\$6,000			
VDATS RF-1 4920-01-553-1535KV	A	8	\$656,125	\$5,249	3	\$500,000	\$1,500	3	\$500,000	\$1,500			
VDATS ENGINEERING (TECH. REFRESH)	A							1	\$500,000	\$500			
VDATS CALIBRATION EQUIPMENT	A	6	\$376,000	\$2,256	1	\$376,000	\$376	3	\$376,000	\$1,128			
VDATS PERFORMANCE BASED ACQUISITION										\$1,360			
VDATS PRODUCTION SUPPORT SERVICES				\$75			\$75			\$75			
VDATS ENGINEERING (SOFTWARE)				\$2,400									
TOTALS:				\$28,890			\$9,151			\$12,363			

Remarks:
Total Cost information is in thousands of dollars.

VDATS Performance Based Acquisition (PBA) requirement supports current and future systems. This requirement will serve as an interim support for sustainment capabilities and data collection leading to a long term performance based logistics contract. The PBA will provide a means to ensure the operational availability and reliability of the VDATS. The scope of the PBA will include efforts related to the development, modification, enhancement and sustainment of the VDATS system capability to include any sub-systems or instrumentation currently or subsequently integrated into the VDATS architecture, build to print, for the operation of VDATS as a completely re configurable test system.

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BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)							DATE: MAY 2009							
APPROP CODE/BA: APAF/AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT (O&I)				P-1 NOMENCLATURE: VERSATILE DEPOT AUTOMATIC TEST STATION (VDATS)										
ITEM NAME/ FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL					
VDATS DA-1 4920-01-553-0693KV														
FY2008(1)	5	\$1,114,201	AFMC/WR-ALC	DO/IDIQ	ROBINS DEPOT/WARNER ROBINS, GA	Sep-08	Dec-08							
FY2009(1)	3	\$900,000	AFMC/WR-ALC	DO/IDIQ	ROBINS DEPOT/WARNER ROBINS, GA	Jun-09	Aug-09	Yes						
FY2010(2)	2	\$900,000	AFMC/WR-ALC	C/FFP W/OPT	UNKNOWN	Jan-10	Jun-10	Yes						
VDATS DA-2 4920-01-553-1534KV														
FY2008(1)	11	\$1,212,636	AFMC/WR-ALC	DO/IDIQ	ROBINS DEPOT/WARNER ROBINS, GA	Sep-08	Dec-08							
FY2009(1)	3	\$1,500,000	AFMC/WR-ALC	DO/IDIQ	ROBINS DEPOT/WARNER ROBINS, GA	Jun-09	Aug-09	Yes						
FY2010(2)	4	\$1,500,000	AFMC/WR-ALC	C/FFP W/OPT	UNKNOWN	Jan-10	Jun-10	Yes						
VDATS RF-1 4920-01-553-1535KV														
FY2008(1)	8	\$656,125	AFMC/WR-ALC	DO/IDIQ	ROBINS DEPOT/WARNER ROBINS, GA	Sep-08	Dec-08							
FY2009(1)	3	\$500,000	AFMC/WR-ALC	DO/IDIQ	ROBINS DEPOT/WARNER ROBINS, GA	Jun-09	Aug-09	Yes						
FY2010(2)	3	\$500,000	AFMC/WR-ALC	C/FFP W/OPT	UNKNOWN	Jan-10	Jun-10	Yes						
<table style="width: 100%; border: none;"> <tr> <td style="width: 20%;"></td> <td style="width: 20%; text-align: center;">P-1 ITEM NO 69</td> <td style="width: 20%;"></td> <td style="width: 20%; text-align: center;">PAGE NO: 7 - 29</td> <td style="width: 20%; text-align: right;">Page 1 of 3</td> </tr> </table>											P-1 ITEM NO 69		PAGE NO: 7 - 29	Page 1 of 3
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BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)							DATE: MAY 2009			
APPROP CODE/BA: APAF/AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT (O&I)				P-1 NOMENCLATURE: VERSATILE DEPOT AUTOMATIC TEST STATION (VDATS)						
ITEM NAME/ FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL	
VDATS CALIBRATION EQUIPMENT										
FY2008(1)	6	\$376,000	AFMC/WR-ALC	DO/IDIQ	ROBINS DEPOT/WARNER ROBINS, GA	Sep-08	Dec-08			
FY2009(1)	1	\$376,000	AFMC/WR-ALC	DO/IDIQ	ROBINS DEPOT/WARNER ROBINS, GA	Jun-09	Aug-09	Yes		
FY2010(2)	3	\$376,000	AFMC/WR-ALC	C/FFP W/OPT	UNKNOWN	Jan-10	Jun-10	Yes		
VDATS ENGINEERING (TECH. REFRESH)										
FY2010(2)	1	\$500,000	AFMC/WR-ALC	C/FFP W/OPT	UNKNOWN	Jan-10	Jun-10	Yes		
<p>Remarks: Cost information is in actual dollars.</p> <p>VDATS Program Management Authority (PMA) requirement will assist the VDATS program office in travel and other efforts as deemed necessary. VDATS Performance Based Acquisition (PBA) requirement supports current and future systems. This requirement will serve as an interim support for sustainment capabilities and data collection leading to a long term performance based logistics contract. The PBA will provide a means to ensure the operational availability and reliability of the VDATS. The scope of the PBA will include efforts related to the development, modification, enhancement and sustainment of the VDATS system capability to include any sub-systems or instrumentation currently or subsequently integrated into the VDATS architecture, build to print, for the operation of VDATS as a completely re configurable test system.</p>										
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BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)							DATE: MAY 2009			
APPROP CODE/BA: APAF/AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT (O&I)				P-1 NOMENCLATURE: VERSATILE DEPOT AUTOMATIC TEST STATION (VDATS)						
ITEM NAME/ FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL	
<p>(1) FY08 and FY09 Delivery Order/Indefinite Delivery Indefinite Quantity (DO/IDIQ) awarded to fifteen vendors with various award dates.</p> <p>(2) FY10 procurement scheduled to award Jan 2010 will consist of a new Performance Based Acquisition (PBA) competitive contract with 5 year options.</p>										
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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	DATE: MAY 2009
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APPROP CODE/BA: APAF/AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT (O&I)	P-1 NOMENCLATURE: FLIGHT CONTROL TEST SET (FLCTS)
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	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	FY2015
QUANTITY								
COST (in Thousands)	\$7,371	\$4,723	\$0					

Description:
 This organizational level tester maintains and tests the Automatic Flight Control System (AFCS) on all F-15A/D aircraft by isolating to a defective aircraft line replacement unit (LRU). The AFCS provides functions of pitch, roll, and yaw control augmentation through the Control Augmentations System (CAS), pilot relief modes (auto pilot) of altitude hold, pitch roll, yaw, and take off trim. The CAS is the primary control system for the aircraft. The test set includes the test set itself, self-tester (coffin tester), remote controller (enables operation of the test set from aircraft cockpit), combination case (includes a control panel assembly) and special purpose cables.

Replacement of any of these components and/or pilot reported discrepancy (Deviations from Flight), requires checking of the AFCS with the tester prior to flight as the T.O. directs the use of the FLTS as a diagnostic tool. Impound aircraft require FLTS for diagnostics and release of aircraft for flight. Based on Command Technologies study, which included obsolescence and diminishing manufacturing sources analysis, the recommended sustainment strategy was replacement of test unit. This recommendation coincides with concerns of current AFCS specific LRU testing in regard to long term support problems. Pre-computer architecture of logistics and timing circuits rules out re-engineering individual components.

The Integrated Life Cycle Management (ILCM) Executive Agent for Automatic Test Systems (ATS) is focused on reducing weapon system unique ATS through replacement with a Common Versatile ATS tester that can perform test across multiple weapons platforms. The ATS Program Management Office also ensures collaborative requirements planning on new ATS fielding to reduce proliferation of new weapon system unique ATS. The ATS requirements described in this document were evaluated/approved by the ATS PMO and are inline with ATS PMO objectives. .

Projected Allocations for Reserve Component Requirements (Subject to Total Force demand and priority)

\$K:	FY2008	FY2009	FY2010
ANG:	\$ 3,346	\$ 2,169	\$ --
Reserve:	\$ --	\$ --	\$ --

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WEAPON SYSTEM COST ANALYSIS (EXHIBIT P-5)	DATE: MAY 2009
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APPROP CODE/BA: APAF/AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT (O&I)	P-1 NOMENCLATURE: FLIGHT CONTROL TEST SET (FLCTS)
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WEAPON SYSTEM COST ELEMENTS	ID CODE	FY2008			FY2009			FY2010			FY2011		
		QTY	Unit Cost	TOTAL COST									
FLIGHTS CNT TEST SET	A	22	\$304,161	{\$6,692}	14	\$309,927	{\$4,339}						
ACTIVE		11	\$304,161	\$3,346	7	\$309,927	\$2,169						
ANG		11	\$304,161	\$3,346	7	\$309,927	\$2,169						
NON-RECURRING ENGINEERING				\$673			\$234						
1ST FIRST ARTICLE TESTING				\$6									
TRAINING							\$150						
TOTALS:		22		\$7,371	14		\$4,723						

Remarks:
 Total Cost information is in thousands of dollars.

Projected Allocations for Reserve Component Requirements (Subject to Total Force demand and priority)

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BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)	DATE: MAY 2009
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APPROP CODE/BA: APAF/AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT (O&I)	P-1 NOMENCLATURE: FLIGHT CONTROL TEST SET (FLCTS)
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ITEM NAME/ FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL
FLIGHTS CNT TEST SET									
FY2008	22	\$304,161	AFMC/WR-ALC	OTH/OTH	WR-ALC DEPOT/ROBINS AFB, GA	Mar-08	Mar-09		
FY2009	14	\$309,927	AFMC/WR-ALC	OTH/OTH	WR-ALC DEPOT/ROBINS AFB, GA	Mar-09	Mar-10		

Remarks:
Cost information is in actual dollars.

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)							DATE: MAY 2009	
APPROP CODE/BA: APAF/AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT (O&I)				P-1 NOMENCLATURE: STORES SYSTEM TESTER - ORGANIZATION LEVEL				
	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	FY2015
QUANTITY								
COST (in Thousands)	\$18,316	\$15,412	\$4,251					
<p>Description:</p> <p>FY2008 funding totals include \$5.550M in supplemental funding recieved in the Consolidated Appropriations Act, 2008.</p> <p>The Stores System Tester - Organizational (SSTO) replaces the Stores Management System (SMS) tester which performs on-aircraft organizational level functional and fault isolation tests on the F-16 aircraft. Tester sustainability, parts obsolescence, and resulting tester shortages are creating severe limitations on mission accomplishment. Procurement of existing testers is not an option due to diminishing manufacturing sources (DMS). Procurement of the SSTO fills existing tester shortages and precludes further DMS complications.</p> <p>The current test set is uneconomical to maintain due to obsolete and outdated parts. Older test sets are failing at higher rates, are becoming increasingly more difficult to repair, and are no longer reliable for determining the cause of F-16 SMS failures. If a replacement tester is not made available, essential SMS maintenance will lag, impacting timely weapons loading on the aircraft; thus reducing F-16 mission and aircraft capability.</p> <p>The Integrated Life Cycle Management (ILCM) Executive Agent for Automatic Test Systems (ATS) is focused on reducing weapon system unique ATS through replacement with a Common Versatile ATS tester that can perform test across multiple weapons platforms. The ATS Program Management Office also ensures collaborative requirements planning on new ATS fielding to reduce proliferation of new weapon system unique ATS. The ATS requirements described in this document were evaluated/approved by the ATS PMO and are inline with ATS PMO objectives.</p> <p>Items requested in FY10 are identified on the following P-40A and are representative of items to be procured. Items procured during execution may change based on critical equipment needed to support current Air Force mission requirements.</p>								
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BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P-40A)	DATE: MAY 2009
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APPROP CODE/BA: APAF/AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT (O&I)	P-1 NOMENCLATURE: STORES SYSTEM TESTER - ORGANIZATION LEVEL
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PROCUREMENT ITEMS	ID CODE	FY2008		FY2009		FY2010		FY2011	
		QTY.	COST	QTY.	COST	QTY.	COST	QTY.	COST
STORES SYSTEM TESTER - ORGANIZATION LEVEL	A	69	\$18,316	47	\$15,062	14	\$4,251		
DATA/PRODUCTION CAPABILITY DOC	A			1	\$350				
TOTALS:		69	\$18,316	48	\$15,412	14	\$4,251		

Remarks:
Cost information is in thousands of dollars.

