UNITED STATES AIR FORCE

FY 2011 Budget Estimates



February 2010

AIRCRAFT PROCUREMENT, AIR FORCE VOLUME I

OPR: SAF/FMB

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DARP	
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FEBRUARY 2010

SECTION 1:

APPROPRIATION LANGUAGE

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Budget Appendix Extract Language Fiscal Year 2011 Budget Estimate 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 therefore; 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, \$15,366,508,000 to remain available for obligations until September 30, 2013.

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FEBRUARY 2010

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 Furnishe d Equipment

CONOPS - Concept of Operation

CONUS - Continental United States

CPMS - Comprehensive Power Management System

CPT - Cockpit Procedures Trainer

CRA - Continuing Resolution Authority

CTS - Countermeasures Test Set

CY - Current Year

DDTE - Design, Development, Test and Evaluation

ECCM - Electronic Counter Counter Measures

ECM - Electronic Counter Measures

ECO - Engineering Change Orders

EOQ - Economic Order Quantity

ECP - Engineering Change Proposal

EGPWS - Enhance Ground Proximity Warning System

EPA - Economic Price Adjustment

EW - Electronic Warfare

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

PY - Prior Year

R&M - Reliability and Maintainability

RAA - Required Asset Availability

RDT&E - Research, Development, Test and Evaluation

RVSM - Reduced Veriticle 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

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

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

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

FEBRUARY 2010

SECTION 3:

3010F AIRCRAFT, EXHIBIT P-1

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Department of the Air Force FY 2011 President's Budget

Exhibit P-1 FY 2011 Base and Overseas Contingency Operations (OCO) Request

Summary

(Dollars in Thousands)

Appropriation: Aircraft Procurement, Air Force

Budget Activity	FY 2009 (Base & OCO)	FY 2010 Base & OCO Enacted	FY 2010 Supplemental Request	FY 2010 Total
01. Combat Aircraft	5,296,977	2,433,588		2,433,588
02. Airlift Aircraft	3,590,756	3,868,737		3,868,737
03. Trainer Aircraft	22,852	19,792		19,792
04. Other Aircraft	2,291,892	1,998,804	40,000	2,038,804
05. Modification of Inservice Aircraft	4,304,135	4,148,657	157,766	4,306,423
06. Aircraft Spares and Repair Parts	254,673	459,173		459,173
07. Aircraft Supt Equipment & Facilities	1,552,992	1,062,216	12,000	1,074,216
Total Aircraft Procurement, Air Force	17,314,277	13,990,967	209,766	14,200,733

20 Jan 2010

Department of the Air Force FY 2011 President's Budget

Exhibit P-1 FY 2011 Base and Overseas Contingency Operations (OCO) Request

Summary

(Dollars in Thousands)

Appropriation: Aircraft Procurement, Air Force

world account which a south	FY 2011	FY 2011	FY 2011
Budget Activity	Base	oco	Total Request
(A) 医原子基子基分裂 有用之间。			************
01. Combat Aircraft	4,144,281	204,900	4,349,181
02. Airlift Aircraft	1,763,515		1,763,515
03. Trainer Aircraft	69,798		69,798
04. Other Aircraft	2,274,136	339,380	2,613,516
05. Modification of Inservice Aircraft	4,807,329	702,440	5,509,769
06. Aircraft Spares and Repair Parts	622,020	10,900	632,920
07. Aircraft Supt Equipment & Facilities	1,685,429	104,800	1,790,229
Total Aircraft Procurement, Air Force	15,366,508	1,362,420	16,728,928

Exhibit P-1G: FY 2011 President's Budget (Published), as of January 20, 2010 at 14:05:00

20 Jan 2010

Department of the Air Force FY 2011 President's Budget

Exhibit P-1 FY 2011 Base and Overseas Contingency Operations (OCO) Request (Dollars in Thousands)

Appropriation: 3010F Aircraft Procurement, Air Force

Line No Item Nomenclature Budget Activity 01: Combat Aircraft	Ident Code		2009 & OCO) Cost	Bas		FY 2010 Suppleme Reques Quantity	ental	FY: To Quantity		S e c
Tactical Forces										
1 F-35 Less: Advance Procurement (PY)	A		,611,895) -122,704) ,489,191	<u>-</u>	2,248,182) (-171,437) 2,076,745			(-	,248,182) -171,437) ,076,745	
2 F-35 Advance Procurement (CY)			171,437		278,600				278,600	U
3 F-22A Less: Advance Procurement (PY)	A		,057,753) -559,983) 		(216,822) (-138,579) 78,243	2222	****	((216,822) -138,579) 78,243	
4 F-22A Advance Procurement (CY)										
Total Combat Aircraft			138,579 ,296,977		2,433,588	5,5,5,5,5			433,588	U
Budget Activity 02: Airlift Aircraft										
Tactical Airlift										
5 C-17A (MYP)	A	8 2	,488,079	10	2,580,251			10 2	580,251	U
Other Airlift										
6 C-130J Less: Advance Procurement (PY)	А		(24,932)	4	(392,154) (-35,739)				(392,154) (-35,739)	
		2.7.	24,932	-	356,415	170 T. C. T.	and Park T	55.	356,415	
7 C-130J Advance Procurement (CY)			35,739		102,900				102,900	U

Exhibit P-1G: FY 2011 President's Budget (Published), as of January 20, 2010 at 14:05:00

Date: 20 Jan 2010

Department of the Air Force FY 2011 President's Budget

Exhibit P-1 FY 2011 Base and Overseas Contingency Operations (OCO) Request (Dollars in Thousands)

Appropriation: 3010F Aircraft Procurement, Air Force

Date: 20 Jan 2010

Line	Ident	FY 2011 Base	FY 2011 OCO	FY 2011 S Total Request e
No Item Nomenclature	Code	Quantity Cost	Quantity Cost	Quantity Cost c
Budget Activity 01: Combat Aircraft				
Tactical Forces				
1 F-35 Less: Advance Procurement (PY)	А	22 (4,007,842) (-278,600)	1 (204,900)	23 (4,212,742) U (-278,600) U
		3,729,242	204,900	3,934,142
2 F-35 Advance Procurement (CY)		257,000		257,000 U
3 F-22A Less: Advance Procurement (PY)	A	(158,039)		(158,039) U U
		158,039		158,039
4 F-22A Advance Procurement (CY)			*	Ü
Total Combat Aircraft		4,144,281	204,900	4,349,181
Budget Activity 02: Airlift Aircraft				
Tactical Airlift				
5 C-17A (MYP)	A	14,283		14,283 U
Other Airlift				
6 C-130J Less: Advance Procurement (PY)	A	8 (566,167) (-102,900)		8 (566,167) U (-102,900) U
		463,267		463,267
7 C-130J		40.000		48,000 U
Advance Procurement (CY)		48,000		40,000 0

Exhibit P-1G: FY 2011 President's Budget (Published), as of January 20, 2010 at 14:05:00

Department of the Air Force FY 2011 President's Budget

Exhibit P-1 FY 2011 Base and Overseas Contingency Operations (OCO) Request (Dollars in Thousands)

Appropriation: 3010F Aircraft Procurement, Air Force

Total Trainer Aircraft

Date: 20 Jan 2010 FY 2010 FY 2010 Supplemental FY 2010 Base & OCO S FY 2009 Line Tdent. (Base & OCO) Enacted Request Total e Quantity Cost Quantity Cost Quantity Cost c Code Cost No Item Nomenclature Quantity -----U 8 HC-130J A 9 HC-130J U Advance Procurement (CY) U 10 MC-130J A 11 MC-130J U Advance Procurement (CY) (453, 561)(453,561) U 12 HC/MC-130 RECAP A 13 (1,037,445) (-79,782)(-79,782) U Less: Advance Procurement (PY) (-75, 221)----------------373,779 962,224 373,779 13 HC/MC-130 RECAP 79,782 137,360 137,360 U Advance Procurement (CY) 318,032 318,032 U 14 JOINT CARGO AIRCRAFT 3,868,737 Total Airlift Aircraft 3,590,756 3,868,737 Budget Activity 03: Trainer Aircraft UPT Trainers U 15 LIGHT MOBILITY AIRCRAFT 13 4,131 13 4,131 U 16 USAFA POWERED FLIGHT PROGRAM Operational Trainers 15,661 U 15,661 17 JPATS 22,852 _____ ------

Exhibit P-IG: FY 2011 President's Budget (Published), as of January 20, 2010 at 14:05:00

19,792

22,852

19,792

Department of the Air Force FY 2011 President's Budget

Exhibit P-1 FY 2011 Base and Overseas Contingency Operations (OCO) Request (Dollars in Thousands)

Appropriation: 3010F Aircraft Procurement, Air Force

Date: 20 Jan 2010

Line	Ident	FY 2011 Base		FY 2011 OCO		FY 2011 Total Request		s e
No Item Nomenclature	Code	Quantity		Quantity	Cost	Quantit		
NO Item Nomenciature		Quantity	Cost	Qualitity			y Cost	-
8 HC-130J	A	4 3	349,300			4	349,300	U
9 HC-130J								
Advance Procurement (CY)			10,000				10,000	U
10 MC-130J	A	5 4	167,465			5	467,465	U
11 MC-130J								
Advance Procurement (CY)			60,000				60,000	U
12 HC/MC-130 RECAP	A	(6	137,360)				(137,360)	U
Less: Advance Procurement (PY)	17/87		137,360)				(-137,360)	
					****	=		
13 HC/MC-130 RECAP								
Advance Procurement (CY)		88						U
14 JOINT CARGO AIRCRAFT	A		351,200			8	351,200	U
m. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.							1 562 515	
Total Airlift Aircraft		1,	763,515				1,763,515	
Budget Activity 03: Trainer Aircraft								
UPT Trainers								
15 LIGHT MOBILITY AIRCRAFT	A	15	65,699			15	65,699	U
16 USAFA POWERED FLIGHT PROGRAM	A	12	4,099			12	4,099	U
Operational Trainers								
17 JPATS	A							U
Total Trainer Aircraft			69,798	7.7.7		-	69,798	

Exhibit P-1G: FY 2011 President's Budget (Published), as of January 20, 2010 at 14:05:00

Department of the Air Force FY 2011 President's Budget

Exhibit P-1 FY 2011 Base and Overseas Contingency Operations (OCO) Request (Dollars in Thousands)

Appropriation: 3010F Aircraft Procurement, Air Force

29 C-37A

FY 2010 FY 2010 FY 2010 FY 2009 Base & OCO Supplemental S Request Total Line Ident (Base & OCO) Enacted Quantity Cost Quantity Cost c No Item Nomenclature Code Quantity Cost Quantity Cost -----Budget Activity 04: Other Aircraft 18 COM VERT LIFT SPT PLATFORM (UH-1N Replace) U Advance Procurement (CY) Helicopters (436,731) (458, 951)(458,951) U 19 V22 OSPREY (-29,012)(-23, 148)(-23,148) U Less: Advance Procurement (PY) 407,719 435,803 435,803 20 V22 OSPREY Advance Procurement (CY) 14,227 13,835 13,835 U Mission Support Aircraft 21 C-29A FLIGHT INSPECTION ACFT 31,781 40,000 22 C-12 A 30 224,511 40,000 U 23 C-40 87,736 3 153,552 3 153,552 U 1 A 24 CIVIL AIR PATROL A/C 6,405 6,405 U A 7,435 25 HH-60M Operational Loss Replacement 95,200 95,200 U U 26 RQ-11 A 3,608 U 27 STUASLO A 3,608 Other Aircraft 74,473 74,473 U 28 TARGET DRONES 70,364 62,301 U