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BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)							DATE: MAY 2009			
APPROP CODE/BA: APAF/AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT (O&I)				P-1 NOMENCLATURE: STORES SYSTEM TESTER - ORGANIZATION LEVEL						
ITEM NAME/ FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL	
STORES SYSTEM TESTER - ORGANIZATION LEVEL(1)										
FY2008	69	\$265,445	AFMC/OO-ALC	DO/IDIQ	BAE SYSTEM/ NASHUA, NH	Nov-07	May-09			
FY2009	47	\$320,477	AFMC/OO-ALC	DO/IDIQ	BAE SYSTEM/ NASHUA, NH	May-09	Jun-10	Yes		
FY2010	14	\$303,675	AFMC/OO-ALC	DO/IDIQ	BAE SYSTEM/ NASHUA, NH	Oct-09	May-11	Yes		
DATA/PRODUCTION CAPABILITY DOC										
FY2009(1)	1	\$350,000	AFMC/OO-ALC	DO/IDIQ	BAE SYSTEM/ NASHUA, NH	May-09	Jun-10	Yes		
<p>Remarks: Cost information is in actual dollars.</p> <p>(1) This 5 year IDIQ contract, FA8212-04-D-0014, was awarded 7 Sep 04. Performance based contact extension is in currently in work.</p>										
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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)							DATE: MAY 2009	
APPROP CODE/BA: APAF/AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT (O&I)				P-1 NOMENCLATURE: STORES SYSTEM TESTER - INTERMEDIATE				
	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	FY2015
QUANTITY								
COST (in Thousands)	\$16,696	\$7,451	\$0					
<p>Description:</p> <p>FY2008 funding totals include \$3.490M in supplemental funding recieved in the Consolidated Appropriations Act, 2008</p> <p>The Stores System Tester - Intermediate (SSTI) replaces the Stores Release Equipment tester and directly impacts the Air Force's ability to safely load, carry, and launch weapons on the F-16 aircraft. The current tester accomplishes intermediate level testing of F-16 Alternate Mission Equipment (AME), which includes aircraft launchers, pylons, bomb racks, gun pods, and associated relays/adapters. The tester performs AME functional and fault isolation tests. Tester shortages are creating severe limitations on mission accomplishment. Procurement of existing testers is not an option due to diminishing manufacturing sources (DMS). Procurement of the SSTI fills the existing tester shortages and precludes further DMS complications.</p> <p>The current test set is uneconomical to maintain due to obsolete and outdated parts. Older test sets are failing at higher rates, are becoming increasingly more difficult to repair, and are no longer reliable in determining the cause of AME failures. If a replacement tester is not made available, essential AME maintenance will lag, impacting timely weapons loading on the aircraft; thus reducing F-16 mission and aircraft capability.</p> <p>The Integrated Life Cycle Management (ILCM) Executive Agent for Automatic Test Systems (ATS) is focused on reducing weapon system unique ATS through replacement with a Common Versatile ATS tester that can perform test across multiple weapons platforms. The ATS Program Management Office also ensures collaborative requirements planning on new ATS fielding to reduce proliferation of new weapon system unique ATS. The ATS requirements described in this document were evaluated/approved by the ATS PMO and are inline with ATS PMO objectives.</p>								
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WEAPON SYSTEM COST ANALYSIS (EXHIBIT P-5)	DATE: MAY 2009
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APPROP CODE/BA: APAF/AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT (O&I)	P-1 NOMENCLATURE: STORES SYSTEM TESTER - INTERMEDIATE
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WEAPON SYSTEM COST ELEMENTS	ID CODE	FY2008			FY2009			FY2010			FY2011		
		QTY	Unit Cost	TOTAL COST									
STORES SYSTEM TESTER - INTERMEDIATE LEVEL	A	48	\$347,841	\$16,696	17	\$417,519	\$7,098						
DATA/TRAINING							\$353						
TOTALS:		48		\$16,696	17		\$7,451						

Remarks:
Total Cost information is in thousands of dollars.

	P-1 ITEM NO 69		PAGE NO: 7 - 41	Page 1 of 1
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BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)							DATE: MAY 2009			
APPROP CODE/BA: APAF/AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT (O&I)				P-1 NOMENCLATURE: STORES SYSTEM TESTER - INTERMEDIATE						
ITEM NAME/ FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL	
STORES SYSTEM TESTER - INTERMEDIATE LEVEL(1)										
FY2008	48	\$347,841	AFMC/OO-ALC	DO/IDIQ	BAE SYSTEMS/NASHUA, NH	Nov-07	May-09			
FY2009	17	\$417,519	AFMC/OO-ALC	DO/IDIQ	BAE SYSTEMS/NASHUA, NH	May-09	Jun-10	Yes		
<p>Remarks: Cost information is in actual dollars.</p> <p>(1) This 5 year IDIQ contract, FA8212-04-D-0014, was awarded 7 Sep 04.</p>										
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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)							DATE: MAY 2009													
APPROP CODE/BA: APAF/AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT (O&I)				P-1 NOMENCLATURE: STORES MGMT TEST SET PROGRAM																
	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	FY2015												
COST (in Thousands)	\$0	\$0	\$4,463																	
<p>Description:</p> <p>The F-15 A/B/C/D/E aircraft weapons delivery systems are currently supported by a series of Armament Testers. Various configurations of these testers (A/E24T-169/170/171/19/198/199) provide both on and off equipment operational checkout capability to support mission requirements. In addition, the flight line, intermediate shops and depot levels utilize these testers to troubleshoot, fault isolate and maintain aircraft weapons firing circuits. They also provide operational checkout capability of Line Replaceable Units (LRUs), Pylons, Adapters, Air-to-Air Launchers and Aircraft Guns Systems on a periodic basis.</p> <p>These current testers are 16 years old and are uneconomical to repair due to obsolete and outdated parts. Older test sets are failing at higher rates, are becoming more difficult to repair, and are no longer reliable for troubleshooting F-15 armament system anomalies. Procurement of these testers is critical to maintaining F-15 mission capability.</p> <p>To maintain Air Force efforts to manage ATS requirements, the ATS requirements on the following documents have been reviewed and concurred with by the ILCM designated ATS executive agent.</p> <p>Projected Allocations for Reserve Component Requirements (Subject to Total Force demand and priority)</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%;">\$K</td> <td style="width: 20%;">FY2008</td> <td style="width: 20%;">FY2009</td> <td style="width: 20%;">FY2010</td> </tr> <tr> <td>ANG:</td> <td style="text-align: center;">\$ --</td> <td style="text-align: center;">\$ --</td> <td style="text-align: center;">\$1,216</td> </tr> <tr> <td>Reserve:</td> <td style="text-align: center;">\$ --</td> <td style="text-align: center;">\$ --</td> <td style="text-align: center;">\$ --</td> </tr> </table>									\$K	FY2008	FY2009	FY2010	ANG:	\$ --	\$ --	\$1,216	Reserve:	\$ --	\$ --	\$ --
\$K	FY2008	FY2009	FY2010																	
ANG:	\$ --	\$ --	\$1,216																	
Reserve:	\$ --	\$ --	\$ --																	
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WEAPON SYSTEM COST ANALYSIS (EXHIBIT P-5)									DATE: MAY 2009				
APPROP CODE/BA: APAF/AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT (O&I)				P-1 NOMENCLATURE: STORES MGMT TEST SET PROGRAM									
WEAPON SYSTEM COST ELEMENTS	ID CODE	FY2008			FY2009			FY2010			FY2011		
		QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST
T-197C - STORES MGMT TEST SET	A							4	\$479,941	{\$1,920}			
ACTIVE								3	\$479,941	\$1,440			
ANG								1	\$479,941	\$480			
RESERVE													
T-198B - STORES MGMT TEST SET	A							4	\$335,778	{\$1,343}			
ACTIVE								3	\$335,778	\$1,007			
ANG								1	\$335,778	\$336			
RESERVE													
T-199A - STORES MGMT TEST SET	A							3	\$400,047	{\$1,200}			
ACTIVE								2	\$400,047	\$800			
ANG								1	\$400,047	\$400			
RESERVE													
TOTALS:								11		\$4,463			
Remarks: Total Cost information is in thousands of dollars.													
				P-1 ITEM NO 69				PAGE NO: 7 - 44				Page 1 of 1	

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BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)							DATE: MAY 2009			
APPROP CODE/BA: APAF/AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT (O&I)				P-1 NOMENCLATURE: STORES MGMT TEST SET PROGRAM						
ITEM NAME/ FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL	
T-197C - STORES MGMT TEST SET										
FY2010	4	\$479,941	AFMC/WR-ALC	SS/FFP	BOEING/ ST LOUIS, MO	Jan-10	Jan-12	Yes		
T-198B - STORES MGMT TEST SET										
FY2010	4	\$335,778	AFMC/WR-ALC	SS/FFP	BOEING/ ST LOUIS, MO	Jan-10	Jan-12	Yes		
T-199A - STORES MGMT TEST SET										
FY2010	3	\$400,047	AFMC/WR-ALC	SS/FFP	BOEING/ ST LOUIS, MO	Jan-10	Jan-12	Yes		
Remarks: Cost information is in actual dollars.										
	P-1 ITEM NO 69			PAGE NO: 7 - 45				Page 1 of 1		

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FISCAL YEAR (FY) 2010 BUDGET ESTIMATES

BP 13 – POST PRODUCTION SUPPORT

MAY 2009

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Exhibit P-40, Budget Item Justification							Date: May 2009				
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 70							P-1 Line Item Nomenclature B-1 Post Prod Support				

Program Element for Code B Items:		PE 0101126F			Other Related Program Elements:				PE 0604226F; PE 0101126F			
	ID Code	Prior Years	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	To Comp	Total
Proc Qty	A											0
Total Proc Cost (\$ M)		10.279	0.000	0.000	3.929							14.208

Description

Current B-1B Automatic Test Equipment (ATE) is becoming unsupportable and test station downtime is increasing the B-1B Line Replaceable Unit (LRU) backlog with unserviceable line replaceable units. This funding will support ATE and prevent station downtime to support the LRU backlog. In addition, the funding provides for the acquisition and support of other depot-level equipment and tooling to maintain the repairable spare assets to maintain the B-1B weapon system, support the aircraft structural integrity program, and engineering repair enhancements. Funding will sustain weapon system mission capable rates, and allow for the acquisition of government furnished material essential to repair critical B-1B components. Also, funding is for other depot equipment requirements. It includes, but is not limited to the Advanced Digital Test Station (ADTS).

FY 2010 Program Justification

This effort provides funding for acquisition of essential avionics test stations, test program sets and interface test adapters to rectify unacceptable B-1B test station mission capable rates. Current B-1B Automatic Test Equipment (ATE) is becoming unsupportable and test station downtime is increasing the B-1B Line Replaceable Unit (LRU) backlog with unserviceable line replaceable units. This funding will support ATE and prevent station downtime to support the LRU backlog. In addition, this funding provides for the acquisition and support of other depot-level equipment and tooling to maintain the repairable spare assets to maintain the B-1B weapon system, support the aircraft structural integrity program, and engineering repair enhancements. Funding will sustains weapon system mission capable rates and allow for the acquisition of government furnished material essential to repair critical B-1B components. Also, funding is for other depot equipment requirements. It includes but not limited to Nose Radome program.

Exhibit P-40, Budget Item Justification							Date: May 2009				
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 71 / 72							P-1 Line Item Nomenclature B-2A Post Prod Support				

Program Element for Code B Items:		0101127F			Other Related Program Elements:				N/A			
	ID Code	Prior Years	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	To Comp	Total
Proc Qty	A											0
Cost (\$ M)			17.675									17.675
Interim Ctr Support (\$ M)			27.637	36.683	24.481							88.801
Advance Proc Cost (\$ M)												0.000
Weapon System Cost (\$ M)		0.000	45.312	36.683	24.481							106.476
Initial Spares (\$ M)												0.000
Total Proc Cost (\$ M)		0.000	45.312	36.683	24.481							106.476
Flyaway Unit Cost (\$ M)												
Wpn Sys Unit Cost (\$ M)												

Description

- Post Production Support funds are used for the following requirements:

-- Maintain software lab capabilities. The B-2 lab is a one-of-a-kind facility that develops, maintains, integrates, and tests the B-2 Spirit software. No other facility exists that can perform all of these functions. The B-2 lab combines flight controls, radar, weapons, navigation, traffic control, communications, flight management, external interfaces, and defensive management functionality in a lab environment. This funding will also acquire upgrades, integration, and testing of obsolete lab equipment.

-- Procurement of non-stock listed piece parts and other peculiar support equipment.

-- Beginning in FY09 Depot Activation activities were documented in APAF, Other production Charges.

-- Depot Activation for B-2 components as directed by HQ AFMC via the Source of Repair Assignment Process (SORAP). Funds will initiate depot activation execution of organic repair capability to include purchase of hardware/software support equipment and replacement of non-stock listed obsolete parts.

This program has associated Research Development Test and Evaluation funding in PE 0604240F until FY-2010, and in PE 0101127F in FY-2010 and subsequent.

FY 2010 Program Justification

Funds will initiate depot activation execution of organic repair capability to include purchase of hardware/software support equipment and replacement of non-stock listed obsolete parts.

Exhibit P-5, Weapon System Cost Analysis	Date: May 2009
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 71 / 72	P-1 Line Item Nomenclature B-2A Post Prod Support

Manufacturer's Name/Plant City/State Location Northrop Grumman CForp., B-2 Division, Pico Rivera, Ca.	Subline Item
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Weapon System Cost Elements	Ident Code	Total Cost in Millions of Dollars											
		FY 2008			FY 2009			FY 2010			Cost to Complete		
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
Avionics	A												
Armament	A												
Software	A												
Other Government Furnished Equipment (GFE)	A												
Engineering Change Orders (ECO)	A												
Nonrecurring Costs	A												
Other Costs	A												
FLYAWAY COST SUBTOTAL													
Airframe Peculiar Ground Support Equipment (PGSE)	A												
Engine PGSE	A												
Peculiar Training Equipment	A												
Common Support Equipment	A												
Publications/Technical Data	A												
S/W & H/W Investment													
Progm Mngt & Rqts													
ECOs	A												
Other	A			17.675									
SUPPORT COST SUBTOTAL				17.675									
INTERIM CONTRACTOR SUPPORT (ICS)				27.637			36.683			24.481			
TOTAL PROGRAM				45.312			36.683			24.481			

Comments

Exhibit P-40, Budget Item Justification						Date: May 2009					
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 73 / 74						P-1 Line Item Nomenclature C-5 Post Prod Support					

Program Element for Code B Items:		N/A			Other Related Program Elements:				N/A			
	ID Code	Prior Years	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	To Comp	Total
Proc Qty	A											0
Total Proc Cost (\$ M)			18.153	18.161	14.046							50.360

Description

The ANG has critical equipment requirements at Memphis and Martinsburg due to unit conversions to the C-5. Additionally, the AFRC has critical equipment requirements at Wright-Patterson AFB due to a unit conversion to the C-5. AFRC funding is in FY08 (\$11.882M), FY09 (\$12.183M) and FY10 (\$11.787M). All C-5 users have a need for access to a desktop Aircrew Training System (ATS) and a Maintenance Training Device (MTD). The desktop trainer will be used to develop and procure software to emulate the C-5 Avionics Modernization Program (AMP) and C-5 Reliability Enhancement and Re-engining Program (RERP) software configurations. The software will allow for the emulation of the control and display unit and the multi-function display and will be loaded onto a Personal Computer (PC) or laptop to allow students to practice navigation and display recognition without using assets such as an aircraft or simulator. MTD funds will be used to re-host the Consolidated Avionics System Trainer (CAST) onto a PC in lieu of using the Versatile Integrated Avionics/Avionics Interface Unit (VIA/AIU) equipment. Also, the silhouette portion of the trainer will be replaced with a plasma television, which will be used to simulate the flight controls as well as other portions of the required training.