Exhibit P-1G: FY 2011 President's Budget (Published), as of January 20, 2010 at 14:05:00

Date: 20 Jan 2010

70,019

1

62,301

Department of the Air Force FY 2011 President's Budget

Exhibit P-1 FY 2011 Base and Overseas Contingency Operations (OCO) Request (Dollars in Thousands)

Appropriation: 3010F Aircraft Procurement, Air Force

Date: 20 Jan 2010

Line	Ident	FY 2011 Base		FY 2011 OCO		Y 2011 l Request	s
No Item Nomenclature	Code	Quantit	N-80	Quantity Cos	te transcontrate	00 00 00 00 00 00 00 00 00 00 00 00 00	- -
Budget Activity 04: Other Aircraft							
18 COM VERT LIFT SPT PLATFORM (UH-1N Replace) Advance Procurement (CY)			6,432			6,432	U
Helicopters							
19 V22 OSPREY Less: Advance Procurement (PY)	А	5	(415,150) (-22,052)		. 5	(415,150) (-22,052)	
			393,098	8		393,098	
20 V22 OSPREY Advance Procurement (CY)			13,621			13,621	U
Mission Support Aircraft							
21 C-29A FLIGHT INSPECTION ACFT	А						U
22 C-12 A	А						U
23 C-40	А						U
24 CIVIL AIR PATROL A/C	A		2,424			2,424	U
25 HH-60M Operational Loss Replacement	A	3	104,447	3 114,00	0 6	218,447	U
26 RQ-11	А			9,38	0	9,380	U
27 STUASLO	А		3,253			3,253	U
Other Aircraft							
28 TARGET DRONES	A	9	85,505		9	85,505	U
29 C-37A	А	2	52,000		2	52,000	U

Exhibit P-1G: FY 2011 President's Budget (Published), as of January 20, 2010 at 14:05:00

Department of the Air Force FY 2011 President's Budget

Exhibit P-1 FY 2011 Base and Overseas Contingency Operations (OCO) Request (Dollars in Thousands)

Appropriation: 3010F Aircraft Procurement, Air Force Date: 20 Jan 2010 FY 2010 FY 2010 FY 2009 Base & OCO Supplemental FY 2010 S Line Ident (Base & OCO) Enacted Request Total e No Code Item Nomenclature Quantity Cost Quantity Cost Quantity Cost Quantity Cost c -----30 RO-4 UAV (719, 767)(606, 519)(606,519) U Less: Advance Procurement (PY) (-63,409)(-53,686)(-53,686) U 656,358 552,833 552,833 31 RQ-4 UAV Advance Procurement (CY) 53,686 113,049 113,049 U 32 MC 130 IN BA 04 A U 33 MO-1 38 223,600 U A 34 MO-9 487,745 487,745 U 24 444,456 ------Total Other Aircraft 2,291,892 1,998,804 40,000 2,038,804 Budget Activity 05: Modification of Inservice Aircraft Strategic Aircraft 35 B-2A (316,308)(316,308) U A (296, 996)Less: Advance Procurement (PY) (-49,665)(-49,665) U 296,996 266,643 266,643 36 B-2A Advance Procurement (CY) 49,665 U 37 B-1B 29,887 98,808 98,808 U A 38 B-52 A 11,501 61,270 61,270 U Tactical Aircraft 39 A-10 150,931 261,682 261,682 U A 40 F-15 40,166 A 49,172 118,791 158,957 U 41 F-16 A 372,973 222,761 222,761 U 42 F-22A A 322,523 191,721 191,721 U

Exhibit P-1G: FY 2011 President's Budget (Published), as of January 20, 2010 at 14:05:00

Department of the Air Force FY 2011 President's Budget Exhibit P-1 FY 2011 Base and Overseas Contingency Operations (OCO) Request

(Dollars in Thousands)

Appropriation: 3010F Aircraft Procurement, Air Force

Line No Item Nomenclature	Ident Code	FY 2011 Base Quantity Cost		FY 2011 OCO Quantity Cost		FY 2011 Total Request Quantity Cos		s e c
							/860 680	
30 RQ-4 UAV Less: Advance Procurement (PY)	A		762,678) L13,049)			4	(762,678) (-113,049)	
dess. Advance Floculement (FI)				01000				Š
		6	549,629				649,629	
31 RQ-4 UAV Advance Procurement (CY)			90,200				90,200	U
32 MC 130 IN BA 04	A		9,932				9,932	U
33 MQ-1	Α							U
34 MQ-9			363,595		16,000	48	1,079,595	U
Total Other Aircraft			274,136		39,380		2,613,516	
Budget Activity 05: Modification of Inservice A	ircraft							
Strategic Aircraft								
35 B-2A Less: Advance Procurement (PY)	А	-	(63,371)				(63,371)	U (
		***		F. F. F. F.				
			63,371				63,371	
36 B-2A Advance Procurement (CY)								U
37 B-1B	A	2	200,090		8,500		208,590	U
38 B-52	A		69,074				69,074	U
Tactical Aircraft								
39 A-10	Α	1	165,361		16,500		181,861	U
40 F-15	A	Na	302,235				302,235	U
41 F-16	А		167,188				167,188	U
42 F-22A	А	914	492,199				492,199	U

Exhibit P-1G: FY 2011 President's Budget (Published), as of January 20, 2010 at 14:05:00

Date: 20 Jan 2010

Department of the Air Force FY 2011 President's Budget

Exhibit P-1 FY 2011 Base and Overseas Contingency Operations (OCO) Request (Dollars in Thousands)

Appropriation: 3010F Aircraft Procurement, Air Force

FY 2010 FY 2010 FY 2009 Base & OCO Supplemental FY 2010 S Request Total Ident. (Base & OCO) Enacted e Line Cost Cost c Item Nomenclature Code Quantity Cost Quantity Cost Quantity Quantity No -----43 F-35 MODIFICATIONS U A Airlift Aircraft (668,100) U 44 C-5 (554,021)(668, 100)A (-53,000)(-50,762)(-50,762) U Less: Advance Procurement (PY) _____ 501,021 617,338 617,338 45 C-5 Advance Procurement (CY) 50,762 108,300 108,300 U 46 C-9C 10 10 U A 47 C-17A A 332,417 471,932 471,932 U 875 560 560 U 48 C-21 A 1,739 U 49 C-32A A 7,353 1,739 4,323 4,323 U 50 C-37A A 1,404 Trainer Aircraft 51 GLIDER MODS 246 119 119 U A 32,968 U 52 T-6 20,697 32,968 A 10,245 35 35 U 53 T-1 A 60,862 U 54 T-38 46,380 60,862 A U 55 T-43 241 A Other Aircraft 56 KC-10A (ATCA) 1,894 9,411 9,411 U A 29,470 U 57 C-12 385,878 29,470 A 63,000 85,000 148,000 U 58 MC-12W A

Exhibit P-1G: FY 2011 President's Budget (Published), as of January 20, 2010 at 14:05:00

Date: 20 Jan 2010

Department of the Air Force FY 2011 President's Budget thibit P-1 FY 2011 Base and Overseas Contingency Op

Exhibit P-1 FY 2011 Base and Overseas Contingency Operations (OCO) Request (Dollars in Thousands)

Appropriation: 3010F Aircraft Procurement, Air Force

Date: 20 Jan 2010

Line No Item Nomenclature		Ident Code	FY 2011 Base Quantity Cost		FY 2011 OCO Quantity Cost		FY 2011 Total Request Quantity Cost		s e c
43 F-35 MC	DDIFICATIONS	А	123	,936			1	.23,936	U
Airlift Ai	rcraft								
44 C-5 Less: A	dvance Procurement (PY)	A	A150200000	3,669) 3,300)		73,400)	(-1	(22,069) (08,300)	
				,369		73,400		13,769	
45 C-5 Advance	Procurement (CY)		166	5,900			1	.66,900	U
46 C-9C		А		10				10	U
47 C-17A		A	351	,614	22	24,450	5	76,064	U
48 C-21		А		339				339	U
49 C-32A		А	12	2,113				12,113	U
50 C-37A		A	12	2,162				12,162	U
Trainer Ai	rcraft								
51 GLIDER	MODS	А		120				120	U
52 T-6		A	24	1,644				24,644	U
53 T-1		A		83				83	U
54 T-38		A	28	3,288				28,288	U
55 T-43		А							U
Other Airc	craft								
56 KC-10A	(ATCA)	А	13	3,777		3,540		17,317	U
57 C-12		А	5	7,645				7,645	U
58 MC-12W		А	10	0,826				10,826	U

Exhibit P-1G: FY 2011 President's Budget (Published), as of January 20, 2010 at 14:05:00

Department of the Air Force FY 2011 President's Budget Exhibit P-1 FY 2011 Base and Overseas Contingency Operations (OCO) Request

(Dollars in Thousands)

Appropriation: 3010F Aircraft Procurement, Air Force

78 MQ-9 PAYLOAD - UAS

FY 2010 FY 2010 FY 2009 Base & OCO Supplemental FY 2010 S Line Ident (Base & OCO) Enacted Request Total No Item Nomenclature Quantity Code Quantity Cost Quantity Cost Cost Quantity Cost C -----59 C-20 MODS A 1,406 731 731 U 60 VC-25A MOD A 60,703 15,560 15,560 U 61 C-40 5,895 261 261 U A 62 C-130 545,022 267,508 267,508 U A 63 C-130 MODS INTEL A U 64 C130J MODS 43,253 13,584 13,584 U A 65 C-135 133,809 148,121 148,121 U A 66 COMPASS CALL MODS A 24,535 29,094 29,094 U 67 DARP 112,948 118,159 118,159 U 68 E-3 96,155 79,010 79,010 U 69 E-4 56,119 72,825 72,825 U A 70 E-8 74,833 74,833 U 46,971 A 71 H-1 13,165 18,222 18,222 U A 72 H-60 A 17,202 63,996 63,996 U 73 RQ-4 UAV MODS 103.657 134,864 134,864 U A 74 HC/MC-130 MODIFICATIONS 7,618 7,618 U A 75 OTHER AIRCRAFT 192.944 95,929 192.944 U A 76 MQ-1 MODS 199,328 188,889 188,889 U A 77 MQ-9 MODS 82,420 56,794 9,600 66,394 U

Exhibit P-1G: FY 2011 President's Budget (Published), as of January 20, 2010 at 14:05:00

A

42,550 U

23,000

Date: 20 Jan 2010

19,550

Department of the Air Force

FY 2011 President's Budget Exhibit P-1 FY 2011 Base and Overseas Contingency Operations (OCO) Request (Dollars in Thousands)

Appropriation: 3010F Aircraft Procurement, Air Force

Date: 20 Jan 2010

Line No Item Nomenclature	Ident Code	FY 2011 Base Quantity Cost	FY 2011 OCO Quantity Cost	FY 2011 Total Request Quantity Cost	s e c
59 C-20 MODS	А	736		736	U
60 VC-25A MOD	A	13,175		13,175	U
61 C-40	A	10,697		10,697	U
62 C-130	A	257,339	166,720	424,059	U
63 C-130 MODS INTEL	A	3,963	10,900	14,863	U
64 C130J MODS	А	80,205		80,205	U
65 C-135	A	44,228		44,228	U
66 COMPASS CALL MODS	A	176,558	10,000	186,558	U
67 DARP	А	105,540		105,540	U
68 E-3	А	195,163		195,163	U
69 E-4	A	37,526		37,526	U
70 E-8	A	188,504		188,504	U
71 H-1	A	2,457		2,457	U
72 H-60	Α	11,630	81,000	92,630	U
73 RQ-4 UAV MODS	A	119,415		119,415	U
74 HC/MC-130 MODIFICATIONS	A	1,944		1,944	U
75 OTHER AIRCRAFT	А	159,423	61,600	221,023	U
76 MQ-1 MODS	А	208,213		208,213	U
77 MQ-9 MODS		108,922		108,922	U
78 MQ-9 PAYLOAD - UAS	A	115,383	45,000	160,383	U

Exhibit P-IG: FY 2011 President's Budget (Published), as of January 20, 2010 at 14:05:00

Department of the Air Force FY 2011 President's Budget

Exhibit P-1 FY 2011 Base and Overseas Contingency Operations (OCO) Request (Dollars in Thousands)

Appropriation: 3010F Aircraft Procurement, Air Force

FY 2010 FY 2010 Base & OCO Supplemental FY 2010 FY 2009 Request Total (Base & OCO) Enacted e Line Ident Code Cost Quantity Cost Quantity Cost Quantity Cost c No Item Nomenclature Quantity ---------24,351 U 79 CV-22 MODS 22,557 24,351 A 4.148.657 157,766 4,306,423 Total Modification of Inservice Aircraft 4,304,135 Budget Activity 06: Aircraft Spares and Repair Parts Aircraft Spares + Repair Parts 459,173 U 80 INITIAL SPARES/REPAIR PARTS 254,673 459,173 A 459,173 459,173 254,673 Total Aircraft Spares and Repair Parts Budget Activity 07: Aircraft Supt Equipment & Facilities Common Support Equipment 110,802 96,511 96,511 U 81 AIRCRAFT REPLACEMENT SUPPORT EQUIP Post Production Support 82 B-1 3,916 3,916 U A 83 B-2A 36.683 24,403 24,403 U A U 84 B-52 A 2,252 U 2,252 85 C-5 A 7,762 U 18,161 7,762 86 C-5 A 4.112 U 4,112 87 KC-10A (ATCA) A 11,000 11,000 U 88 C-17A 28,002 U 89 C-130 28,002 A 5,367 5,266 5,266 U 90 EC-130J A 20,134 15,694 15,694 U 91 F-15 A

Exhibit P-1G: FY 2011 President's Budget (Published), as of January 20, 2010 at 14:05:00

Date: 20 Jan 2010

Department of the Air Force FY 2011 President's Budget

Exhibit P-1 FY 2011 Base and Overseas Contingency Operations (OCO) Request (Dollars in Thousands)

Appropriation: 3010F Aircraft Procurement, Air Force

91 F-15

FY 2011 FY 2011 FY 2011 Line oco Total Request Ident Base No Item Nomenclature Code Quantity Cost Quantity Cost Quantity Cost c 79 CV-22 MODS A 13,964 830 14,794 U Total Modification of Inservice Aircraft 4,807,329 702.440 5.509.769 Budget Activity 06: Aircraft Spares and Repair Parts Aircraft Spares + Repair Parts 80 INITIAL SPARES/REPAIR PARTS A 622,020 10,900 632,920 U Total Aircraft Spares and Repair Parts 622.020 10,900 632,920 Budget Activity 07: Aircraft Supt Equipment & Facilities Common Support Equipment 81 AIRCRAFT REPLACEMENT SUPPORT EQUIP 91,701 91,701 U Post Production Support 82 B-1 A 6,791 6,791 U 83 B-2A 26,217 26,217 U 84 B-52 3,443 U 3,443 85 C-5 195 U 195 86 C-5 U 87 KC-10A (ATCA) 5,702 U 5,702 A 88 C-17A 153,347 153,347 U A 89 C-130 28,295 U A 28,295 90 EC-130J

Exhibit P-IG: FY 2011 President's Budget (Published), as of January 20, 2010 at 14:05:00

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21,599 U

Date: 20 Jan 2010

21,599

Department of the Air Force FY 2011 President's Budget

Exhibit P-1 FY 2011 Base and Overseas Contingency Operations (OCO) Request (Dollars in Thousands)

Appropriation: 3010F Aircraft Procurement, Air Force

Date: 20 Jan 2010

Line No Item Nomenclature	Ident Code	FY 2009 (Base & OCO) Quantity Cost	FY 2010 Base & OCO Enacted Quantity Cost	FY 2010 Supplemental Request Quantity Cost	FY 2010 S Total e Quantity Cost o	9
92 F-16	Α	2,269	12,910	STATES OF STATES	12,910 U	J
93 T-6		8644-27000 No. 6	No Accompany		The second secon	
	1729	2021072200201	8			
94 OTHER AIRCRAFT	Α	38,769	51,814		51,814 U	I .
95 T-1	Α	29,973			U	J
Industrial Preparedness						
96 INDUSTRIAL RESPONSIVENESS	A	24,313	25,448		25,448 U	J
War Consumables						
				20		
97 WAR CONSUMABLES	A	76,403	135,593		135,593 U	I
Other Production Charges						
98 OTHER PRODUCTION CHARGES	А	1,140,824	602,827	12,000	614,827 U	J
99 OTHER PRODUCTION CHARGES - MQ-1	A				U	J
Other Production Charges - SOF						
103 CANCELLED ACCT ADJUSTMENTS		10			Ü	т
	A	10			· ·	
DARP						
104 DARP	Α	38,371	15,323		15,323 U	I
999 Classified Programs		10,913	19,383		19,383 U	J
Total Aircraft Supt Equipment & Facilities		1,552,992	1,062,216	12,000	1,074,216	
Total Aircraft Procurement, Air Force		17,314,277	13,990,967	209,766	14,200,733	

Exhibit P-1G: FY 2011 President's Budget (Published), as of January 20, 2010 at 14:05:00

Department of the Air Force FY 2011 President's Budget

Exhibit P-1 FY 2011 Base and Overseas Contingency Operations (OCO) Request (Dollars in Thousands)

Appropriation: 3010F Aircraft Procurement, Air Force

Date: 20 Jan 2010

		FY 2011	FY 2011	FY 2011	S
Line	Ident	Base	OCO	Total Request	e
No Item Nomenclature	Code	Quantity Cost	Quantity Cost	Quantity Cost	C
10000					
92 F-16	А	17,838		17,838	U
93 T-6		9,450		9,450	U
94 OTHER AIRCRAFT	A	53,953		53,953	U
95 T-1	A				U
Industrial Preparedness					
96 INDUSTRIAL RESPONSIVENESS	Α	24,619		24,619	U
War Consumables					
97 WAR CONSUMABLES	A	92,939		92,939	U
Other Production Charges					
98 OTHER PRODUCTION CHARGES	А	1,079,742	57,500	1,137,242	U
99 OTHER PRODUCTION CHARGES - MQ-1	A	37,500		37,500	U
Other Production Charges - SOF					
103 CANCELLED ACCT ADJUSTMENTS	A				U
DARP					
104 DARP	А	19,117	47,300	66,417	U
999 Classified Programs		12,981		12,981	U
Total Aircraft Supt Equipment & Facilities		1,685,429	104,800	1,790,229	
Total Aircraft Procurement, Air Force		15,366,508	1,362,420	16,728,928	

Exhibit P-1G: FY 2011 President's Budget (Published), as of January 20, 2010 at 14:05:00

FY 2011 BUDGET ESTIMATES

FEBRUARY 2010

SECTION 4:

P-1 LINE ITEM DETAIL

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FY 2011 BUDGET ESTIMATES BUDGET ACTIVITY 01 – COMBAT AIRCRAFT FEBRUARY 2010

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Exhibit P-40, Budget Item Ju	ustification				Date:	February 2	010						
Appropriation (Treasury) Code/CC/	BA/BSA/Item (Control Number						P-	1 Line Item N	omenclature			
Aircraft Procurement,	Air Force	, Budget A	ctivity 0	1, Comba	at Aircra	ft, Item N	lo. 1	Jo	oint Strik	e Fighte	r Squadr	ons	
Program Element for Code B Iter	ms:	N/A			Other Rela	ted Program	Elements:	•					
	ID Code	Prior Years	FY 2012	FY 2013	FY 2014	FY 2015	To Comp	Total					
Proc Qty	A	8	7	10	22	1	23	24	33	53	70	1,535	1,763
Cost (\$ M)		1767.465	1489.191	2076.745	3729.242	204.900	3934.142	3925.933	4156.351	5606.339	6233.983	124969.99 9	154160.14 8
Advance Proc Cost (\$ M)		333.773	171.437	278.600	257.000		257.000	303.400	456.100	539.000	740.000	11439.322	14518.632
Weapon System Cost (\$ M)		2101.238	1660.628	2355.345	3986.242	204.900	4191.142	4229.333	4612.451	6145.339	6973.983	136409.32	168678.78 0
Initial Spares (\$ M)		145.823	61.096	129.296	263.573	0.000	263.573	260.659	293.707	413.225	444.519	10876.348	12888.246
Total Proc Cost (\$ M)		2247.061	1721.724	2484.641	4249.815	204.900	4454.715	4489.992	4906.158	6558.564	7418.502	147285.66	181567.02 6
Flyaway Unit Cost (\$ M)		229.600	208.860	191.905	148.951	127.765	276.716	140.398	114.502	98.182	87.008	85.335	89.546
Wpn Sys Unit Cost (\$ M)		280.883	237.233	235.535	182.543	204.900	387.443	176.222	139.771	115.950	99.628	88.866	95.574

Description

The Joint Strike Fighter program will develop and field a family of aircraft that meets the needs of the USN with the Carrier Variant (CV), 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 Air Force. 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. Marine Corps procurement began in FY08 with Long-Lead in FY07 and Navy procurement begins in FY10 with Long-Lead in FY09.

This program has associated Research Development Test and Evaluation (RDT&E) funding in PEs 0604800F and 0207142F.

FY 2011 Program Justification

USAF procurement in FY2011 provides funding for 22 aircraft.

During the execution year, the Joint Strike Fighter Program Executive Officer (PEO) will buy the number of aircraft that can be procured within the available budget.