FY 2010 Program Justification

Funds are used to procure critical support equipment needed by the Air Force Reserve Command (AFRC) unit at Wright-Patterson AFB, OH and develop software for aircrew and maintenance training requirements.

Exhibit P-5, Weapon System Cost Analysis	Date: May 2009
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 73 / 74	P-1 Line Item Nomenclature C-5 Post Prod Support

Manufacturer's Name/Plant City/State Location	Subline Item

Weapon System Cost Elements	Ident Code	Total Cost in Millions of Dollars											
		FY 2008			FY 2009			FY 2010			Cost to Complete		
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
Peculiar Training Equipment	A												
Publications/Technical Data	A												
ECOs	A												
Other				18.153			18.161			14.046			
SUPPORT COST SUBTOTAL													
TOTAL PROGRAM				18.153			18.161			14.046			

Comments

Exhibit P-40, Budget Item Justification	Date: May 2009
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 75	P-1 Line Item Nomenclature KC-10 Mods

Program Element for Code B Items:		0401897F			Other Related Program Elements:				0401219F			
	ID Code	Prior Years	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	To Comp	Total
Proc Qty	A											0
Total Proc Cost (\$ M)			0.000	0.000	4.125							4.125

Description
 KC-10 Formal Training Units (FTUs) do not possess a KC-10 Cargo Load Trainer (CLT). Training is accomplished on the aircraft and during operational missions. This results in a lengthy period of time for KC-10 Boom Operators (BOs) to be mission ready. A Cargo Load Trainer would reduce training days for boom operators by a minimum of 25% providing the warfighter with additional assets and reduce TDY costs associated with completing initial training. Continuation training for mission ready BOs will also be accomplished in the device reducing cargo training events in the aircraft by over 20%.

FY 2010 Program Justification
 Training mod funds will be used in FY10 to procure one KC-10 Cargo Load Trainer for either McGuire AFB, NJ or Travis AFB, CA. The KC-10 Cargo Load Trainer (CLT) is a new start program in FY10.

Exhibit P-40, Budget Item Justification							Date: May 2009					
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 76							P-1 Line Item Nomenclature C-17					

Program Element for Code B Items:		N/A			Other Related Program Elements:				C-17 (BP13)			
	ID Code	Prior Years	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	To Comp	Total
Proc Qty	A											0
Total Proc Cost (\$ M)			0.000	0.000	91.400							91.400

Description

FY2010 funding totals do not include \$11M requested for Overseas Contingency Operations

-FY10 budget is the first phase of C-17 production shutdown.

-FY10 budget funds the acquisition of diminishing manufacturing sources (DMS) to complete the C-17 program.

FY 2010 Program Justification

-FY10 budget funds the acquisition of the activities that are required to transition the C-17 program from the production phase to the sustainment phase.

Exhibit P-40, Budget Item Justification							Date: May 2009					
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 77							P-1 Line Item Nomenclature C-130 Post Prod Support					

Program Element for Code B Items:		41115F, 41897F			Other Related Program Elements:				44011F			
	ID Code	Prior Years	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	To Comp	Total
Proc Qty	A											0
Total Proc Cost (\$ M)		24.421	16.814	0.000	28.092							69.327

Description

The need for additional AC-130U force structure became apparent during OPERATION ENDURING FREEDOM causing DEPSECDEF to direct funds be added in Dec 01. Funding through FY08 procures 4 additional AC-130Us. USSOCOM agreed to purchase the aircraft and fund AFSOC-related equipment and avionics. USAF agreed to accept acquisition management and fund the common equipment and avionics. The funding shown here provides the common support equipment for these 4 AC-130Us. Congress also added \$2.4M in FY08 for Project RAINCOAT post-production support. Provides funds to procure, modify and enhance aircrew and maintenance trainers for the Mobility Air Forces (MAF). Trainers provide for improved combat readiness and reduce utilization of aircraft for training. The use of ground trainers allows the additional aircraft, formerly used for training, to be made available to the war-fighting commanders. Funding also covers procurement of four C-130 Weapons System Trainers at the rate of one per year in order to address the Air Force-wide shortfall of C-130 simulators.

FY 2010 Program Justification

FY10 funding in PE 41897F, provides funds to procure, modify and enhance aircrew and maintenance trainers for the Mobility Air Forces (MAF). Trainers provide for improved combat readiness and reduce utilization of aircraft for training. The use of trainers allows additional aircraft formerly used for training to be made available to the warfighting commanders. Critical tactical and distributed mission operation training in these simulators increases MAF combat effectiveness and reduces aircraft losses.

Exhibit P-40, Budget Item Justification						Date: May 2009					
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 78						P-1 Line Item Nomenclature EC-130J					

Program Element for Code B Items:		N/A			Other Related Program Elements:				N/A			
	ID Code	Prior Years	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	To Comp	Total
Proc Qty	A	0										0
Total Proc Cost (\$ M)		0.000	5.311	5.368	5.283							15.962

Description

The EC-130J Commando Solo conducts information operations, psychological operations and civil affairs broadcasts in AM, FM, HF, TV and military communications bands. A typical mission consists of a single-ship orbit offset from the desired target audience -- either military or civilian personnel. The EC-130J is a highly modified C-130J and the modifications include 60/90 KVA generator systems. The new generator system involves extensive modification to the USAF configuration Quick Engine Change (QEC) kit. Since the QEC is a two-level maintenance item, a separate/unique QEC must be spared/supported to sustain the fleet of EC-130J aircraft. The EC-130J fleet requires 3 additional EC-peculiar 60/90 KVA configuration QECs

FY 2010 Program Justification

Funds in FY10 will fully fund the procurement on one additional EC-130J QEC. The QEC will deliver in FY12.

Exhibit P-5, Weapon System Cost Analysis	Date: May 2009
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 78	P-1 Line Item Nomenclature EC-130J

Manufacturer's Name/Plant City/State Location Lockheed Martin Aero - Marietta	Subline Item EC-130J (BPAC 13400C)
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Weapon System Cost Elements	Ident Code	Total Cost in Millions of Dollars											
		FY 2008			FY 2009			FY 2010			Cost to Complete		
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
Avionics													
Armament													
Software													
Other Government Furnished Equipment (GFE)													
Engineering Change Orders (ECO)													
Nonrecurring Costs													
Other Costs													
FLYAWAY COST SUBTOTAL													
Airframe Peculiar Ground Support Equipment (PGSE)													
Engine PGSE													
Peculiar Training Equipment													
Publications/Technical Data													
ECOs													
Other		1	5.311	5.311	1	5.368	5.368	1	5.283	5.283			
SUPPORT COST SUBTOTAL													
TOTAL PROGRAM				5.311			5.368			5.283			

Comments

Funding to procure 3 additional EC-130J QECs (1 per year) to support/sustain the 7 EC-130J aircraft fielded. Funding ends in FY10.

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Exhibit P-40, Budget Item Justification						Date: May 2009					
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 79						P-1 Line Item Nomenclature F-15 Post Prod Support					

Program Element for Code B Items:		N/A			Other Related Program Elements:				n/a			
	ID Code	Prior Years	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	To Comp	Total
Proc Qty	A											0
Total Proc Cost (\$ M)		34.411	5.577	20.134	15.744							75.866

Description

The program continues post-production support of the F15A-E fleet including Interim Contractor Support (ICS) for various air vehicle subsystems and the Electronic Systems Test Set (ESTS).

The F15A-D Eagle is a highly maneuverable all-weather air superiority fighter. The F15E Strike Eagle retains the basic air-to-air capability of the F15 A-D Eagle, but adds a weapon systems operator (WSO), rear cockpit, conformal fuel tanks and advanced systems for all-weather, day/night, all-altitude, deep penetration air-to-surface attack.

This program has associated Research Development Test and Evaluation funding in PE 0207134F.

FY 2010 Program Justification

Funding provides continuing support of the Electronic Systems Test Set (ESTS) and also provides Interim Contract Support (ICS) for repair of newly fielded assets until support decisions (SORAP) are implemented to establish the organic or contract repair for the equipment. Grounding of aircraft will result without this repair support.

Exhibit P-40, Budget Item Justification						Date: May 2009					
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 80						P-1 Line Item Nomenclature F-16 Post Prod Support					

Program Element for Code B Items:		N/A			Other Related Program Elements:				N/A			
	ID Code	Prior Years	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	To Comp	Total
Proc Qty	A											0
Total Proc Cost (\$ M)			8.464	13.586	19.951							42.001

Description
 The F-16 Fighting Falcon is the world's premier multi-mission fighter. It is a fixed-wing, high-performance, single-engine fighter aircraft. In its 30-year history, the F-16 has proven itself in combat in a variety of air-to-air and air-to-surface missions such as close air support, combat air patrol, forward air control, battle air interdiction (day/night and all-weather) and suppression of enemy air defenses (SEAD)/ destruction of enemy air defenses (DEAD). Also, during these years the aircraft has evolved in its capabilities to exploit the advances made in computer, avionics systems, engine, and structures technologies. The F-16 has been selected by over 20 air forces around the world.

FY 2010 Program Justification
 This appropriation is for the continuation of prime contract post production support, procurement of deferred peculiar ground support equipment, Peculiar Training Equipment, mission support, interim contract support, and activities associated with F-16 production line shutdown.

Exhibit P-40, Budget Item Justification	Date: May 2009
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 81	P-1 Line Item Nomenclature OTHER AIRCRAFT

Program Element for Code B Items:	N/A	Other Related Program Elements:	0207131F, 0101113F, 0101127F, 0207223F, 0401130F, 41119F, 41115F									
	ID Code	Prior Years	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	To Comp	Total
Proc Qty	A	0										0
Total Proc Cost (\$ M)		0.000	99.306	48.461	51.980							199.747

Description

Other Aircraft contains funding from two Program Elements that support three distinct programs.

- F-16 Block 40/50 Mission Training Center (MTC), funded in PE 27701F, supports the procurement of high fidelity, Distributed Mission Operations (DMO) capable flight simulators for F-16 Block 40 and 50 weapon systems and F-16 MTT visual systems. Each MTC includes multiple high fidelity Simulator Cockpits, Instructor Operator Stations, a Threat Server and Brief/ Debrief and Mission Observation capability. Each is capable of linking to geographically distributed high-fidelity combat and combat support training devices including Command and Control (C2) and Intelligence, Surveillance, and Reconnaissance (ISR) systems. Allows the warfighters at home station to exercise and train at the operational and strategic levels of war as well as conduct networked unit-level training. F-16 MTT visual systems allow the F-16 MTT to more effectively integrate with the DMO environment. Research Development Test and Evaluation funding is in PE 27701F.

- FULL COMBAT MISSION TRAINING (FCMT) is funded in PE 27701F. No FY10 funding is requested. FCMT provides funds to procure aircrew trainers for the Combat Air Forces (CAF) and supports CAF participation in Air Force Distributed Mission Operations (DMO). DMO is an operational readiness initiative enabling the USAF to exercise and train at the operational and strategic levels of war while facilitating unit level training. Networked Live-Virtual-Constructive components form the integrated DMO battlespace by linking geographically distributed high fidelity combat and combat support training devices including C2 and ISR systems.

- TRAINING is funded in PE 41897F. No FY10 funding is requested. TRAINING provides funds to procure/enhance aircrew and maintenance trainers for the Mobility Air Forces (MAF). Additional/upgraded trainers will provide for improved combat readiness and reduce utilization of aircraft for training. Additional aircraft formerly used for training will now be available to the warfighting commanders. Critical tactical and distributed mission operation training in these simulators will increase MAF combat effectiveness and reduce aircraft losses.

FY 2010 Program Justification

- FULL COMBAT MISSION TRAINING (FCMT): No FY10 funding is requested.

- F-16 Block 40/50 Mission Training Center (MTC): FY10 funding acquires 8 cockpits, comprising two four-ship MTCs, (one each at two locations) and F-16 MTT visual systems (two locations).

- TRAINING: No FY10 funding is requested.

Exhibit P-5, Weapon System Cost Analysis										Date: May 2009				
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number										P-1 Line Item Nomenclature				
Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 81										OTHER AIRCRAFT				
Manufacturer's Name/Plant City/State Location					Subline Item									
Weapon System Cost Elements	Ident Code	Total Cost in Millions of Dollars												
		FY 2008			FY 2009			FY 2010			Cost to Complete			
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	
Avionics														
Armament														
Software														
Other Government Furnished Equipment (GFE)														
Engineering Change Orders (ECO)														
Nonrecurring Costs														
Other Costs														
FLYAWAY COST SUBTOTAL														
Airframe Peculiar Ground Support Equipment (PGSE)														
Engine PGSE														
Peculiar Training Equipment														
Publications/Technical Data														
ECOs														
Other														
FULL COMBAT MISSION TRAINING (FCMT), PE 27701F; Combat Air Forces Aircrew Training Devices		5		25.682	4		48.461							TBD
F-16 Block 40/50 MTC TRAINING, PE 41897F Mobility Air Forces Training Devices		45		73.624	0		0.000	8		51.980	0		0.000	
SUPPORT COST SUBTOTAL														
TOTAL PROGRAM				99.306			48.461			51.980				TBD
Comments														

Exhibit P-40, Budget Item Justification							Date: May 2009				
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 82							P-1 Line Item Nomenclature T-1 Mods				

Program Element for Code B Items:		N/A			Other Related Program Elements:				N/A			
	ID Code	Prior Years	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	To Comp	Total
Proc Qty	A											0
Total Proc Cost (\$ M)		0.000	14.803	18.973	0.000							33.776

Description

A suite of Ground Based Training System (GBTS) devices are being acquired to use with the T-1 aircraft to support Combat System Officer (CSO) training. These include low-level part-task devices, comprised of only the radar and the Flight Management System (FMS). These devices will enable the student to learn how to use radar while running a mission. The other devices will provide higher level aircrew training. They will replicate the flight deck and allow the student to learn copilot duties as well as practice running the mission with another crew member prior to actual flight.

FY 2010 Program Justification

N/A

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FISCAL YEAR (FY) 2010 BUDGET ESTIMATES

BP 14 – INDUSTRIAL PREPAREDNESS

MAY 2009

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Exhibit P-40, Budget Item Justification							Date: May 2009				
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 83							P-1 Line Item Nomenclature Industrial Responsiveness				

Program Element for Code B Items:		N/A			Other Related Program Elements:				N/A			
	ID Code	Prior Years	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	To Comp	Total
Proc Qty	A											0
Total Proc Cost (\$ M)			23.781	24.313	25.529							73.623

Description

1. The Air Force Industrial Preparedness program element combines the resources of several appropriations (APAF, MPAF, OPAF, O&M, and RDT&E) to create a comprehensive program that ensures the defense industry can supply reliable, affordable systems to operational commanders. The Aircraft Procurement (APAF) part of Industrial Preparedness supports the following: 1) management of government-owned industrial plants; and 2) management of industrial base planning activities and compliance with the Defense Production Act.

2. Two basic activities are funded in this appropriation: Industrial Facilities and Industrial Base Planning:

Industrial Facility cost elements (MPCs 3000, and 7000): Provide for repair and expansion, major rehabilitation, environmental compliance, equipment movement, and energy conservation at Air Force-owned-contractor-operated industrial facilities. These plants are the backbone of DoD weapon system assembly and maintenance for the B-2, U-2, F-16, C-130, C-5B, F-117, and F-22.

Industrial Planning cost element (MPC 6000): Provides for the identification/analysis of critical aircraft industrial base problems/constraints (e.g., diminishing manufacturing sources material shortages -- on the B-1B, B-52, F-15, C-5, and C-141 fielded systems, as well as on the F-16, F-22, C-17, and C-130 systems in production). Supports Air Force management of the Defense Priorities and Allocations System (Title I, Defense Production Act). Provides timely and accurate industrial base information to support Air Force decisions on: 1) aircraft weapon system acquisition risks; 2) budget allocation and investments; 3) weapon system sustainment and logistics support; and 4) defense industry mergers and acquisitions and divestitures. Supports joint-Service industrial base planning on shared commodities, technologies, and facilities.

FY 2010 Program Justification

The leading requirement for FY10 is MPC 7000 Environmental Compliance. MPC 3000 Capital Type Rehabilitation and MPC 6000 Industrial Base Assessment also have significant requirements.

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FISCAL YEAR (FY) 2010 BUDGET ESTIMATES

BP 17 – WAR CONSUMABLES

MAY 2009

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)						DATE: MAY 2009		
APPROP CODE/BA: APAF/WAR CONSUMABLES				P-1 NOMENCLATURE: WAR CONSUMABLES (OVERVIEW)				
	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	FY2015
QUANTITY								
COST (in Thousands)	\$81,181	\$80,403	\$134,427					
<p>Description:</p> <p>FY 2008 funding totals include \$63.493M of appropriated supplemental funding.</p> <p>This program provides funding for the procurement of initial/replacement War Consumables and includes commodities such as Radio Frequency (RF) (expendable) Towed Decoys, Fiber Optic Towed Decoys (FOTD), and Aerial Target Drone (ATD) rocket motors. These items support War Reserve Materiel (WRM) requirements and fleet inventory objectives across multiple weapon systems.</p> <p>Items to be procured in FY2010 are listed on the attached P-40A. Items procured during execution may change based on the most critical equipment needed to support current Air Force mission requirements.</p>								
	P-1 ITEM NO 84		PAGE NO: 7 - 77		Page 1 of 1			

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BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P-40A)	DATE: MAY 2009
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APPROP CODE/BA: APAF/WAR CONSUMABLES	P-1 NOMENCLATURE: WAR CONSUMABLES (OVERVIEW)
--	--

PROCUREMENT ITEMS	ID CODE	FY2008		FY2009		FY2010		FY2011	
		QTY.	COST	QTY.	COST	QTY.	COST	QTY.	COST
WAR CONSUMABLES (OVERVIEW)									
MINIATURE AIR LAUNCHED DECOY	A		\$59,171		\$56,285		\$109,552		
ADVANCED AIRBORNE EXPENDABLE DECOY (AAED)	A		\$18,325		\$20,023		\$20,744		
ITEMS LESS THAN \$5 MILLION	A		\$3,685		\$4,095		\$4,131		
TOTALS:			\$81,181		\$80,403		\$134,427		

Remarks:
Cost information is in thousands of dollars.

	P-1 ITEM NO 84		PAGE NO: 7 - 78	Page 1 of 1
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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)							DATE: MAY 2009	
APPROP CODE/BA: APAF/WAR CONSUMABLES				P-1 NOMENCLATURE: MINIATURE AIR LAUNCHED DECOY				
	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	FY2015
QUANTITY								
COST (in Thousands)	\$59,171	\$56,285	\$109,552	\$0	\$0	\$0	\$0	\$0
<p>Description:</p> <p>FY 2008 funding totals include \$49.627M of appropriated supplemental funding.</p> <p>The Miniature Air Launch Decoy (MALD) and MALD Jammer (MALD-J) configurations are key enablers supporting Air Force Global Strike, Global Response, Space and C4ISR, and Air and Space Expeditionary Force Concepts of Operation. Both MALD and MALD-J are budgeted in this project. MALD is a low cost, powered, expendable decoy designed to represent the kinematics and radar signature characteristics of various combat aircraft. The MALD will be employed from various aircraft platforms to stimulate, saturate, and deceive integrated air defense systems (IADS) thus increasing the survivability of strike aircraft. MALD-J will provide stand-in jamming capability for Airborne Electronic Attack Systems. MALD-J will be launched against a preplanned target and will jam specific radars in a stand-in role to degrade or deny the IADS detection of friendly aircraft or munitions. MALD-J will be able to operate in both decoy and jammer modes.</p> <p>Procurement quantities are estimates only and fall within a range of quantities based on price commitment curves on contract.</p> <p>The development of this program is funded in Program Element Code 0604270F (Electronic Warfare Development), Budget program Activity Code 8462 (Airborne Electronic Attack).</p> <p>This item is procured through the Air Armament Center, Eglin AFB, FL</p>								
	P-1 ITEM NO 84		PAGE NO: 7 - 79		Page 1 of 1			

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WEAPON SYSTEM COST ANALYSIS (EXHIBIT P-5)	DATE: MAY 2009
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APPROP CODE/BA: APAF/WAR CONSUMABLES	P-1 NOMENCLATURE: MINIATURE AIR LAUNCHED DECOY
--	--

WEAPON SYSTEM COST ELEMENTS	ID CODE	FY2008			FY2009			FY2010			FY2011		
		QTY	Unit Cost	TOTAL COST									
MALD	A	164	\$191,058	\$31,334	143	\$337,413	\$48,250	349	\$283,331	\$98,883			
PRODUCTION SUPPORT													
PRODUCTION SUPPORT EQUIPMENT (2)				\$4,637									
ECO/ECP (2)				\$253			\$1,498			\$2,100			
CONTRACTOR SUPPORT				\$700			\$270			\$874			
PROGRAM MANAGEMENT ADMINISTRATION				\$442			\$567			\$640			
WARRANTY (2)				\$400									
RELIABILITY ASSESSMENT PROGRAM				\$13,170			\$3,850			\$6,055			
PRODUCTION TRANSITION (1)				\$8,236									
INTERIM CONTRACT SUPPORT (ICS)							\$1,850			\$1,000			
TOTALS:		164		\$59,171	143		\$56,285	349		\$109,552			

Remarks:
 Total Cost information is in thousands of dollars.

(1) Production Support includes transition efforts to reduce production risks and improve production assurance.
 (2) After FY08, unit cost reflects the cost of the missile, warranty and container.

	P-1 ITEM NO 84		PAGE NO: 7 - 80	Page 1 of 1
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BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)							DATE: MAY 2009			
APPROP CODE/BA: APAF/WAR CONSUMABLES				P-1 NOMENCLATURE: MINIATURE AIR LAUNCHED DECOY						
ITEM NAME/ FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL	
MALD										
FY2008(1)	164	\$191,058	AFMC/AAC	OPT/FFP	RAYTHEON/TUCSON, AZ	Jul-08	May-09			
FY2009	143	\$337,413	AFMC/AAC	SS/FFP	RAYTHEON/TUCSON, AZ	Mar-09	May-10			
FY2010	349	\$283,331	AFMC/AAC	SS/FFP	RAYTHEON/TUCSON, AZ	Mar-10	May-11	Yes		
Remarks: Cost information is in actual dollars. (1) FY08 funding exercise the LRIP option on the System Design and Development (SDD) contract.										
		P-1 ITEM NO 84			PAGE NO: 7 - 81					Page 1 of 1

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)							DATE: MAY 2009	
APPROP CODE/BA: APAF/WAR CONSUMABLES				P-1 NOMENCLATURE: ADVANCED AIRBORNE EXPENDABLE DECOY (AAED)				
	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	FY2015
QUANTITY								
COST (in Thousands)	\$18,325	\$20,023	\$20,744					
<p>Description:</p> <p>FY2008 funding totals include \$10.181M in appropriated supplemental funding.</p> <p>The Advanced Airborne Expendable Decoy (AAED) is part of the ALE-50 Radio Frequency (RF) towed decoy system integrated into the F-16 and B-1B aircraft. The ALE-50 significantly enhances aircraft countermeasure capabilities against modern RF threats. It provides protection by acting as a RF-repeater that decoys threat systems engaging the aircraft, resulting in increased missile miss distances. Major system components for the F-16 are the AAED (includes towline assembly and canister), magazine, launcher/controller and pylons. The major system components for the B-1B are the AAED, magazine, launcher, multi-platform launch controller and farings.</p> <p>Failure to procure the AAED impacts sustainment of projected wartime sortie rates, impeding mission accomplishment.</p>								
	P-1 ITEM NO 84		PAGE NO: 7 - 82		Page 1 of 1			

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WEAPON SYSTEM COST ANALYSIS (EXHIBIT P-5)	DATE: MAY 2009
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APPROP CODE/BA: APAF/WAR CONSUMABLES	P-1 NOMENCLATURE: ADVANCED AIRBORNE EXPENDABLE DECOY (AAED)
--	---

WEAPON SYSTEM COST ELEMENTS	ID CODE	FY2008			FY2009			FY2010			FY2011		
		QTY	Unit Cost	TOTAL COST									
DECOY	A	742	\$24,677	\$18,310	790	\$25,325	\$20,007	778	\$26,644	\$20,729			
PROGRAMMANAGEMENT AUTHORITY (PMA)				\$15			\$15			\$15			
TOTALS:				\$18,325			\$20,023			\$20,744			

Remarks:
Total Cost information is in thousands of dollars.