USAF FY11 Overseas Contingency Operations (OCO) budget replaces 1 legacy aircraft battle loss.

Due to an inadvertent error the Air Force requests a technical adjustment transferring \$29,700,000 from P-1 Line No. 42 "F-35 Modifications" to Line No. 1 "F-35". The following exhibits reflect the requested transfer amounts.

P-1 Shopping List Item No. 1

Budget Item Justification Exhibit P-40, page 1 of 10

Exhibit P-5, Weapon System Cost Ana	alysis							\top		Date: Feb	ruary 201	0	
Appropriation (Treasury) Code/CC/BA/BSA/Iten	-							P-1 Line	Item Nomen	nclature			
Aircraft Procurement, Air Forc	e, Budget A	ctivity (01, Com	bat Airc	raft, Iter	n No. 1		Joint	Strike F	ighter S	quadro	ns	
Manufacturer's Name/Plant City/State Locat	tion			Subline Iter	m			-					
Lockheed Martin/Ft Worth TX													
Weapon System	Ident					Total	l Cost in Mil	Illions of D	ollars				
Cost Elements	Code		FY 2009			FY 2010		1	FY 2011		F	Y 2011 OCC	5
				Total		,	Total			Total			Total
I		Qty	Unit Cost	Cost	Qty	Unit Cost	Cost	Qty	Unit Cost	Cost	Qty	Unit Cost	Cost
Airframe/CFE	A	7	104.709	732.965	10	87.437	874.367	22	79.347	1745.624	1	79.347	79.347
CFE Electronics	A	7	34.020	238.142	10	28.803	288.032	22	26.068	573.496	1	26.068	26.068
GFE Electronics	A												
Engines/Eng ACC	A	7	15.511	108.575	10	17.845	178.450	22	13.630	299.869	1	13.630	13.630
Armament	A				,			1					
ECO (Flyaway)	A	7	6.015	42.102	10	2.755	27.551	22	2.517	55.378	1	2.517	2.517
Subtotal Recurring Flyaway				1121.783			1368.400			2674.367			121.562
Non-Recurring Cost	A			308.197	1		510.295			520.303			0.000
Ancillary Equip	В			32.040			40.351			82.262			6.203
Subtotal Non-Recurring Flyaway				340.237		ı	550.646	1		602.565			6.203
Airframe PGSE	В			30.561			45.500	1		63.781			6.731
Engine PGSE	В			4.972		ı	26.088	1		60.541			6.389
Avionics PGSE	В			9.032	Ţ		65.159			71.331			7.528
Peculiar Training Equipment	В			41.652		ı	38.844	1	1	150.373			12.735
Pubs/Tech Data	В			21.918		1	20.126	1	1	28.596			3.018
Other ILS	В			12.117		,	57.109	·		244.078			25.758
Facilities Management	В			0.000			0.000	i		0.000			0.000
Field Activities	В			0.000		,	0.000	·		0.000			0.000
Production Eng Support	В			29.623			72.167	i		140.881			14.867
Miscellaneous Support	В			0.000		 	4.143	 		1.029			0.109
Subtotal Support Cost				149.875			329.136			760.610			77.135
Gross P-1 Cost				1611.895		 	2248.182	 		4037.542			204.900
Advance Procurement Credit	A			-122.704			-171.437			-278.600			0.000
Net P-1 Cost				1489.191			2076.745			3758.942			204.900
Advance Procurement	A			171.437			278.600			257.000			0.000
Weapon System Cost				1660.628			2355.345			4015.942			204.900
Initial Spares				61.096			129.296			263.573			0.000
Modifications				0.000		 	0.000	 		94.236			0.000
TOTAL PROGRAM				1660.628			2355.345			4015.942			204.900
Comments													

P-1 Shopping List Item No. 1

Weapon System Cost Analysis Exhibit P-5, page 2 of 10

Exhibit P-5, Weapon System Cost Analysis				ONOL	, 10011 11			1		Date: Feb	oruary 20	10		
• • • • • • • • • • • • • • • • • • • •	raft Procurement, Air Force, Budget Activity 01, Combat Aircraft, Item No. 1 Facturer's Name/Plant City/State Location P-1 Line Item Nor Joint Strike													
Aircraft Procurement, Air Force, B	udget A	ctivity	01, Com	bat Airc	raft, Ite	m No. 1		Joint	Strike F	ighter S	quadro	ons		
Manufacturer's Name/Plant City/State Location				Subline Ite	em									
Lockheed Martin/Ft Worth TX														
Weapon System	Ident		EV 2000		Γ		Cost in Mi	llions of E			,	EV 2011 OC	2	
Cost Elements	Code		FY 2009	Total		FY 2010	Total		FY 2011	Total]	FY 2011 OCC	Total	
		Qty	Unit Cost	Cost	Qty	Unit Cost	Cost	Qty	Unit Cost	Cost	Qty	Unit Cost	Cost	
2) Engine Unit Cost increase in FY10 reflects fun 3) USAF FY11 Overseas Contingency Operations 4) FY11 Peculiar Training Equipment includes \$25 Total Program does not include funding for Init 6) Nonrecurring Cost includes such items as the UDevelopment (PSFD) Memorandum of Understandevelopment of the JSF; funding for Diminishing	s (OCO) bu 29.7M that tial Spares of J.S. Air Fording (MOU	udget repla needs to b or Modific rce share of U) between	aces 1 legacy be realigned to cations. Inition of Production on the United	y aircraft ba from the Mo ial Spares for Non-Recu States and o	ttle loss. odification unding is ir rring Tooli eight partne	line. ncluded in the per the Jernations co	ne Total Pro oint Strike	ocurement Fighter (JS in the prod	Cost on the SF) Production, susta	on, Sustain				
			P-1 Shor	oping List I	tem No. 1					Weap		em Cost Ana P-5, page 3		

Exhibit P-5A, Procurement His	tory an	nd Planning						Dat	te: Februar	y 2010	
Appropriation (Treasury) Code/CC/BA								tem Nomenclatı	ure		
Aircraft Procurement, Ai	r Forc	e, Budge	t Activity	01, Comb	oat Aircra	ft, Item No	o. 1 Joint 9	Strike Figh	iter Squa	drons	
Weapon System					Subline Iter	n					
SF											
			Location of	RFP Issue	Contract	Contract			Date of First	Specs Available	Date Revision
VBS Cost Elements	Qty	Unit Cost	PCO	Date	Method	Туре	Contractor and Location	Award Date	Delivery	Now?	Available ^c
Lockheed Martin (FY07)	2	210.111	Arlington, VA	Mar-07	SS	CPIF/AF	Lockheed Martin, Ft Worth, TX	Jul-07	Jun-10	Yes	
Pratt & Whitney (FY07)	2	12.742	Arlington, VA	Feb-06	SS	CPIF/AF	Pratt & Whitney, East Hartford, CT	Aug-07	Jan-10	Yes	
Lockheed Martin (FY08)	6	166.356	Arlington, VA	Feb-07	SS	CPIF/AF	Lockheed Martin, Ft Worth, TX	May-08	Jul-10	Yes	
Pratt & Whitney (FY08)	6		Arlington, VA	Feb-07	SS	CPIF/AF	Pratt & Whitney, East Hartford, CT	Sep-08	Mar-10	Yes	
Lockheed Martin (FY09)	7	144.744	Arlington, VA	Nov-07	SS	CPIF/AF	Lockheed Martin, Ft Worth, TX	Jun-09	Apr-11	Yes	
Pratt & Whitney (FY09)	7	15.511	Arlington, VA	Feb-08	SS	CPIF/AF	Pratt & Whitney, East Hartford, CT	Jul-09	Oct-10	Yes	
Lockheed Martin (FY10)	10	118.995	Arlington, VA	Apr-09	SS	CPIF/AF	Lockheed Martin, Ft Worth, TX	Apr-10	Mar-12	Yes	
Pratt & Whitney (FY10)	10	17.845	Arlington, VA	Jan-09	SS	CPIF/AF	Pratt & Whitney, East Hartford, CT	May-10	Oct-11	Yes	
Lockheed Martin (FY11)	22	107.932	Arlington, VA	Jan-10	SS	FPIF	Lockheed Martin, Ft Worth, TX	Feb-11	Feb-13	Yes	
Pratt & Whitney (FY11)	22		Arlington, VA	Feb-10	SS	FPIF	Pratt & Whitney, East Hartford, CT	Feb-11	Sep-12	Yes	
Lockheed Martin (FY11 OCO)	1		Arlington, VA	Jan-10	SS	FPIF	Lockheed Martin, Ft Worth, TX	Feb-11	Nov-13	Yes	
Pratt & Whitney (FY11 OCO)	1		Arlington, VA	Feb-10	SS	FPIF	Pratt & Whitney, East Hartford, CT	Feb-11	Jun-13	Yes	
Lockheed Martin (FY12)	24	96.337	Arlington, VA	Jan-11	SS	FPIF	Lockheed Martin, Ft Worth, TX	Feb-12	Feb-14	Yes	
Pratt & Whitney (FY12)	24		Arlington, VA	Feb-11	SS	FPIF	Pratt & Whitney, East Hartford, CT	Feb-12	Sep-13	Yes	
Lockheed Martin (FY13)	33		Arlington, VA	Jan-12	SS	FPIF	Lockheed Martin, Ft Worth, TX	Feb-13	Feb-15	Yes	
Pratt & Whitney (FY13)	33	12.402	Arlington, VA	Feb-12	SS	FPIF	Pratt & Whitney, East Hartford, CT	Feb-13	Sep-14	Yes	

UNCLASSIFIED PAGE 1 - 4

Procurement History and Planning Exhibit P-5A, page 4 of 10

Exhibit P-5A, Procurement his	tory ar	ia Pianning							Dai	e. rebluary	/ 2010	
Appropriation (Treasury) Code/CC/BA/	BSA/Ite	m Control Num	nber					P-1 Line It	em Nomenclatı	ıre		
Aircraft Procurement, Air	Ford	e, Budge	t Activity	01, Comb	oat Aircra	aft, Item No	o. 1	Joint S	trike Figh	ter Squa	drons	
Weapon System					Subline Ite	m						
JSF												
										Date of	Specs	Date
			Location of	RFP Issue	Contract	Contract				First	Available	Revision
WBS Cost Elements	Qty	Unit Cost	PCO	Date	Method	Type	Contractor and	Location	Award Date	Delivery	Now?	Available?
Lockheed Martin (FY14)	53	73.111	Arlington,	Jan-13	SS	FPIF	Lockheed Marti	n, Ft	Feb-14	Feb-16	Yes	
			VA				Worth, TX					
Pratt & Whitney (FY14)	53	12.014	Arlington,	Feb-13	SS	FPIF	Pratt & Whitney	y, East	Feb-14	Sep-15	Yes	
			VA				Hartford, CT					
Lockheed Martin (FY15)	70	67.082	Arlington,	Jan-14	SS	FPIF	Lockheed Marti	n, Ft	Feb-15	Feb-17	Yes	
			VA				Worth, TX					
Pratt & Whitney (FY15)	70	11.802	Arlington,	Feb-14	SS	FPIF	Pratt & Whitney	y, East	Feb-15	Sep-16	Yes	
			VA				Hartford, CT					
				•		•	•		•		•	•

Remarks

During the execution year, the Joint Strike Fighter Program Executive Officer (PEO) will buy the number of aircraft that can be procured within the available budget.