	P-1 ITEM NO 84		PAGE NO: 7 - 83	Page 1 of 1
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BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)							DATE: MAY 2009			
APPROP CODE/BA: APAF/WAR CONSUMABLES				P-1 NOMENCLATURE: ADVANCED AIRBORNE EXPENDABLE DECOY (AAED)						
ITEM NAME/ FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL	
DECOY										
FY2008(1)	742	\$24,677	AFMC/WR-ALC	OPT/FP	RAYTHEON/GOLETA, GA	Aug-08	Oct-09			
FY2009(1)	790	\$25,325	AFMC/WR-ALC	OPT/FP	RAYTHEON/GOLETA, GA	Mar-09	May-10	Yes		
FY2010(1)	778	\$26,644	AFMC/WR-ALC	OPT/FP	RAYTHEON/GOLETA, GA	Mar-10	May-11	Yes		
Remarks: Cost information is in actual dollars. (1) Contract has an FY04 base year with ten option years										
		P-1 ITEM NO 84			PAGE NO: 7 - 84					Page 1 of 1

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)							DATE: MAY 2009	
APPROP CODE/BA: APAF/WAR CONSUMABLES				P-1 NOMENCLATURE: ITEMS LESS THAN \$5 MILLION				
	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	FY2015
QUANTITY								
COST (in Thousands)	\$3,685	\$4,095	\$4,131					
<p>Description:</p> <p>FY 2008 funding totals include \$3.685M of appropriated supplemental funding.</p> <p>The "Items Less Than \$5 Million" line includes commodities such as aerial target rocket motors. These items are applicable across multiple weapon systems. These initial/replacement War Consumable requirements ensure continuation of serviceable, supportable equipment over the life of a weapon system.</p> <p>All items have an annual procurement value of less than \$5 million and are code A. Items requested in FY10 identified on the following P-40A-IL and are representative of items to be procured. Items procured during execution may change based on the most critical equipment needed to support current Air Force mission requirements.</p>								
	P-1 ITEM NO 84		PAGE NO: 7 - 85			Page 1 of 1		

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BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P-40A-IL)	DATE: MAY 2009
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APPROP CODE/BA: APAF/WAR CONSUMABLES	P-1 NOMENCLATURE: 11ITEMS LESS THAN \$5 MILLION
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PROCUREMENT ITEMS	NSN	FY2010		FY2011	
		QTY.	COST	QTY.	COST
REEFING LINE CUTTER	1377015233601	236	\$21		
TITAN 40C RATO & INITIATOR	1340015226689	213	\$4,028		
MK-17 IGNITER	1377001192056	235	\$56		
MK44 IMPULSE CART	1377009873603	236	\$25		
TOTALS:			\$4,131		

Remarks:
Cost information is in thousands of dollars.

	P-1 ITEM NO 84		PAGE NO: 7 - 86	Page 1 of 1
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FISCAL YEAR (FY) 2010 BUDGET ESTIMATES

BP 19 – OTHER PRODUCTION CHARGES

MAY 2009

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Exhibit P-40, Budget Item Justification						Date: May 2009		
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number						P-1 Line Item Nomenclature		
Aircraft Procurement, Air Force, Budget Activity 07, Item No. 85						Other Production Charges		
	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015
Proc Qty								
Total Proc Cost (\$ M)	953.115	582.296	490.344					

Description

FY2008 funding totals include \$81.766M in supplemental funding.
 FY2009 funding totals include \$0 of appropriated supplemental "Bridge" funding, but do not include \$126.0M requested for Overseas Contingency Operations.

The Miscellaneous Production Charges program provides for items which, are not directly related to other procurement line items in this appropriation, cannot be reasonably allocated and charged to other procurement line items in this appropriation, can be managed as separate end items, may contain certain classified programs, and may be alternate mission equipment, not considered a modification, for out of production systems.

The major program drivers in FY10 and FY11 from a budget standpoint are for F-22 Squadron, and Precision Attack Systems procurement.

This program has associated Research Development Test and Evaluation funding in PEs 35116F, 35164F, 64233F, 64240F, 64735F, 27138F, 27170F, and 27136F.

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Exhibit P-40A, Budget Item Justification for Aggregated Items	Date: May 2009
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number	P-1 Line Item Nomenclature
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Aircraft Procurement, Air Force, Budget Activity 07, Item No. 85	Miscellaneous Production Charges
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<u>Procurement Items (\$M)</u>	<u>FY 2008</u>	<u>FY 2009</u>	<u>FY 2010</u>
B-2 Squadrons	0.000	19.507	19.214
C-17 NATO Acquisition and Operations	104.800	0.000	58.248
C-5 Airborne Broadcast Intelligence (ABI)	1.363	1.392	1.406
C-5 RERP	0.000	0.000	12.376
EW POD Sustainment	16.629	41.268	41.647
GLOBAL HAWK	2.884	0.000	0.000
Manned Destructive Suppression	33.099	10.089	0.000
F-22A Squad	125.690	126.420	77.378
JHMCS (Joint Helmet Mounted Cueing System)	47.772	0.000	0.000
F-22	17.742	33.581	0.000
Precision Attack Systems Procurement	152.946	112.259	48.987
Combat Training Range Equipment	15.424	15.580	15.430
C-5 AMP	23.584	7.407	4.882
Electronic Warfare Integrated Reprogramming (EWIR)	5.775	3.235	3.266
Classified Programs	296.272	156.263	146.359
Aerial Targets	5.537	5.133	10.196
NAVSTAR Global Positioning System (GPS) User Equipment	12.508	15.789	19.183
KC-135 Airborne Broadcast Intelligence (ABI)	1.580	1.616	0.000
C-17	1.474	1.477	0.000
C-17 AIRCRAFT	0.000	20.364	26.522
Pollution Prevention	4.709	2.504	2.527
Joint National Training Capability	0.057	2.442	2.723
NATO AWACS Modernization	83.270	5.970	0.000
Total Adjustments	953.115	582.296	490.344

Exhibit P-1900

Date: May 2009

Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number

P-1 Line Item Nomenclature

Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 85

B-2 Squadrons

**FY 2010 PRESIDENT'S BUDGET
FACT SHEET
(Dollars in Millions)**

PROJECT TITLE:

B-2 Squadrons

MODELS OF AIRCRAFT APPLICABLE:

B-2A

DESCRIPTION/JUSTIFICATION:

These funds will be used to fund Depot Activation initiation of B-2 components as directed by HQ AFMC via the Source of Repair Assignment Process (SORAP). Depot Activation of the following efforts is currently scheduled in FY 09/10/11: These efforts include but are not limited to, Special Test Equipment (STE) for contract depot repair, Support Equipment (SE) for organic depot repair and development of Test Program Sets (TPS) necessary to complete organic repair of Avionics components.

PROJECTED FINANCIAL PLAN:

BASIS FOR COST ESTIMATE:

TOTAL COST

	FY 2008	FY 2009	FY 2010
		19.507	19.214
	0.000	19.507	19.214

Exhibit P-1900

Date: May 2009

Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number

P-1 Line Item Nomenclature

Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 85

C-17 NATO Acquisition and Operations

**FY 2010 PRESIDENT'S BUDGET
FACT SHEET
(Dollars in Millions)**

PROJECT TITLE:

C-17 NATO Acquisition and Operations

MODELS OF AIRCRAFT APPLICABLE:

C-17

DESCRIPTION/JUSTIFICATION:

The United States is participating in a consortium of European nations, primarily NATO allies, to pool resources for a strategic airlift capability consisting of 3 C-17 aircraft and associated logistics and training support. The USAF will provide funding for its share of the logistics, infrastructure, personnel and training. The USAF portion of the aircraft procurement will be one C-17 provided as in-kind payment.

PROJECTED FINANCIAL PLAN:

	FY 2008	FY 2009	FY 2010
BASIS FOR COST ESTIMATE:	104.800		58.248
TOTAL COST	104.800	0.000	58.248

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Exhibit P-1900	Date: May 2009
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 85	P-1 Line Item Nomenclature C-5 Airborne Broadcast Intelligence (ABI)

**FY 2010 PRESIDENT'S BUDGET
FACT SHEET
(Dollars in Millions)**

PROJECT TITLE: C-5 Airborne Broadcast Intelligence (ABI)

MODELS OF AIRCRAFT APPLICABLE: C-5

DESCRIPTION/JUSTIFICATION: Mobility Air Forces (MAF) aircraft are increasingly moving closer to the battle and operate within hostile environments while supporting refueling and troop/supply delivery missions. The Air Mobility Command (AMC) Airlift and Air Refueling Mission Area Plans identified a deficiency in the ability to protect MAF aircraft from hostilities during combat operations. To enhance mission safety during these combat operations, it is critical to provide aircrews timely and essential off-board information. Enabling real-time information in the cockpit allows mission adjustments in response to rapidly changing combat conditions while in-flight. The Airborne Broadcast Intelligence (ABI) and Combat Track II (CTII) systems provide real-time intelligence, situational awareness (national/theater intelligence and displays air/land/blue water threats), beyond line-of-sight C2 data, and secure text messaging enabling aircrews to receive updated threat and mission information. To limit system implementation costs, ABI/CTII are roll-on/roll-off systems enabling immediate employment on all MAF aircraft. Without real-time information and C2 communications in the cockpit, MAF aircraft will be forced to continue to operate without secure access to mission critical beyond line-of-sight C2 and situational/threat awareness leaving them vulnerable to enemy threats and hostile actions. These systems are interchangeable between all MAF aircraft.

PROJECTED FINANCIAL PLAN:

	FY 2008	FY 2009	FY 2010
BASIS FOR COST ESTIMATE:			
TOTAL COST	1.363	1.392	1.406
	1.363	1.392	1.406

Exhibit P-1900

Date: May 2009

Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number

P-1 Line Item Nomenclature

Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 85

C-5 RERP

**FY 2010 PRESIDENT'S BUDGET
FACT SHEET
(Dollars in Millions)**

PROJECT TITLE:

C-5 RERP

MODELS OF AIRCRAFT APPLICABLE:

C-5M

DESCRIPTION/JUSTIFICATION:

C-5 modification 6154 [Reliability Enhancement and Re-engining Program (RERP)] is the second phase of an Air Force (AF) planned modernization effort for the C-5 to improve aircraft reliability, maintainability, and availability. RERP will enable the C-5 to achieve wartime mission requirements by increasing fleet availability (mission capable rate, departure reliability). This effort centers around replacing TF39 engines with a more reliable, Commercial Off-the-Shelf (COTS) CF6 (F138 military designation) turbofan engine with increased takeoff thrust and stage three noise compliance. Depots at Robins AFB (730 ACSG), Tinker AFB (OC-ALC), and Hill AFB (OO-ALC) will provide organic depot support for various aspects of the C-5 RERP modified aircraft. This funding will be used to procure items required to stand-up depot support capability for C-5 RERP.

PROJECTED FINANCIAL PLAN:

	FY 2008	FY 2009	FY 2010
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BASIS FOR COST ESTIMATE:

TOTAL COST

	0.000	0.000	12.376
			12.376

Exhibit P-1900

Date: May 2009

Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number

P-1 Line Item Nomenclature

Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 85

EW POD Sustainment

**FY 2010 PRESIDENT'S BUDGET
FACT SHEET
(Dollars in Millions)**

PROJECT TITLE:

EW POD Sustainment

MODELS OF AIRCRAFT APPLICABLE:

A-10, F-16

DESCRIPTION/JUSTIFICATION:

Provides procurement and operations & maintenance funding for sustaining Electronic Warfare pods and associated test equipment. These pods are used to counter adversary ground and airborne radar systems used to detect and target Air Force aircraft.

PROJECTED FINANCIAL PLAN:

BASIS FOR COST ESTIMATE:

TOTAL COST

	FY 2008	FY 2009	FY 2010
	16.629	41.268	41.647
	16.629	41.268	41.647

Exhibit P-1900

Date: May 2009

Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number

P-1 Line Item Nomenclature

Aircraft Procurement, Air Force, Budget Activity , , Item No. 85

GLOBAL HAWK

**FY 2010 PRESIDENT'S BUDGET
FACT SHEET
(Dollars in Millions)**

PROJECT TITLE:

GLOBAL HAWK

MODELS OF AIRCRAFT APPLICABLE:

DESCRIPTION/JUSTIFICATION:

FY2008 funding totals include \$2.884M in supplemental funding

The Global Hawk System provides high altitude, deep look, long endurance intelligence, surveillance, and reconnaissance (ISR) capability that compliments space and other airborne collectors during peacetime, crisis, and war-fighting scenarios.

PROJECTED FINANCIAL PLAN:

BASIS FOR COST ESTIMATE:

TOTAL COST

	FY 2008	FY 2009	FY 2010
	2.884		
TOTAL COST	2.884	0.000	0.000

Exhibit P-1900

Date: May 2009

Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number

P-1 Line Item Nomenclature

Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 85

Manned Destructive Suppression

**FY 2010 PRESIDENT'S BUDGET
FACT SHEET
(Dollars in Millions)**

PROJECT TITLE:

Manned Destructive Suppression

MODELS OF AIRCRAFT APPLICABLE:

F-16 Block 50/52

DESCRIPTION/JUSTIFICATION:

FY 2008 funding totals include \$23.038M in supplemental funding

The AN/ASQ-213 pod is the key component of the HARM Targeting System (HTS). The HTS pod senses radar emissions and provides targeting information to the F-16 Block 50/52 pilot and the HARM Missile. This permits launch using the missiles' most lethal 'range known' mode. The F-16 HTS provides the only USAF HARM Suppression of Enemy Air Defenses (SEAD) capability. HTS Release (R7) is the latest version and includes multi-ship precision geolocation targeting which adds the capability to provide targeting information for satellite guided precision munitions. The Air Force has a shortage of HTS Pods. During Operation Allied Force a significant portion of HTS assets were deployed causing home station aircrew training to cease due to lack of HTS pods. Total inventory of HTS Pods will be approximately 292.

PROJECTED FINANCIAL PLAN:

	FY 2008	FY 2009	FY 2010
BASIS FOR COST ESTIMATE:	33.099	10.089	0.000
TOTAL COST	33.099	10.089	0.000

Exhibit P-1900

Date: May 2009

Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number

P-1 Line Item Nomenclature

Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 85

F-22A Squad

**FY 2010 PRESIDENT'S BUDGET
FACT SHEET
(Dollars in Millions)**

PROJECT TITLE:

F-22A Squad

MODELS OF AIRCRAFT APPLICABLE:

F-22A

DESCRIPTION/JUSTIFICATION:

Depot Core Activation - This request is a requirement to activate the F-22 core capability by partnering with ALCs. Requirement includes the purchase of Initial Outfitting Equipment (IOE) to support F-22 related ALC facility standup.

PROJECTED FINANCIAL PLAN:

	FY 2008	FY 2009	FY 2010
BASIS FOR COST ESTIMATE:			
	125.690	126.420	77.378
TOTAL COST	125.690	126.420	77.378

Exhibit P-1900

Date: May 2009

Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number

P-1 Line Item Nomenclature

Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 85

JHMCS (Joint Helmet Mounted Cueing System)

**FY 2010 PRESIDENT'S BUDGET
FACT SHEET
(Dollars in Millions)**

PROJECT TITLE:

JHMCS (Joint Helmet Mounted Cueing System)

MODELS OF AIRCRAFT APPLICABLE:

F-15 C/D/E, F-16 Blk 25/30/40/50

DESCRIPTION/JUSTIFICATION:

JHMCS is a joint Air Force/Navy program (Air Force is the lead service) to develop and field a helmet display system capable of depicting aircraft heading data, pilot's viewing perspective, target indication tracking/cueing, and other information on the aircrew visor to enhance pilot situational awareness. This display allows the pilot to quickly align platform sensors and weapons on targets, and engage threats using high off-boresight (HOBS) weapons such as the AIM-9X. This funding procures the equipment to establish the initial organic depot at WR-ALC and Crane.

PROJECTED FINANCIAL PLAN:

BASIS FOR COST ESTIMATE:

TOTAL COST

	FY 2008	FY 2009	FY 2010
	47.772	0.000	0.000
TOTAL COST	47.772	0.000	0.000

Exhibit P-1900

Date: May 2009

Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number

P-1 Line Item Nomenclature

Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 85

F-22

**FY 2010 PRESIDENT'S BUDGET
FACT SHEET
(Dollars in Millions)**

PROJECT TITLE:

F-22

MODELS OF AIRCRAFT APPLICABLE:

F-22A

DESCRIPTION/JUSTIFICATION:

Other Useful Loads - This request provides for units necessary to support electronic warfare requirements. Due to classified details of program, additional information is available on a need-to-know basis.

PROJECTED FINANCIAL PLAN:

BASIS FOR COST ESTIMATE:

F-22A
TOTAL COST

	FY 2008	FY 2009	FY 2010
F-22A	17.742	33.581	0.000
TOTAL COST	17.742	33.581	0.000

Exhibit P-1900	Date: May 2009
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 85	P-1 Line Item Nomenclature Precision Attack Systems Procurement
<p style="text-align: center;">FY 2010 PRESIDENT'S BUDGET FACT SHEET (Dollars in Millions)</p> <p>PROJECT TITLE: Precision Attack Systems Procurement</p> <p>MODELS OF AIRCRAFT APPLICABLE: F-16, F-15E, A-10, B-52, B-1</p> <p>DESCRIPTION/JUSTIFICATION:</p> <p>FY2008 funding total includes \$45.355 of appropriated supplemental funding. FY09 funding totals include \$0 of appropriated "Bridge" funding, but do not include \$126M requested for Overseas Contingency Operations. FY2010 funding totals do not include \$182M requested for Overseas Contingency Operations.</p> <p>Advanced Targeting Pods (ATPs) provide long-range target acquisition and expanded weapon delivery envelopes for greater aircraft survivability. ATPs feature an infrared (IR) sensor, charged coupled device television (CCD-TV), laser designator, eye-safe laser, laser spot tracker, infrared marker, and real-time Video Data Link (VDL) for connectivity with ground forces. ATP capabilities, such as greater aircraft standoff, high resolution imagery, eye safe laser, high system reliability and smaller deployment footprint provide greater combat effectiveness across several mission areas, including suppression/destruction of enemy air defenses (SEAD/DEAD), precision air interdiction, close air support (CAS), non-traditional intelligence, surveillance and reconnaissance (NTISR), reconnaissance, and time-sensitive targeting. VDL provides ground forces improved combat identification (CID) effectiveness resulting in quicker kills with reduced collateral damage and fratricide. Laser Infrared Targeting and Navigating (LITENING) and Sniper are ATPs currently used by the active duty, Air National Guard (ANG), and Air Force Reserve Command (AFRC). Follow-on acquisition activities are ongoing for the next increment in ATP capability known as the Advanced Targeting Pod - Sensor Enhancement (ATP-SE), with expected award in FY10. With the follow-on ATP-SE program, ICS, support costs, depot stand-up and associated tooling costs will be required.</p>	
P-1 Shopping List Item No. 85	P-1900 Exhibit P-1900, page 13 of 24

Exhibit P-1900

Date: May 2009

Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number

P-1 Line Item Nomenclature

Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 85

Precision Attack Systems Procurement

PROJECTED FINANCIAL PLAN:

	FY 2008	FY 2009	FY 2010
BASIS FOR COST ESTIMATE:	152.946	112.259	48.987
TOTAL COST	152.946	112.259	48.987

Exhibit P-1900

Date: May 2009

Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number

P-1 Line Item Nomenclature

Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 85

Combat Training Range Equipment

**FY 2010 PRESIDENT'S BUDGET
FACT SHEET
(Dollars in Millions)**

PROJECT TITLE:

Combat Training Range Equipment

MODELS OF AIRCRAFT APPLICABLE:

A-10, F-15, F-16, F-22A, F-35, B-52, B-1, B-2

DESCRIPTION/JUSTIFICATION:

FY10 funding will be used to acquire airborne subsystems to provide "rangeless and tethered" training capabilities of the P5 Combat Training System (P5CTS). This system provides the instrumentation to train aircrews in air-to-air, air-to-ground, and ground-to-air combat under simulated combat conditions in any available airspace worldwide and eliminates the need to fly over highly instrumented ground ranges. The system also provides the capability to train aircrews in electronic warfare during joint-force training exercises. Funding in FY10 will also be used to purchase related airborne subsystems equipment such as peculiar support equipment and umbilicals. In addition, FY10 funding will be used to purchase engineering, technical and operational services applicable to the acquisition, fielding and support of the airborne subsystems.

PROJECTED FINANCIAL PLAN:

BASIS FOR COST ESTIMATE:

Air Combat Training Systems (ACTS)
-- P5 Combat Training Systems (P5CTS)

	FY 2008	FY 2009	FY 2010
	15.424	15.580	15.430
TOTAL COST	15.424	15.580	15.430

Exhibit P-1900

Date: May 2009

Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number

P-1 Line Item Nomenclature

Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 85

C-5 AMP

**FY 2010 PRESIDENT'S BUDGET
FACT SHEET
(Dollars in Millions)**

PROJECT TITLE:

C-5 AMP

MODELS OF AIRCRAFT APPLICABLE:

DESCRIPTION/JUSTIFICATION:

C-5 modification 6038 [Avionics Modernization Program (AMP)] is the first phase of an Air Force planned modernization effort for the C-5. AMP implements Communication, Navigation, Surveillance/Air Traffic management (CNS/ATM) [formerly, Global Air Traffic Management (GATM)], navigation/safety capability, and the All Weather Flight Control System (AWFCS). It installs Deputy Secretary of Defense (DepSecDef) directed navigation/safety equipment: Terrain Awareness and Warning System (TAWS) and Traffic Alert and Collision Avoidance System (TCAS), reducing the threat of controlled flight into terrain and mid-air collisions. CNS/ATM capability requirements will be incorporated into the aircraft to meet current and future International Civil Aviation Organization (ICAO)/Federal Aviation Administration (FAA) requirements and to progress towards free flight capability. The AWFCS portion of AMP replaces low reliability Line Replaceable Units (LRUs) in the automatic flight control system and replaces aging, non-supportable mechanical instruments in the engine and flight systems.

Depots at Robins AFB (730 ACSG), Tinker AFB (OC-ALC), and Hill AFB (OO-ALC) will provide organic depot support for various aspects of the C-5 AMP avionics package. This funding will be used to procure items required to stand-up an AMP depot support capability for C-5 aircraft.

PROJECTED FINANCIAL PLAN:

	FY 2008	FY 2009	FY 2010
BASIS FOR COST ESTIMATE:			
TOTAL COST	23.584	7.407	4.882
	23.584	7.407	4.882

Exhibit P-1900

Date: May 2009

Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number

P-1 Line Item Nomenclature

Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 85

Electronic Warfare Integrated Reprogramming (EWIR)

**FY 2010 PRESIDENT'S BUDGET
FACT SHEET
(Dollars in Millions)**

PROJECT TITLE:

Electronic Warfare Integrated Reprogramming (EWIR)

MODELS OF AIRCRAFT APPLICABLE:

Multiple A/C

DESCRIPTION/JUSTIFICATION:

This program funds equipment and aircraft system components for the EW Avionics Integrated Support Facility (EWASIF) to provide critical reprogramming of EW systems for all Air Force and Foreign Military Sales customers.

PROJECTED FINANCIAL PLAN:

BASIS FOR COST ESTIMATE:

	FY 2008	FY 2009	FY 2010
TOTAL COST	5.775	3.235	3.266
	5.775	3.235	3.266

Exhibit P-1900

Date: May 2009

Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number

P-1 Line Item Nomenclature

Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 90

Classified Programs

**FY 2010 PRESIDENT'S BUDGET
FACT SHEET
(Dollars in Millions)**

PROJECT TITLE:

Classified Programs

MODELS OF AIRCRAFT APPLICABLE:

N/A

DESCRIPTION/JUSTIFICATION:

Details of this program are available on a need-to-know basis.

PROJECTED FINANCIAL PLAN:

BASIS FOR COST ESTIMATE:

	FY 2008	FY 2009	FY 2010
TOTAL COST	296.272	156.263	146.359
	296.272	156.263	146.359

UNCLASSIFIED

<p>Exhibit P-1900</p> <p>Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number</p> <p>Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 85</p>	<p align="right">Date: May 2009</p> <p>P-1 Line Item Nomenclature</p> <p>NAVSTAR Global Positioning System (GPS) User Equipment</p>								
<p align="center">FY 2010 PRESIDENT'S BUDGET FACT SHEET (Dollars in Millions)</p>									
<p>PROJECT TITLE:</p>	<p>NAVSTAR Global Positioning System (GPS) User Equipment</p>								
<p>MODELS OF AIRCRAFT APPLICABLE:</p>	<p>A-10A,B-1B, B-2A,B-52H,C-5A/B/C,C-17A,C-20A/B/H,C-21A,C-38A, C-130, C-141B/C, C/KC-135, CV-22,VC-25A,E-3B/C, E-4B, E-8C, E-9A, F-15C/D/E, F-16C/D, F-117A,F/A-22, HH-60,KC-10A, MH-53J/M, RC-135, RQ-1A,T-38C,T-43A,U-2S, UH-1N, Global Hawk, Predator</p>								
<p>DESCRIPTION/JUSTIFICATION:</p>	<p>Navstar GPS is a space-based navigation system that provides users with precise position, velocity, and time using passive receivers on a day/night all-weather world-wide basis. These funds provide for the procurement of appropriate software support, Diminishing Manufacturer Sources and Material Shortages (DMSMS) components, and test assets utilized in the sustainment phase of the GPS User Equipment life cycle. This program also includes production engineering and testing of UE modifications and pre-planned product improvements to these units.</p>								
<p>PROJECTED FINANCIAL PLAN:</p>	<table border="0"> <tr> <td></td> <td align="center">FY 2008</td> <td align="center">FY 2009</td> <td align="center">FY 2010</td> </tr> </table>		FY 2008	FY 2009	FY 2010				
	FY 2008	FY 2009	FY 2010						
<p>BASIS FOR COST ESTIMATE:</p> <p>Non-recurring/Integration</p> <p>TOTAL COST</p>	<table border="0"> <tr> <td></td> <td align="center">12.508</td> <td align="center">15.789</td> <td align="center">19.183</td> </tr> <tr> <td></td> <td align="center">12.508</td> <td align="center">15.789</td> <td align="center">19.183</td> </tr> </table>		12.508	15.789	19.183		12.508	15.789	19.183
	12.508	15.789	19.183						
	12.508	15.789	19.183						
<p align="center">P-1 Shopping List Item No. 85</p>	<p align="right">P-1900 Exhibit P-1900, page 19 of 24</p>								

Exhibit P-1900	Date: May 2009
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 85	P-1 Line Item Nomenclature KC-135 Airborne Broadcast Intelligence (ABI)
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**FY 2010 PRESIDENT'S BUDGET
FACT SHEET
(Dollars in Millions)**

PROJECT TITLE: KC-135 Airborne Broadcast Intelligence (ABI)

MODELS OF AIRCRAFT APPLICABLE: KC-135

DESCRIPTION/JUSTIFICATION: Mobility Air Forces (MAF) aircraft are increasingly moving closer to the battle and operating within hostile environments while supporting refueling and troop/supply delivery missions. The Air Mobility Command (AMC) Airlift and Air Refueling Mission Area Plans identified a deficiency in the ability to protect MAF aircraft from hostilities during combat operations. To enhance mission safety during these combat operations it is critical to provide aircrews timely and essential off-board information. Enabling real-time information in the cockpit allows mission adjustments in response to rapidly changing combat conditions while in-flight. The Airborne Broadcast Intelligence (ABI) and Combat Track II (CTII) systems provide real-time intelligence, situational awareness (national/theater intelligence and displays air/land/blue water threats), beyond line-of-sight C2 data, and secure text messaging enabling aircrews to receive updated threat and mission information. To limit system implementation costs, ABI/CTII are roll-on/roll-off systems enabling immediate employment on all MAF aircraft. Without real-time information and C2 communications in the cockpit, MAF aircraft will be forced to continue to operate without secure access to mission critical beyond line-of-sight C2 and situational/threat awareness leaving them vulnerable to enemy threats and hostile actions. These systems are interchangeable between all MAF aircraft.