FY11 OCO aircraft will procured in conjuction with the baseline aircraft in the Low Rate Initial Production five (LRIP 5) contract to preserve delivery schedule.

Engine Unit Cost in FY10 reflects funding for F-136 Congressional Adds.

P-1 Shopping List Item No. 1

Procurement History and Planning Exhibit P-5A, page 5 of 10

Exhibit P-21, Production S	(Treasury) Code/CC/BA/BSA/Item Control Number Procurement, Air Force, Budget Activity 01, Combat Aircraft, Item No. 1 S ACCEP. PRIOR DUE 2005 FISCAL YEAR 2006 CALENDAR YEAR 2006																		D	ate: I	=ebru	uary 2	2010						
Appropriation (Treasury) Code/Co	C/BA/BS	A/Item C	ontrol Nu	ımber													Р	-1 Lin	e Iten	n Nom	nencla	ature							
Aircraft Procurement	, Air F	orce,	Budg	et Acti	vity	01,	Co	mba	at A	ircra	aft,	lten	n No). 1			J	oint	t Stı	rike	Fig	hte	r Sq	uad	lron	S			
PROCUREMENT YEAR	E R		PRIOR TO 1 OCT	DUE AS OF 1 OCT		N	D E	J A	F E	M A	A P	CALI M A	J U	YEAR J U	A U	S E	O C	N O	D E	J A	F E	M A	EAR 20 ALEND A P		AR 200 J U)7 J U	A U	S E	L A T E
2007 US	AF	2	2005	2005	T	V	С	N	В	R	R	Y	N	L	G	P	T	V	С	N	В	R	R	Y	N	L	G	P	R 2
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2009 USAF 7 0 7																												7	
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2009 USAF 7 0 7 0 </td <td></td> <td>└</td> <td></td> <td>23</td>																									└		23		
	2010 USAF 10 0 10 0 10 0 10 0 10 0 10 0 0 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0																									<u> </u>		24	
2013 US 2014 US		53	0	53															-								 '		33 53
2014 US.		70	0	70				_																			 '		70
TOTAL OS.	AI.	228	0	228																							\vdash		228
		220	<u> </u>	220	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U	J U L	A U G	S E P	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	
				PRODUCT									PRO	CURE		LEAD ⁻	TIME												
ITEM/MANUFACTURER'S NAME	L	OCATION		MIN SUST	SHIFT HOUF DAYS	RS	M A X							ADI LEAD				MFG		1	TOTAL AFTEF								
Lockheed Martin	12	2/8/5		36							IOR OCT	AFT 1 C			TIME			1 OCT											
	-							INITIA REOR						8		4			36			40							
REMARKS					<u> </u>			INLOR	DLN								l			I									

During the execution year, the Joint Strike Fighter Program Executive Officer (PEO) will buy the number of aircraft that can be procured within the available budget.

FY11 deliveries also include Overseas Contingency Operations (OCO) request to replace 1 legacy aircraft battle loss.

P-1 Shopping List Item No. 1

Production Schedule Exhibit P-21, page 6 of 10

Exhibit P-21, Production \$	(Treasury) Code/CC/BA/BSA/Item Control Number Procurement, Air Force, Budget Activity 01, Combat Aircraft, Item No. 1 S																	D	ate: I	=ebru	uary	2010							
Appropriation (Treasury) Code/C															-1 Lin	e Iten	n Nom	nencla	ature										
Aircraft Procurement	t, Air	Force,	Budg	et Acti	vity	01,	Co	mba	at A	ircra	aft,	lten	n No	o. 1			J	oin	t St	rike	Fig	hte	r Sq	uac	lron	S			
PROCUREMENT YEAR	E R		PRIOR TO 1 OCT	DUE AS OF 1 OCT		N	D E	J A	F E	M A	A P	CALI M A	J U	R YEAR J U	A U	S E	0 C	N O	D E	J A	F E	M A	ALEND A P		EAR 200 J U)9 J U	A U	S E	L A T E
2007 US	SAF	2	2007	2007	T	V	С	N	В	R	R	Y	N	L	G	P	Т	V	С	N	В	R	R	Y	N	L	G	P	R 2
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2009 USAF 7 0 7																												7	
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2009 USAF 7 0 7																									└		23		
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	SAF	53	0	53									<u> </u>						_		_						 '		33 53
	SAF	70	0	70				_					<u> </u>	1	1									-			 '		70
TOTAL	3711	228		228									†	1													-		228
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				PRODUCT									PRC	CURE		LEAD	TIME												
ITEM/MANUFACTURER'S NAME		LOCATION		MIN SUST	SHIFT HOUF DAYS	RS	M A X								MIN TIME			MFG		1	TOTAL AFTEF								
Lockheed Martin			12	2/8/5		36							OCT	AF1 1 C			TIME			1 OCT									
								INITIA REOR					-	8		4			36			40	-						
REMARKS				1	1			INLOR	DLN						I		ı			I			ı						

During the execution year, the Joint Strike Fighter Program Executive Officer (PEO) will buy the number of aircraft that can be procured within the available budget.

FY11 deliveries also include Overseas Contingency Operations (OCO) request to replace 1 legacy aircraft battle loss.

P-1 Shopping List Item No. 1

Production Schedule Exhibit P-21, page 7 of 10

Ex	chibit P-21, Productio	PROC. OTY ACCEP. BALANCE DUE CALENDAR YEAR 2010 CALENDAR YEAR																		D	ate: I	=ebru	uary	2010						
Ар	propriation (Treasury) Cod															-1 Lin	e Iten	n Nom	nencla	ature										
Ai	ircraft Procureme	nt, Air	Force,	, Budg	et Act	ivity	01,	Со	mba	at A	ircr	aft,	lten	n No	o. 1			J	oint	t St	rike	Fig	hte	r Sq	uac	lron	S			
	PROCUREMENT YEAR	S E		PRIOR	DUE		2009 N	D	J	FIS	M M	EAR 2		ENDAI J	R YEAR	2010 A	S	0	N	D	J	FIS	CAL Y			EAR 201	1 J	A	S	L A T
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TO	TAL		228		228								†	1	2	1	1	1	1	1				1		1	1	1	2	214
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					PRODUCT	TION R	ATES							PRC	CURE	MENT	LEAD :	TIME												
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ΚEI	MARKS																													

During the execution year, the Joint Strike Fighter Program Executive Officer (PEO) will buy the number of aircraft that can be procured within the available budget.

FY11 deliveries also include Overseas Contingency Operations (OCO) request to replace 1 legacy aircraft battle loss.

P-1 Shopping List Item No. 1

Production Schedule Exhibit P-21, page 8 of 10

Exhibit P-21, Production	Caregory Code/CC/BA/BSA/Item Control Number Frocurement, Air Force, Budget Activity 01, Combat Aircraft, Item No. 1 S																			D	ate: F	=ebru	uary 2	2010					
Appropriation (Treasury) Code/0	CC/BA/E	SA/Item C	Control Nu	ımber													Р	-1 Lin	e Iten	n Nom	nencla	ature							
Aircraft Procuremen	t, Air	Force,	Budg	et Acti	vity	01,	Co	mba	at A	ircr	aft,	lten	n No	o. 1			J	oint	t Stı	rike	Fig	hte	r Sq	uad	Iron	S			
PROCUREMENT YEAR	S E		PRIOR	DUE			D	J	FIS	CAL Y	EAR 20		ENDAI	R YEAR	2012 A	l s	0	N	D	j	FIS	SCAL Y CA M			EAR 201	13 J		S	L A T
	v	QTY		1 OCT	C T	О	E C	A N			P R	A Y	_	U L		E P		O V	E C	A N	E B	A R	P R	A Y	U N	U L	U G	E P	E R
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PROCUREMENT YEAR																			1	1	2	2	2	2	2	2	9		
	PROCUREMENT YEAR PROCUREMENT YEAR PROCUREMENT																											24	
			0																						<u> </u>		<u> </u>		33
			0																						<u> </u>	Ь—	└ ──'		53
	JSAF		0					-		1	<u> </u>	1	1		1			1	-		1			2	<u> </u>	<u> </u>			70
TOTAL		228	14		O C T	V		J A N			٠.	M A Y	J U N	J U L	A U G	S E P	0 C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	189
													PRC			LEAD :	TIME												
ITEM/MANUFACTURER'S NAME		LOCATION	I			RS												MFG TIME			TOTAL AFTEF								
Lockheed Martin		Ft Worth TX	(12	2/8/5		36							OCT	AF			TIIVIE			1 OCT								
					-		-	REOF					-	8	-	4			36			40							ļ
REMARKS																													

During the execution year, the Joint Strike Fighter Program Executive Officer (PEO) will buy the number of aircraft that can be procured within the available budget.

FY11 deliveries also include Overseas Contingency Operations (OCO) request to replace 1 legacy aircraft battle loss.

P-1 Shopping List Item No. 1

Production Schedule Exhibit P-21, page 9 of 10

Exhibit P-21, Production Sched	lule																Da	ate: F	-ebru	iary 2	2010				
Appropriation (Treasury) Code/CC/BA/B	BSA/Item Contr	rol Number											P-	1 Line	e Item	ı Nom	encla	ture							
Aircraft Procurement, Air	Force, Bu	udget Acti	vity 01,	, Co	mbat /	4ircr	aft,	lten	n No	. 1			J	oint	Str	ike	Fig	hter	· Sq	uad	ron	S			
PROCUREMENT YEAR E R	PROC. PR	CCEP. BALANCE LIOR DUE TO AS OF OCT 1 OCT	2013 O N C O	D	J F A E	M A	EAR 20		ENDAR J	YEAR 2	2014 A	S	0	N O	D	J A	FIS F E	_	EAR 20 ALEND A P		AR 201	.5 J	A	S	L A T E
2007 USAF		013 2013	T V	C	N B	R	R	Y	N	L	G	P	T	V	C	N	В	R	R	Y	N	L	G	P	R
2008 USAF 2009 USAF	6	6 0																							0
2010 USAF 2011 USAF	10	10 0	2 2	2	2																				0
2012 USAF 2013 USAF	24	0 24 0 33	2 3		2	2 2	2	2	2	2	2	2	2	2	2	2	3	3	2	2	3	3	4	4	0
2014 USAF 2015 USAF	53	0 53															3					3		7	53
TOTAL	228	39 189	2 3	2	2	2 2	2	2	2	2	2	2	2	2	2	2	3	3	2	2	3	3	4	4	132
			O N C O T V	D E C	J F A E N 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	JUL	A U G	S E P	
			ON RATES SHIFT HOURS	M A						ADM LEAD	IIN	EAD 1		MFG		7	ΓΟΤΑL								
ITEM/MANUFACTURER'S NAME Lockheed Martin	Ft Worth TX		DAYS 2/8/5	X 36	_				PRI 1 O	-	AFTE 1 00			TIME			AFTER 1 OCT								
					INITIAL REORDER	2				8		4			36			40							
REMARKS																									

During the execution year, the Joint Strike Fighter Program Executive Officer (PEO) will buy the number of aircraft that can be procured within the available budget.