PROJECTED FINANCIAL PLAN:	FY 2008	FY 2009	FY 2010
BASIS FOR COST ESTIMATE:			
TOTAL COST	1.580	1.616	0.000

Exhibit P-1900

Date: May 2009

Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number

P-1 Line Item Nomenclature

Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 85

C-17

**FY 2010 PRESIDENT'S BUDGET
FACT SHEET
(Dollars in Millions)**

PROJECT TITLE:

C-17

MODELS OF AIRCRAFT APPLICABLE:

C-17

DESCRIPTION/JUSTIFICATION:

Funds will provide Modern Intermediate Level Teststand (MILT) and peculiar supply equipment for maintenance training devices for the C-17 strategic airlift squadrons (ANG).

PROJECTED FINANCIAL PLAN:

BASIS FOR COST ESTIMATE:

	FY 2008	FY 2009	FY 2010
TOTAL COST	1.474	1.477	0.000

UNCLASSIFIED

Exhibit P-1900

Date: May 2009

Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number

P-1 Line Item Nomenclature

Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 85

C-17 AIRCRAFT

**FY 2010 PRESIDENT'S BUDGET
FACT SHEET
(Dollars in Millions)**

PROJECT TITLE:

C-17 AIRCRAFT

MODELS OF AIRCRAFT APPLICABLE:

C-17

DESCRIPTION/JUSTIFICATION:

This activity is for the depot activation of the C-17 system at the three USAF Air Logistic Centers (ALC).

PROJECTED FINANCIAL PLAN:

BASIS FOR COST ESTIMATE:

TOTAL COST

FY 2008	FY 2009	FY 2010
	20.364	26.522
0.000	20.364	26.522

Exhibit P-1900

Date: May 2009

Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number

P-1 Line Item Nomenclature

Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 85

Pollution Prevention

**FY 2010 PRESIDENT'S BUDGET
FACT SHEET
(Dollars in Millions)**

PROJECT TITLE:

Pollution Prevention

MODELS OF AIRCRAFT APPLICABLE:

N/A

DESCRIPTION/JUSTIFICATION:

Installations and Government Owned, Contractor Operated (GOCO) facilities throughout the Air Force require and are authorized equipment, facility projects, and services that must be acquired to accomplish the DoD and Air Force pollution prevention goals. These goals are a direct result of the Pollution Prevention Act of 1990, Montreal Protocol, Executive Order 12856 and 12873, the DoD Comprehensive Pollution Prevention Strategy, and the Air Force Pollution Prevention Strategy. This budget item identifies the pollution prevention initiatives required to reduce and prevent harmful releases of hazardous and toxic materials to the air, land, and water. It includes requirements such as refrigerant recovery equipment, recycling equipment, efforts to reduce solid waste generation, enhance hazardous material management practices, hazardous waste minimization efforts, and opportunity assessments to identify pollution prevention opportunities.

PROJECTED FINANCIAL PLAN:

BASIS FOR COST ESTIMATE:

TOTAL COST

	FY 2008	FY 2009	FY 2010
	4.709	2.504	2.527
TOTAL COST	4.709	2.504	2.527

UNCLASSIFIED

Exhibit P-1900	Date: May 2009
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 85	P-1 Line Item Nomenclature NATO AWACS Modernization
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**FY 2010 PRESIDENT'S BUDGET
FACT SHEET
(Dollars in Millions)**

PROJECT TITLE: NATO AWACS Modernization

MODELS OF AIRCRAFT APPLICABLE: E-3A

DESCRIPTION/JUSTIFICATION: NATO E-3 aircraft provide air and maritime surveillance and air control for allied forces in the NATO area of operations. This project provides the U.S. share of the total NATO Airborne Early Warning and Control Modernization Program and modernization efforts. The modernization program includes but is not limited to the NATO Mid-Term (NMT) project, the Large Aircraft Infrared Counter-Measures (LAIRCM) project, and future projects. The NMT project upgrades the mission computers, provides improved man-machine interfaces, Multi-Sensor Integration (MSI), digital communications, satellite communications, and adds 5 new consoles to the aircraft. These Mid-Term projects will update the NATO E-3 aircraft with capabilities to maintain fleet operational effectiveness and interoperability well into the 21st century. The LAIRCM project installs a self-defense capability into the NATO E-3 fleet enabling contingency operations, to include participation in the NATO Response Force (NRF), beyond NATO Area of Operations while continuing to maintain a level of security for the aircraft. Future modernization projects may include but are not limited to Communications Navigation Surveillance/Air Traffic Management (CNS/ATM), Mode 5, and Enhanced Mode S. These future projects will enable the aircraft to operate in all types of civil airspace, meet the military requirements for Identification Friend or Foe Interrogation and sustain the NATO fleet for the future needs of NATO. No funding has been requested in the Fiscal Year Defense Plan toward the future modernization projects.

PROJECTED FINANCIAL PLAN:

	FY 2008	FY 2009	FY 2010
BASIS FOR COST ESTIMATE:			
NATO AWACS-Near/Mid Term	83.270	5.970	0.000
TOTAL COST	83.270	5.970	0.000

UNCLASSIFIED

Exhibit P-40, Budget Item Justification	Date: May 2009
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 88	P-1 Line Item Nomenclature DARP
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	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015
Proc Qty								
Total Proc Cost (\$ M)	27.692	20.971	15.323					

Description

FY2009 funding total include \$0 of appropriated supplemental "Bridge" funding, but do not include \$17.4M requested for Overseas Contingency Operations.

This program provides centralized funding for multi-Service and Air Force requirements to field future airborne reconnaissance systems. Information pertaining to DARP programs is classified and available on a need-to-know basis. However, efforts include Mission Planning Systems, Airframe, Synthetic Aperture Radar, Avionics, Data Links, Defensive System, Electro/Optical Sensors, Engines, Life Support and Signals Intelligence (SIGINT).

Exhibit P-1900

Date: May 2009

Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number

P-1 Line Item Nomenclature

Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 88

DARP

**FY 2010 PRESIDENT'S BUDGET
FACT SHEET
(Dollars in Millions)**

PROJECT TITLE:

MODELS OF AIRCRAFT APPLICABLE:

N/A

DESCRIPTION/JUSTIFICATION:

Information pertaining to DARP programs is classified and available on a need-to-know basis. However, efforts include Mission Planning Systems, Airframe, Synthetic Aperture Radar, Avionics, Data Links, Defensive System, Electro/Optical Sensors, Engines, Life Support and Signals Intelligence (SIGINT).

PROJECTED FINANCIAL PLAN:

BASIS FOR COST ESTIMATE:

TOTAL COST

FY 2008	FY 2009	FY 2010
27.692	20.971	15.323
27.692	20.971	15.323

UNITED STATES AIR FORCE

Committee Staff Procurement Backup Book

FY 2010 Overseas Contingency

Operations Request



May 2009

AIRCRAFT PROCUREMENT, AIR FORCE

VOLUME I

OPR: SAF/FMB

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BUDGET ACTIVITY 05: MODIFICATION OF INSERVICE AIRCRAFT

(SUBMITTED AS VOLUME II)

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BUDGET ACTIVITY 07: AIRCRAFT SUPPORT EQUIPMENT AND FACILITIES

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P-1 Line Item No. 85 - INITIAL SPARES/REPAIR PARTS

6 – 1

COMMON SUPPORT EQUIPMENT (BP-1200)

POST PRODUCTION SUPPORT (BP-1300)

P-1 Line Item No. 76 - C-17

7 – 3

INDUSTRIAL PREPAREDNESS (BP-1400)

N/A

WAR CONSUMABLES (BP-1700)

N/A

OTHER PRODUCTION CHARGES (BP-1900)

P-1 Line Item No. 81 - Other Production Charges

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FY 2010 Overseas Contingency Operations Supplemental - Procurement P-1 Exhibit

Appropriation	BA	P-1 Line	BP	Line Item Name	Quantity	FY10 OCO (\$000)
APAF	02	6	10	C-130J	1	\$ 72,000
APAF	05	64	11	OTHACF		\$ 18,000
APAF	05	28	11	B-1		\$ 20,500
APAF	05	30	11	A-10		\$ 10,000
APAF	05	32	11	F-16		\$ 20,025
APAF	05	34	11	C-5		\$ 57,400
APAF	05	37	11	C-17		\$ 132,300
APAF	05	52	11	C-130		\$ 210,800
APAF	05	54	11	C-135		\$ 16,916
APAF	05	56	11	DARP		\$ 10,300
APAF	05	63	11	HC-130		\$ 7,000
APAF	05	64	11	OTHACF		\$ 72,000
APAF	05	65	11	MQ-1		\$ 65,000
APAF	05	66	11	MQ-9		\$ 99,200
APAF	07	85	19	Initial Spares		\$ 4,000
APAF	07	76	13	C-17		\$ 11,000
APAF	07	85	19	Other Production Charges		\$ 110,000
Total APAF						\$ 936,441

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FY 2010 OVERSEAS CONTINGENCY OPERATIONS REQUEST

BUDGET ACTIVITY 02 – AIRLIFT AIRCRAFT

MAY 2009

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Exhibit P-40, Budget Item Justification	Date: May 2009
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number Aircraft Procurement, Air Force, Budget Activity 02, Airlift Aircraft, Item No. 6	P-1 Line Item Nomenclature C-130J
---	---

Program Element for Code B Items:		N/A			Other Related Program Elements:			
	ID Code	Prior Years	FY08 SUPP	FY09 Bridge	FY09 OCOSR Pending	FY10 OCOR	To Comp	Total
Proc Qty	A		25			1		26
Cost (\$ M)			1660.856			72.000	N/A	N/A
Advance Proc Cost (\$ M)							N/A	N/A
Weapon System Cost (\$ M)		0.000	1660.856	0.000	0.000	72.000	N/A	N/A
Initial Spares (\$ M)							N/A	N/A
Total Proc Cost (\$ M)		0.000	1660.856	0.000	0.000	72.000	N/A	N/A
Flyaway Unit Cost (\$ M)							N/A	N/A
Wpn Sys Unit Cost (\$ M)							N/A	N/A

Description
 The C-130J is a medium-size transport aircraft capable of performing a variety of combat delivery (tactical airlift) operations across a broad range of mission environments. The C-130J aircraft, with its extended (by 15 ft) fuselage, provides additional cargo carrying capacity for the USAF combat delivery mission compared with legacy C-130E/Hs and the C-130J (short). Special mission variants of the C-130J conduct airborne psychological operations (EC-130J) and weather reconnaissance (WC-130J).

FY 2010 Program Justification
 Procures 1 C-130J aircraft to replace C-130H2 lost during operation in Operation Iraqi Freedom.

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Exhibit P-5, Weapon System Cost Analysis	Date: May 2009
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number Aircraft Procurement, Air Force, Budget Activity 02, Airlift Aircraft, Item No. 6	P-1 Line Item Nomenclature C-130J
---	---

Manufacturer's Name/Plant City/State Location Lockheed Martin Aero-Marietta	Subline Item C-130J (BPAC 10400C)
--	--------------------------------------

Weapon System Cost Elements	Ident Code	Total Cost in Millions of Dollars											
		FY08 SUPP			FY09 Bridge			FY09 OCOSR Pending			FY10 OCOR		
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
Combat Delivery Airframe	A	18	60.667	1092.006							1	62.300	62.300
Tanker Airframe		7	69.100	483.700									
Other Government Furnished Equipment (GFE)	A			41.750									2.000
FLYAWAY COST SUBTOTAL				1617.456									64.300
Airframe Peculiar Ground Support Equipment (PGSE)	A			3.500									0.700
ISS	A			29.400									5.500
SUPPORT COST SUBTOTAL				32.900									6.200
Diminishing Manufacturing Sources	A			10.500									1.500
TOTAL PROGRAM				1660.856									72.000

Comments
Effective 1 Oct 99, initial spares requirements migrated to Interim Supply Support (ISS) under the Reengineered Supply Support Process (RSSP) umbrella.

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Exhibit P-5, Weapon System Cost Analysis	Date: May 2009
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number Aircraft Procurement, Air Force, Budget Activity 02, Airlift Aircraft, Item No. 6	P-1 Line Item Nomenclature C-130J
---	---

Manufacturer's Name/Plant City/State Location Lockheed Martin Aero-Marietta	Subline Item C-130J (BPAC 10400C)
--	--------------------------------------

Weapon System Cost Elements	Ident Code	Cost to Complete		
		Qty	Unit Cost	Total Cost
		Combat Delivery Airframe	A	
Tanker Airframe				
Other Government Furnished Equipment (GFE)	A			
FLYAWAY COST SUBTOTAL				
Airframe Peculiar Ground Support Equipment (PGSE)	A			
ISS	A			
SUPPORT COST SUBTOTAL				
Diminishing Manufacturing Sources	A			
TOTAL PROGRAM				

Comments
Effective 1 Oct 99, initial spares requirements migrated to Interim Supply Support (ISS) under the Reengineered Supply Support Process (RSSP) umbrella.

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Exhibit P-5A, Procurement History and Planning	Date: May 2009
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number Aircraft Procurement, Air Force, Budget Activity 02, Airlift Aircraft, Item No. 6	P-1 Line Item Nomenclature C-130J
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<u>Weapon System</u>				Subline Item								
C-130J				C-130J (BPAC 10400C)								
WBS Cost Elements	Qty	Unit Cost	Location of PCO	RFP Issue Date	Contract Method	Contract Type	Contractor and Location	Award Date	Date of First Delivery	Specs Available Now?	Date Revision Available?	
Lockheed Martin - Aero-Marietta FY08 Supp	16	60.667	WPAFB	Jul-08	C	FFP	Lockheed Martin - Aero, Marietta, GA 30063-0290	Aug-08	Jun-11	Yes		
Lockheed Martin - Aero-Marietta FY08 Supp	6	69.100	WPAFB	Jul-08	C	FFP	Lockheed Martin - Aero, Marietta, GA 30063-0290	Jan-09	Sep-11	No	Jun-09	
Lockheed Martin - Aero-Marietta FY08 Supp	2	TBD	WPAFB	Jul-08	C	FFP	Lockheed Martin - Aero, Marietta, GA 30063-0290	Aug-09	Jun-12	Yes		
Lockheed Martin - Aero-Marietta FY08 Supp	1	TBD	WPAFB	Jul-08	C	FFP	Lockheed Martin - Aero, Marietta, GA 30063-0290	Aug-09	Apr-12	No	Jun-09	
Lockheed Martin - Aero-Marietta FY10 OCOR	1	62.300	WPAFB	Jul-10	C	FFP	Lockheed Martin - Aero, Marietta, GA 30063-0290	Jan-10	Jun-12	Yes		

Remarks

The FY08 Supp aircraft are being placed on a FAR Part 15 option contract.

22 of the 25 FY08 Supp aircraft are on contract. In Aug 09, USAF expects to award the remaining 3 FY08 Supp aircraft (2 C-130Js and 1 MC-130J) after final price negotiations.

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FY 2010 OVERSEAS CONTINGENCY OPERATIONS REQUEST

BUDGET ACTIVITY 05 – OTHER AIRCRAFT

MAY 2009

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Exhibit P-40, Budget Item Justification					Date: May 2009			
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number Aircraft Procurement, Air Force, Budget Activity 05, Other Aircraft, Item No. 64					P-1 Line Item Nomenclature Interim Gateway (OTHACF)			
Program Element for Code B Items:		N/A			Other Related Program Elements:			
	ID Code	Prior Years	FY08 SUPP	FY09 Bridge	FY09 OCOSR Pending	FY10 OCOR	To Comp	Total
Proc Qty	A							0
Total Proc Cost (\$ M)			0.000	0.000	0.000	18.000	N/A	N/A
Description								
<p>Procures one Bombardier Global Express BD-700 aircraft to host Interim Gateway payload (aka Battlefield Airborne Communications Node [BACN]). Provides data link and voice relay/translation, ensuring positive C3 in mountainous terrain. Aircraft was modified originally in FY07 and FY08 as a test asset for the Objective Gateway program (PE 0207434F). Deployed since Dec. 08 in support of Operation Enduring Freedom.</p>								
FY 2010 Program Justification								
<p>Already modified and flying in combat. Aircraft is currently being leased, but cost analysis supports procurement vice continued leasing based on projected 3-year extension of current deployment.</p>								
P-1 Shopping List Item No. 64					Budget Item Justification Exhibit P-40, page 1 of 6			

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Exhibit P-5, Weapon System Cost Analysis	Date: May 2009
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number Aircraft Procurement, Air Force, Budget Activity 05, Other Aircraft, Item No. 64	P-1 Line Item Nomenclature Interim Gateway (OTHACF)
--	---

Manufacturer's Name/Plant City/State Location N/A. Procures existing aircraft	Subline Item
--	--------------

Weapon System Cost Elements	Ident Code	Total Cost in Millions of Dollars											
		FY08 SUPP			FY09 Bridge			FY09 OCOSR Pending			FY10 OCOR		
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
Bombardier Global Express BD-700 (1)											1		18.000
TOTAL PROGRAM													

Comments

Exhibit P-5, Weapon System Cost Analysis	Date: May 2009
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number Aircraft Procurement, Air Force, Budget Activity 05, Other Aircraft, Item No. 64	P-1 Line Item Nomenclature Interim Gateway (OTHACF)
--	---

Manufacturer's Name/Plant City/State Location	Subline Item
N/A. Procures existing aircraft	

Weapon System Cost Elements	Ident Code	Cost to Complete		
		Qty	Unit Cost	Total Cost
		Bombardier Global Express BD-700 (1)		
TOTAL PROGRAM				

Comments

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Exhibit P-5A, Procurement History and Planning	Date: May 2009
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number Aircraft Procurement, Air Force, Budget Activity 05, Other Aircraft, Item No. 64	P-1 Line Item Nomenclature Interim Gateway (OTHACF)
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<u>Weapon System</u>					Subline Item							
Interim Gateway												
WBS Cost Elements	Qty	Unit Cost	Location of PCO	RFP Issue Date	Contract Method	Contract Type	Contractor and Location	Award Date	Date of First Delivery	Specs Available Now?	Date Revision Available?	
Bombardier Global Express BD-700	1	18.000	ESC, Hanscom AFB, MA		FFP	FFP	Bombardier Aerospace, Windsor, CT	Dec-09	Mar-10	Yes		

Remarks

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Exhibit P-21, Production Schedule	Date: May 2009
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number Aircraft Procurement, Air Force, Budget Activity 05, Other Aircraft, Item No. 64	P-1 Line Item Nomenclature Interim Gateway (OTHACF)
--	---

PROCUREMENT YEAR	SERV	PROC QTY	ACCEP PRIOR TO 1 OCT 2007	BALANCE DUE AS OF 1 OCT 2007	FISCAL YEAR 2008												FISCAL YEAR 2009												L A T E R
					2007			CALENDAR YEAR 2008									CALENDAR YEAR 2009												
					OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
				0																									
TOTAL																													

ITEM/MANUFACTURER'S NAME	LOCATION	PRODUCTION RATES			PROCUREMENT LEAD TIME			
		MIN SUST	SHIFT HOURS DAYS	M A X	ADMIN LEAD TIME		MFG TIME	TOTAL AFTER 1 OCT
Bombardier Aerospace	Windsor Locks, CT 06096	1		1	PRIOR 1 OCT	AFTER 1 OCT		
					1	1	0	

REMARKS
The aircraft would be purchased with the existing FAA Experimental Airworthiness Certification

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FY 2010 OVERSEAS CONTINGENCY OPERATIONS REQUEST
BUDGET ACTIVITY 07 – AIRCRAFT SUPPORT EQUIPMENT AND FACILITIES
MAY 2009

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Exhibit P-40, Budget Item Justification	Date: May 2009
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number Aircraft Procurement, Air Force, Budget Activity 07, Item No. 85	P-1 Line Item Nomenclature Aircraft Initial Spares
--	--

Program Element for Code B Items:		N/A			Other Related Program Elements:			
	ID Code	Prior Years	FY08 SUPP	FY09 Bridge	FY09 OCOSR Pending	FY10 OCOR	To Comp	Total
Proc Qty	A							
Total Proc Cost (\$ M)			34.004	0.000	0.000	4.000	N/A	N/A

Description

Program Description: Aircraft Initial Spares are required to fill the initial pipeline or inventory for all new aircraft systems, including modifications, support equipment, and other production categories. Initial spares include peculiar reparable and consumable components, assemblies, and subassemblies that must be available for issue at all levels of supply in time to support newly fielded end items.

Initial spares are funded in the two program segments described below.

Working Capital Fund (WCF) Spares. Since FY94 the primary means to purchase initial spares is using obligation authority in the WCF. When the spares are delivered this central procurement account will reimburse the WCF. Types of spares in this program segment are Readiness Spares Packages, New Acquisition Spares, Modification Spares, Support Equipment, Other Production, and Consumables.

Exempt Spares. This program segment finances spares that are not purchased through the WCF. The budget authority is a direct cite on the contract. Types of spares in this program segment are Whole Spare Engines, Whole Spare Quick Engine Change Kits, Contractor Logistics Support, Simulators/Trainers, Classified Equipment, and Munitions.

FY 2010 Program Justification

Initial spares for Advanced Targeting Pods are required to Combatant Comanders to support overseas contingency operations.

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Exhibit P-5, Weapon System Cost Analysis	Date: May 2009
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number Aircraft Procurement, Air Force, Budget Activity 07, Item No. 85	P-1 Line Item Nomenclature Aircraft Initial Spares
--	--

Manufacturer's Name/Plant City/State Location	Subline Item
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Weapon System Cost Elements	Ident Code	Total Cost in Millions of Dollars												
		FY08 SUPP			FY09 Bridge			FY09 OCOSR Pending			FY10 OCOR			
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	
INITIAL SPARES (Budget Program 16)				34.004										4.000
TOTAL PROGRAM				34.004										4.000

Comments

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Exhibit P-40, Budget Item Justification			Date: May 2009	
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number			P-1 Line Item Nomenclature	
Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment, Item No. 81			Other Production Charges	
	FY08 SUPP	FY09 Bridge	FY09 OCOSR Pending	FY10 OCOR
Proc Qty				
Total Proc Cost (\$ M)	81.766	0.000	126.000	110.000

Description

The Miscellaneous Production Charges program provides for items which, are not directly related to other procurement line items in this appropriation, cannot be reasonably allocated and charged to other procurement line items in this appropriation, can be managed as separate end items, may contain certain classified programs, and may be alternate mission equipment, not considered a modification, for out of production systems.

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Exhibit P-40A, Budget Item Justification for Aggregated Items			Date: May 2009	
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment , Item No. 81			P-1 Line Item Miscellaneous Production Charges	
<u>Procurement Items (\$M)</u>	<u>FY08 SUPP</u>	<u>FY09 Bridge</u>	<u>FY09 OCOSR Pending</u>	<u>FY10 OCOR</u>
Advanced Targeting Pod	81.766		126.000	110.000
Total Adjustments	81.766	0.000	126.000	110.000

Exhibit P-1900	Date: May 2009
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 81	P-1 Line Item Nomenclature Advanced Targeting Pod

**FY 2010 OVERSEAS CONTINGENCY OPERATIONS REQUEST
ADVANCED TARGETING POD FACT SHEET
(Dollars in Millions)**

PROJECT TITLE: Advanced Targeting Pod

MODELS OF AIRCRAFT APPLICABLE: F-16, F-15E, A-10, B-52, B-1

DESCRIPTION/JUSTIFICATION: Advanced Targeting Pods (ATPs) provide long-range target acquisition and expanded weapon delivery envelopes for greater aircraft survivability. ATPs feature third generation forward looking infrared (FLIR) sensor, charged coupled device television (CCD-TV), improved laser capability, laser spot tracker (LST), infrared (IR) marker, and real-time video transfer connectivity with ground forces. Greater aircraft standoff, improved resolution, eye safe laser, high system reliability and smaller deployment footprint give ATPs a greater combat effectiveness across several mission areas, including suppression/destruction of enemy air defenses (SEAD/DEAD), precision air interdiction, close air support (CAS), non-traditional intelligence, surveillance and reconnaissance (NTISR), and time-sensitive targeting. The video downlink (VDL) provides ground forces improved combat identification (CID) effectiveness resulting in quicker kills with reduced collateral damage and fratricide. Laser Infrared Targeting and Navigating (LITENING) Advance Technology (AT) and Sniper Extended Range (XR) are ATPs currently used by the active duty, Air National Guard (ANG), and Air Force Reserve Command (AFRC).

PROJECTED FINANCIAL PLAN:

	FY08 SUPP	FY09 Bridge	FY09 OCOSR Pending	FY10 OCOR
BASIS FOR COST ESTIMATE:	81.766		126.000	110.000
TOTAL COST	81.766	0.000	126.000	110.000

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Exhibit P-5, Weapon System Cost Analysis	Date: May 2009
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 76	P-1 Line Item Nomenclature C-17
---	---

Manufacturer's Name/Plant City/State Location Pratt & Whitney/East Hartford, CT	Subline Item
--	--------------

Weapon System Cost Elements	Ident Code	Total Cost in Millions of Dollars											
		FY08 SUPP			FY09 Bridge			FY09 OCOSR Pending			FY10 OCOR		
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
Avionics													
Armament													
Software													
Other Government Furnished Equipment (GFE)													
Engineering Change Orders (ECO)													
Nonrecurring Costs													
Other Costs													
FLYAWAY COST SUBTOTAL													
Airframe Peculiar Ground Support Equipment (PGSE)													
Engine PGSE													
Peculiar Training Equipment													
Publications/Technical Data													
ECOs													
Other												1	11.000
SUPPORT COST SUBTOTAL													11.000
TOTAL PROGRAM													

Comments
FY10 OCOR column supports procurement of replacement C-17 engine lost to battle damage in support of OIF.

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Exhibit P-5, Weapon System Cost Analysis					Date: May 2009
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number					P-1 Line Item Nomenclature
Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 76					C-17
Manufacturer's Name/Plant City/State Location				Subline Item	
Pratt & Whitney/East Hartford, CT					
Weapon System Cost Elements	Ident Code	Cost to Complete			
		Qty	Unit Cost	Total Cost	
		Avionics			
Armament					
Software					
Other Government Furnished Equipment (GFE)					
Engineering Change Orders (ECO)					
Nonrecurring Costs					
Other Costs					
FLYAWAY COST SUBTOTAL					
Airframe Peculiar Ground Support Equipment (PGSE)					
Engine PGSE					
Peculiar Training Equipment					
Publications/Technical Data					
ECOs					
Other					
SUPPORT COST SUBTOTAL					
TOTAL PROGRAM					
Comments					
FY10 OCOR column supports procurement of replacement C-17 engine lost to battle damage in support of OIF.					
P-1 Shopping List Item No. 76				Weapon System Cost Analysis Exhibit P-5, page 3 of 3	