FY11 deliveries also include Overseas Contingency Operations (OCO) request to replace 1 legacy aircraft battle loss. Delivery of this aircraft is planned for November 2013.

P-1 Shopping List Item No. 1

Production Schedule Exhibit P-21, page 10 of 10

Exhibit P-40, Budget Item Jus	tification									Date:	February 2	010	
Appropriation (Treasury) Code/CC/BA	VBSA/Item 0	Control Number						P-1	Line Item No	omenclature			
Aircraft Procurement, A	ir Force,	Budget A	ctivity 0	1, Comba	at Aircra	ft, Item N	lo. 2	F-	35 Adva	nce Prod	urement	t	
Program Element for Code B Items	s:	N/A			Other Rela	ted Program	Elements:						
						FY 2011	Total						
	ID Code	Prior Years	FY 2009	FY 2010	FY 2011	OCO	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	To Comp	Total
Proc Qty	A						0						0
Cost (\$ M)							0.000						0.000
Advance Proc Cost (\$ M)		333.773	171.437	278.600	257.000		257.000	303.400	456.100	539.000	740.000	11439.322	14518.632
Weapon System Cost (\$ M)		333.773	171.437	278.600	257.000	0.000	257.000	303.400	456.100	539.000	740.000	11439.322	14518.632
Initial Spares (\$ M)							0.000						0.000
Total Proc Cost (\$ M)		333.773	171.437	278.600	257.000	0.000	257.000	303.400	456.100	539.000	740.000	11439.322	14518.632
Flyaway Unit Cost (\$ M)							0.000						
Wpn Sys Unit Cost (\$ M)							0.000						

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 Air Force. The production cost and quantities are interdependent due to one manufacturer for the program. Marine Corps procurement began in FY08 with Long-Lead in FY07 and Navy procurement begins in FY10 with Long-Lead in FY09.

FY 2011 Program Justification

USAF procurement in FY2011 provides advanced procurement funding for 24 aircraft. During the execution year, the Joint Strike Fighter Program Executive Officer (PEO) will buy the number of aircraft that can be procured within the available budget.

P-1 Shopping List Item No. 2

Budget Item Justification Exhibit P-40, page 1 of 3

Exhibit P-10 p.1, Advance (Page 1 - Funding)	Procureme	∍nt Requirer	ments Analy	ysis						Date:	February 2	010	
Appropriation (Treasury) Code/0	CC/BA/BSA/Ite	m Control Nun	nber					F	P-1 Line Item N	Vomenclature			
Aircraft Procuremen	it, Air Forc	ວe, Budge	t Activity	01, Com	ıbat Airc	raft, Item	No. 2		F-35 Adva	ance Pro	curemen	t	ļ
Weapon System						First System	Award Date		-	First System	Completion D	Jate	
JSF_AP							Mar-	r-07			Sep	p-09	
					(\$ in	n Millions)		Т				Т	/
<u>Description</u>	PLT	When Rqd	Prior Years	FY 2009	FY 2010	FY 2011	FY 2011 OCO	FY 2012	FY 2013	FY 2014	FY 2015	To Comp	<u>Total</u>
End Item Qty			8	7	10	22	1	24	4 33	53	70	1536	1764
CFE			333.773	171.437	278.600	257.000	0.000	303.400	456.100	539.000	740.000	11439.322	
GFE				<u> </u>	<u> </u>	<u> </u>				'	<u> </u>	<u> </u>	0.000
EOQ													0.000
Design	+	+		, 									0.000
Term Liability		1							<u> </u>				0.000
													0.000
TOTAL AP	T	T	333.773	171.437	278.600	257.000	0.000	303.400	456.100	539.000	740.000	11439.322	14518.632
Description				-	-	-					-		

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

During the execution year, the Joint Strike Fighter Program Executive Officer (PEO) will buy the number of aircraft that can be procured within the available budget.

USAF FY11 Overseas Contingency Operations (OCO) budget replaces 1 legacy F-15 aircraft lost in July 2009 during Operation Enduring Freedom (OEF). To Complete quantity is based on the baseline program and does not consider this additional aircraft.

P-1 Shopping List Item No. 2

Advance Procurement Requirements Analysis (Page 1 - Funding) Exhibit P-10 p.1, page 2 of 3

				UNC	LASSIFII	ED						
Exhibit P-10 p.2, Advance (Page 2 - Budget Justific		quirements A	Analysis						Date	: February 2	2010	
Appropriation (Treasury) Code/	CC/BA/BSA/Item Contr	ol Number						P-1 Line Item	Nomenclature	9		
Aircraft Procuremen	nt, Air Force, Bu	udget Activ	vity 01, Cc	mbat Air	craft, Ite	m No. 2		F-35 Adv	ance Pro	curemer	nt	
Weapon System				,						•	,	
JSF_AP												
				(TOA.	, \$ in Million	ns)	_	_				
					2009 Contract Forecast	2009 Total Cost		2010 Contract Forecast	2010 Total Cost	FY 2011	FY 2011 Contract Forecast	FY 2011 Total Cost
Description	PLT	QPA	Unit Cost	2009 QTY	Date	Request	2010 QTY	Date	Request	QTY	Date	Request
End Item				7			10		-	23		+
CFE GFE					Mar-09	171.437		Apr-10	278.600		Feb-11	257.000
EOQ											T	
Design												
Term Liability												
TOTAL AP						171.437			278.600			257.000
<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 Jus	stification									Date:	February 2	010	
Appropriation (Treasury) Code/CC/B	A/BSA/Item (Control Number						Р	1 Line Item No	omenclature			
Aircraft Procurement, A	ir Force,	Budget A	ctivity 0	1, Comba	at Aircra	ft, Item N	lo. 3	F	-22				
Program Element for Code B Item	s:	0207219F			Other Relat	ted Program	Elements:						
						FY 2011	Total						
	ID Code	Prior Years	FY 2009	FY 2010	FY 2011	OCO	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	To Comp	Total
Proc Qty	A	155	24				0						179
Cost (\$ M)		25058.870	3497.770	93.243	158.039		158.039	116.855					28924.777
Interim Ctr Support (\$ M)		0.000					0.000						0.000
Advance Proc Cost (\$ M)		4878.270	138.579				0.000						5016.849
Weapon System Cost (\$ M)		29937.140	3636.349	93.243	158.039	0.000	158.039	116.855	0.000	0.000	0.000	0.000	33941.626
Initial Spares (\$ M)		22.884					0.000						22.884
Total Proc Cost (\$ M)		29960.024	3636.349	93.243	158.039	0.000	158.039	116.855	0.000	0.000	0.000	0.000	33964.510
Flyaway Unit Cost (\$ M)		155.308	150.389				0.000						
Wpn Sys Unit Cost (\$ M)		193.290	151.510				0.000						

Description

FY 2009 funding totals include \$600M of appropriated supplemental Overseas Contingency Operations funds for 4 Lot 10 aircraft.

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.

FY 2011 PB is a 187 aircraft procurement profile. (Note: 187 total includes 6 Production Representative Test Vehicle (PRTV) II aircraft, 179 production aircraft, and 2 previously procured EMD aircraft funded in RDT&E).

Funding is budgeted in FY10 and FY11 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 and Lot 10 aircraft. FY10-FY12 includes funding for Production Shutdown activities to preserve necessary assets for long-term fleet sustainment.

The flyaway/weapon system costs listed above include costs 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 a 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. The program will also procure specific initial spares in FY08 and FY09 and additional initial 'insurance' spares in FY11-FY12 as a result of production shutdown. The program also plans to procure

P-1 Shopping List Item No. 3

Budget Item Justification Exhibit P-40, page 1 of 9

Exhibit P-40, Budget Item Justification	Date: February 2010
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

Description

Life-of-Type buys due to production line shutdown.

FY 2011 Program Justification

The FY11 President's Budget (PB) 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 FY11 PB includes \$118M in FY11 to continue production line shutdown activities, which preserve necessary assets for long-term F-22 fleet sustainment.

P-1 Shopping List Item No. 3

Budget Item Justification Exhibit P-40, page 2 of 9

Exhibit P-5, Weapon System Cost Ana	iysis				Date: Feb	oruary 20	10						
Appropriation (Treasury) Code/CC/BA/BSA/Item		41 14 4			e. 1.				e Item Nomer	clature			
Aircraft Procurement, Air Force	e, Budget A	ctivity ()1, Com	bat Airci	aft, Ite	m No. 3		F-22					
Manufacturer's Name/Plant City/State Locati	on			Subline Iter	n								
Weapon System	Ident					Total	Cost in Mi	llions of D	Oollars				
Cost Elements	Code		FY 2009			FY 2010			FY 2011]	FY 2011 OCC	О
				Total			Total			Total			Total
		Qty	Unit Cost	Cost	Qty	Unit Cost	Cost	Qty	Unit Cost	Cost	Qty	Unit Cost	Cost
Airframes/CFE	A	24	93.813	2251.509			0.000						
Engine Accessories (shipset)	A	24	23.081	553.935			0.000						
Avionics	A	24	30.091	722.174			0.000						
Nonrecurring Costs				81.726			0.000						
FLYAWAY COST SUBTOTAL				3609.344									
Less: Prior Year Adv Procurement				-750.702									
Plus: Current Year Adv Procurement				138.579									
Other	A			35.977			81.443			158.039			
Production Support - Other (PSO)	A			126.467			4.000						
FASTeR / PALS	A			266.924			6.600						
SUBTOTAL Air Vehicle Support				-182.755			92.043			158.039			
Engine Support (SPARE)	A			209.760			1.200						
SUPPORT COST SUBTOTAL				209.760			1.200						
TOTAL PROGRAM				3636.349			93.243			158.039			
Comments	ı					ı L							

Nonrecurring and Other costs include, but are 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. Through FY10, DMS costs included funding to protect production viability.

Also included in the Other category are procurement of equipment associated with standing up operational locations and shutdown activities necessary to preserve assets for long-term F-22 fleet sustainment. Shutdown costs are budgeted in FY10 - FY12.

The P-5 and P-5A engine costs differ due to the aircraft 'shipset' quantities used: 2 engines on the P-5 and 1 engine on the P-5A. (1 engine).

P-1 Shopping List Item No. 3

Weapon System Cost Analysis Exhibit P-5, page 3 of 9

Appropriation (Treasury) Code/CC/BA	/BSA/Ite	m Control Num	ber				P-1 Line It	em Nomenclati	ıre		
Aircraft Procurement, Ai				01, Comb	oat Aircra	ft, Item No					
Weapon System					Subline Iter	n					
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	1	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		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	24	123.904	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	48	11.541	478 AESW	Oct-06	SS	FFP	Pratt & Whitney	Jul-07	Feb-10	Yes	

Remarks

The P-5 and P-5A engine costs differ due to the aircraft 'shipset' quantities used: 2 engines on the P-5 and 1 engine on the P-5A.

Unit cost is for airframe and avionics costs, but does not include non-recurring cost.

Exhibit P-5A, Procurement History and Planning

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

Date: February 2010

Exhibit P	P-21, Productio	n Sched	lule																			D	ate: I	Febru	uary	2010				
Appropriati	ion (Treasury) Cod	e/CC/BA/E	3SA/Item C	Control Nu	ımber													Р	-1 Lin	e Item	n Nom	nencla	ature							
Aircraf	t Procureme	ent, Air	Force,	Budg	et Acti	vity	01,	Co	mba	at A	ircr	aft,	lten	ı No	o. 3			F	-22											
		S		ACCEP.	BALANCE					FIS	SCAL Y	EAR 20	003									FIS	SCAL Y	EAR 2	004					L
		E	PROC.	PRIOR	DUE		2002						CALI	ENDAR	R YEAR	2003							C	ALENE	AR YE	EAR 200)4			Α
PRO	OCUREMENT YEAR	R	OTY	TO	AS OF	О	N	D	J	F	M	A	M	J	J	A	S	О	N	D	J	F	M	A	M	J	J	A	S	T
		V	Q11	1 OCT	1 OCT	С	О	E	A	Е	A	P	Α	U	U	U	E	C	О	E	A	Е	A	P	A	U	U	U	E	Е
		,		2002	2002	T	V	C	N	В	R	R	Y	N	L	G	P	T	V	C	N	В	R	R	Y	N	L	G	P	R
1999		USAF	2	0	2	1	1																					ldot		0
2000		USAF	0	0	0																							$ldsymbol{ldsymbol{\sqcup}}$		0
2001		USAF	10	0	10												1		1	2		2		2	1	1		igsquare		0
2002		USAF	13	0	13																						1	1		11
2003		USAF	21	0	21							Awar d																		21
2004		USAF	22	0	22																					Awar d				22
2005		USAF	24	0	24	1	1	ì																						24
2006		USAF	23	0	23																									23
2007		USAF	20	0	20																									20
2008		USAF	20	0	20																									20
2009		USAF	24	0	24		L					L														L		igspace		24
TOTAL			179	0	179	_	1					0					1		1	2		2	ļ	2	1	1	1	1		165
						O C	N O	D E	A	F E	M A	A P	M A Y	U	U	U	S E	O C	N 0	D E	J A	F E	M A	A P	A	U J	J U	U	S E	
			1		PRODUCT	ION D	ATEC	С	N	В	R	R	Y	N	L	G MENT I	-	TINAE	V	С	N	В	R	R	Y	N	L	G	Р	
					MIN	SHIF		М						PRO		MIN	LEAD	I IIVIE						-						
					SUST	HOU		A							LEAD															
ITEM/MANI I	FACTURER'S NAME		LOCATION	ı	3031	DAYS		X							LLAD	IIIVIL			MFG			TOTAL								
Lockheed Mar			Marietta, GA			DATE	,	36							IOR OCT	AFT 1 O		1	TIME			AFTEF 1 OCT								
			0000						•							10	·C1													
									INITIA											52				1						
									REOF	RDER										35										
REMARKS	ma raffacts Advanced Pro																													
		auramant It																												

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

P-1 Shopping List Item No. 3

Production Schedule Exhibit P-21, page 5 of 9

Ex	hibit P-21, Production	n Sched	lule																			D	ate: I	-ebru	uary 2	2010				
App	propriation (Treasury) Code	e/CC/BA/E	3SA/Item (Control No	umber													Р	-1 Lin	e Iten	n Nom	nencla	ature							
Αi	rcraft Procureme	nt, Air	Force	, Budg	et Acti	vity	01,	Co	mba	at A	ircr	aft,	lter	n No	o. 3			F	-22											
		S	PROC.	ACCEP. PRIOR	BALANCE DUE		2004			FIS	SCAL Y	EAR 2		ENDAI	R YEAF	R 2005						FIS		EAR 20 ALEND		EAR 200)6			L A
	PROCUREMENT YEAR	R V	QTY	TO 1 OCT 2004	AS OF 1 OCT 2004	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	T E R
	2001	USAF	10		0																									0
	2002 2003	USAF USAF	13		11 21		0	5	1	1	1	1	2	1	3	0	5	2	3	3	1	1				┢	\vdash	┢		0
	2004	USAF	22		22				<u> </u>							<u> </u>	,		,		0	2	2	2	2	5	2	2	0	5
	2005	USAF	0	0	0														Awar d											0
TOT	ĀL		66	12	. 54	2	0	5	1	1	1	1	2	1	3	0	5	2	3	3	1	3	2	2	2	5	2	2	0	5
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	N N	U U	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	Z C	D L	A U G	S E P	
					PRODUCT	ION R	ATES							PRC	CURE	MENT	LEAD	TIME												
	M/MANUFACTURER'S NAME		LOCATION		MIN SUST	SHIF HOUI DAYS	RS	M A X								MIN TIME			MFG			TOTAL	_							
	cheed Martin		Marietta, G			DAYS	•	36							RIOR	AF 1 0	TER		TIME			AFTER 1 OCT								
									INITIA REOF											52 35										
	MARKS							•																•						
Mon																														

P-1 Shopping List Item No. 3

Production Schedule Exhibit P-21, page 6 of 9

Exl	hibit P-21, Productio	n Sched	lule																			D	ate: I	-ebru	uary :	2010				
App	propriation (Treasury) Cod	e/CC/BA/E	3SA/Item (Control Nu	mber													Р	-1 Lin	e Item	n Nom	nencla	ature							
	rcraft Procureme					vity	01,	Co	mba	at A	ircr	aft,	lten	ı No	o. 3			F	-22											
	PROCUREMENT YEAR	S E R V	PROC. QTY	ACCEP. PRIOR TO 1 OCT 2006	BALANCE DUE AS OF 1 OCT 2006	O C	2006 N O V	D E	J A N	F E	M A R	A P R		ENDAF J U N	YEAR J U	2007 A U G	S E	0 C	N O	D E	J A N	FIS F E B	CAL Y C. M A R			EAR 200 J U N	08 J U	A U	S E	L A T E
	2003	USAF	21	2006	2006	1	V	-	IN	В	K	K	1	IN	L	G	P	1	V		IN	ь	K	K	1	IN	L	G	P	R 0
	2004	USAF	22	17	5	4	1																							0
	2005	USAF	24	0	24		1	2	1	2	2	2	2	2	2	2	2	2	2											0
	2006	USAF	23	0	23		Awar d													3	2	1	1	2	3	2	3	3	0	3
	2007	USAF	20	0	20										Awar d															20
	2008	USAF	20	0	20										Awar															20
TOT	ÄL	•	130	38	92	4	2	2	1	2	2	2	2	2	2	2	2	2	2	3	2	1	1	2	3	2	3	3	0	43
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	N N	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	JUL	A U G	S E P	
					PRODUCT									PRO	CURE		LEAD	TIME												
	//MANUFACTURER'S NAME		LOCATION	1	MIN SUST	SHIF HOU! DAYS	RS	M A X							ADI LEAD	MIN TIME			MFG			TOTAL AFTEF								
Lock	heed Martin		Marietta, GA	A 30063 -				36							OCT	AFT 1 C			TIME			1 OCT								
									INITIA											52				1						
DEM	MADICO								REOR	DER										35										
KEIV	MARKS																													

P-1 Shopping List Item No. 3

Production Schedule Exhibit P-21, page 7 of 9

Exhibit P-21, Production Schedule			Date: February 2010
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number			P-1 Line Item Nomenclature
Aircraft Procurement, Air Force, Budget A	tivity 01, Co	ombat Aircraft, Item No. 3	F-22
S ACCEP. BALA E PROC. PRIOR DU	2008	FISCAL YEAR 2009 CALENDAR YEAR 2009	FISCAL YEAR 2010 L CALENDAR YEAR 2010 A
PROCUREMENT YEAR R QTY TO AS C 1 OCT 1 OCT 2008 200	O N D C O E T V C	J F M A M J J A A A E A P A U U U U N B R R Y N L G	S O N D J F M A M J J A S T E C O E A E A P A U U U E E P T V C N B R R Y N L G P R
2005 USAF 24 24	0		
2006 USAF 23 20	3 2 1		
2007 USAF 20 0	20 2	1 1 1 3 1 2 2 1	1 1 2 0
2008 USAF 20 0	20	 	2 1 1 2 2 1 2 2 4
TOTAL 107 44	53 2 3	1 1 3 1 2 2 1	1 1 2 2 1 1 2 2 1 2 24
107	O N D C O E T V C	J F M A M J J A A E A P A U U U U N B R R Y N L G	S O N D J F M A M J J A S E C O E A E A P A U U U E P T V C N B R R Y N L G P
PROD	CTION RATES	PROCUREMENT L	AD TIME
MIN SUST ITEM/MANUFACTURER'S NAME LOCATION	SHIFT M HOURS A DAYS X	LEAD TIME	MFG TOTAL AFTER
Lockheed Martin Marietta, GA 30063 - 0000	3	PRIOR AFTI 1 OCT 1 OC	R TIME 1.0CT
		INITIAL	52
DEMARKS		REORDER	35
REMARKS			

P-1 Shopping List Item No. 3

Production Schedule Exhibit P-21, page 8 of 9

Exh	xhibit P-21, Production Schedule															Date: February 2010														
App	ppropriation (Treasury) Code/CC/BA/BSA/Item Control Number														Р	P-1 Line Item Nomenclature														
Air	Aircraft Procurement, Air Force, Budget Activity 01, Combat Aircraft, Item No. 3														F	F-22														
		S	PD CC	ACCEP. PRIOR	BALANCE DUE		2010								FIS		CAL YEAR 2012 CALENDAR YEAR 2012						L A							
	PROCUREMENT YEAR	R V	PROC. QTY	TO 1 OCT 2010	AS OF 1 OCT 2010	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	T E R
	2008	USAF	20	16	4	2	1	1																						0
_	2009	USAF	24	0	24	_			2	2	1	2	2	1	2	2	1	2	1	3	2	1								0
TOTA	TOTAL 44 16 2						1	1	2	2	1	2	2	1	2	2	1	2	1	3	2	1						<u> </u>		0
			O C T	N O V	E C	A N	F E B	M A R	A P R	M A Y	U N	U L	U G	S E P	O C T	N O V	D E C	J A N	F E B	A R	P R	A Y	U N	U L	U G	S E P				
		PRODUCT	TION RATES PROCUREMENT LEAD TIME						TIME	VIE							•													
ITEM	MIN SUST							M A X	ADMIN LEAD TIME						MEG		TOTAL													
	I/MANUFACTURER'S NAME need Martin	LOCATION Marietta, GA 0000			DAYS	•	36					PR 1 C	IOR OCT	AF 1 C	TER		MFG TIME		AFTER 1 OCT											
									INITIA											52 35										
REM.	ARKS								•					•																

P-1 Shopping List Item No. 3

Production Schedule Exhibit P-21, page 9 of 9

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Exhibit P-40, Budget Item Ju-		Date: February 2010											
Appropriation (Treasury) Code/CC/B	BA/BSA/Item (P-1	P-1 Line Item Nomenclature										
Aircraft Procurement, A	Air Force	F-	F-22 (Raptor) Advance Procurement										
Program Element for Code B Item	ns:	N/A			Other Related Program Elements:								
					FY 2011	Total							
	ID Code	Prior Years	FY 2009	FY 2010	FY 2011	OCO	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	To Comp	Total
Proc Qty	A						0						0
Cost (\$ M)		0.000					0.000						0.000
Advance Proc Cost (\$ M)		4878.270	138.579				0.000						5016.849
Weapon System Cost (\$ M)		4878.270	138.579	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5016.849
Initial Spares (\$ M)		0.000					0.000						0.000
Total Proc Cost (\$ M)		4878.270	138.579	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5016.849
Flyaway Unit Cost (\$ M)							0.000						
Wpn Sys Unit Cost (\$ M)							0.000						

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 for 20 Lot 10 F-22 fighter aircraft. Subsequently, \$140M was authorized for procurement of 4 Lot 10 F-22 fighter aircraft. The 2010 National Defense Authorization Act rescinded \$383M.

FY 2011 Program Justification

N/A

P-1 Shopping List Item No. 4

Budget Item Justification Exhibit P-40, page 1 of 3

					UNCL	ASSIFIE	ם						
Exhibit P-10 p.1, Advance (Page 1 - Funding)	Procureme	ent Requirer	ments Anal	ysis						Date:	February 2	.010	
Appropriation (Treasury) Code/0	CC/BA/BSA/Ite	m Control Nun	P-1 Line Item Nomenclature										
Aircraft Procuremen	t, Air Fore	ce, Budge	t Activity	/ 01, Co m	ıbat Airc	raft, Item	No. 4	· · · · · · · · · · · · · · · · · · ·	F-22 (Rap	tor) Adva	ance Pro	curemen	it '
Weapon System			First System Completion Date										
F-22AP				Jun	ı - 98	Oct-02							
<u> </u>				Т	(\$ in	n Millions)	T 777 2011						
<u>Description</u>	<u>PLT</u>	When Rqd	Prior Years	FY 2009	FY 2010	FY 2011	FY 2011 OCO	FY 2012	FY 2013	FY 2014	FY 2015	To Comp	<u>Total</u>
End Item Qty	_		155	24					†				179
CFE			4437.557	138.579	<u> </u>	<u> </u>	<u> </u>		<u> </u>	<u> </u>	<u> </u>	<u> </u>	4576.136
GFE					[<u>'</u>		['						0.000
			200,000										200,000
EOQ			300.000		<u> </u>	 '	 '	<u> </u>		'	 '	<u> </u>	300.000
Design			140.713	'	<u> </u>	<u> </u>	<u> </u>			'	<u> </u>	<u> </u>	140.713
Term Liability			J	<u> </u>	<u> </u>	<u> </u>	<u> </u> '			<u> </u>	<u> </u>	<u> </u>	0.000
		T		,	,	<u> </u>	<u> </u>				(<u> </u>		0.000
TOTAL AP			4878.270	138.579	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5016.849
Description													
CFE represents required fundi	ing for Contra	ictor Furnishe	d Equipment	(CFE) for bo	oth Air Vehic	cle and Engi	ne.						
Prior year Economic Order Qu	uantity (EOQ) procurement	supports the	multiyear pr	rocurement c	of 60 F-22As	in Lots 7, 8,	, and 9.					
Design line represents funding	g for Diminisl	hing Manufact	turing Source	es (DMS). S	tarting in FY	'02, DMS fu	nding moved	l out of adv	ance procurer	nent and into	the aircraft	procurement	

non-recurring funding.

P-1 Shopping List Item No. 4

Advance Procurement Requirements Analysis (Page 1 - Funding) Exhibit P-10 p.1, page 2 of 3

				UNC	LASSIFIE	ΞD						
Exhibit P-10 p.2, Advar (Page 2 - Budget Justit		quirements /	Analysis						Date	: February	2010	
Appropriation (Treasury) Cod		ol Number						P-1 Line Item	Nomenclature			
Aircraft Procureme			vity 01, Co	mbat Air	craft, Ite	m No. 4			ptor) Adv		ocureme	nt
Weapon System				,					,	•	,	
F-22AP												
				(TOA,	\$ in Million	ns)						
					2009 Contract Forecast	2009 Total Cost		2010 Contract Forecast	2010 Total Cost	FY 2011	FY 2011 Contract Forecast	FY 2011 Total Cost
Description	<u>PLT</u>	<u>QPA</u>	Unit Cost	2009 QTY	Date	Request	2010 QTY	<u>Date</u>	Request	QTY	<u>Date</u>	Request
End Item												
								•				
CFE				20	Nov-08	138.579						
		_				1	1	1				
EOQ												
Design				<u> </u>								
TOTAL AP						138.579			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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FY 2011 BUDGET ESTIMATES BUDGET ACTIVITY 02 – AIRLIFT AIRCRAFT FEBRUARY 2010

PAGE 2-0

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Exhibit P-40, Budget Item Jus	stification									Date:	February 2	010	
Appropriation (Treasury) Code/CC/B	A/BSA/Item C	Control Number						P-	Line Item No	omenclature			
Aircraft Procurement, A	ir Force,	Budget A	ctivity 02	2, Airlift	Aircraft,	Item No.	. 5	C	-17A (MY	P)			
Program Element for Code B Item	ıs:	N/A			Other Rela	ted Program	Elements:						
	ID Code	Prior Years	FY 2012	FY 2013	FY 2014	FY 2015	To Comp	Total					
Proc Qty	A	205						223					
Cost (\$ M)		44693.175	2488.079	2580.251	14.283		14.283	104.268	84.628	164.265	158.581		50287.530
Interim Ctr Support (\$ M)		3963.336					0.000						3963.336
Advance Proc Cost (\$ M)		5369.712					0.000						5369.712
Weapon System Cost (\$ M)		54026.223	2488.079	2580.251	14.283	0.000	14.283	104.268	84.628	164.265	158.581	0.000	59620.578
Initial Spares (\$ M)		807.018					0.000						807.018
Total Proc Cost (\$ M)		54833.241	2488.079	2580.251	14.283	0.000	14.283	104.268	84.628	164.265	158.581	0.000	60427.596
Flyaway Unit Cost (\$ M)		200.963					0.000						
Wpn Sys Unit Cost (\$ M)		267.479					0.000						

Description

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.

FY2009 funding total includes \$17M of appropriated FY09 'Bridge' Overseas Contingency Operations (OCO) supplemental funding.

FY2009 funding total includes \$2.1702M OCO of appropriated funding.

The FY2010 appropriation of \$2.5B "for the procurement of ten C-17 aircraft, associated spares, support equipment and training equipment as required" is not sufficient for this requirement. Shortfall estimated at \$530M.

FY2011-FY2015 budget funds the acquisition of required C-17 support equipment, spares, data, material improvement projects, training equipment, obsolescence, airframe, and mission support.

Material improvement projects retrofit kits are included in APAF Site Activation/Spares line per FY2006 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 0401130F.

P-1 Shopping List Item No. 5

Budget Item Justification Exhibit P-40, page 1 of 11

Exhibit P-40, Budget Item Justification	Date: February 2010
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)
Description Due to an inadvertent error the Air Force requests a technical adjustment transferring \$114,400,000 from P-1 Line No. 5 "C-17A (MYP). The following exhibits reflect the correct amount (\$128.683M) after the technical adjustment is accordingly.	
FY 2011 Program Justification	
FY2011 budget funds the acquisition of required C-17 support equipment, spares, data, material improvement projects support.	
P-1 Shopping List Item No. 5	Budget Item Justification Exhibit P-40, page 2 of 11

Exhibit P-5, Weapon System Cost Analysis										Date: Feb	ruary 20	10	
Appropriation (Treasury) Code/CC/BA/BSA/Item Cont									e Item Nomen	clature			
Aircraft Procurement, Air Force, B	udget A	ctivity (2, Airlif	t Aircraf	t, Item I	No. 5		C-17/	A (MYP)				
Manufacturer's Name/Plant City/State Location				Subline Iter	n								
Boeing Airlift and Tankers / Long Beach, CA													
Weapon System	Ident			•		Total	Cost in Mil	lions of D	Oollars				
Cost Elements	Code		FY 2009			FY 2010			FY 2011		F	FY 2011 OC	O
				Total			Total			Total			Total
		Qty	Unit Cost	Cost	Qty	Unit Cost	Cost	Qty	Unit Cost	Cost	Qty	Unit Cost	Cost
1.0 Airframe		8	206.313	1650.500	10	213.800	2138.000						
2.0 Engine (4) (Model F-117-PW-100)	A	32	9.281	297.000	37	9.784	362.000						
3.0 Avionics	A			68.767									
4.0 Engineering Change Orders (ECO)	A										<u> </u>		
5.0 Producibility Enhancement	A			0.000									
6.0 Nonrecurring Flyaway	A			0.000							<u> </u>		
7.0 Settlement	A			0.325									
7.1 Prior Year Adv Procurement (unit cost													
non add)													
8.0 Flyaway Cost Subtotal (1 thru 7)				2016.592			2500.000				<u> </u>		
9.0 Peculiar Support Equipment	A			110.982			9.886			31.989			
10.0 Common Support Equipment	A			0.190			1.000			1.000			
11.0 Training	A			104.745			25.798			48.168			
12.0 Post Production Product Improvement	A			30.266			11.157			7.947			
13.0 Data	A			29.925			1.353			0.800			
14.0 Field Support	A			0.000			0.000			0.000			
15.0 Site Activation/Spares (XX10)	A			123.779			24.657			30.300			
16.0 Whole Engine Spares		6	9.667	58.000			0.000			0.000			
17.0 Mission Support	A			13.600			6.400			8.479			
18.0 Support Cost Subtotal (9 thru 16)				471.487			80.251			128.683			
19.0 Gross P-1 Cost (8+18)				2488.079			2580.251			128.683			
20.1 LESS: Prior Year Adv Procurement	<u>A</u>			0.000			0.000						
20.2 LESS: EOQ Payback	A			0.000			0.000						
20.3 Prior Year Adv Procurement (unit cost non add)	A												
21.0 Net P-1 Cost (18 + 19)													
22.1 Advance Procurement, Current Year	A			0.000			0.000						
22.2 EOQ, Current Year	A			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						
TOTAL PROGRAM				2488.079			2580.251			128.683			
			P-1 Shop	ping List It	em No. 5					Weap	on Syste	m Cost An	alysis

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Weapon System Cost Analysis Exhibit P-5, page 3 of 11

				UNCL	ASSIF	IED								
Exhibit P-5, Weapon System Cost Analys	is							D	ate: Feb	ruary 2010				
Appropriation (Treasury) Code/CC/BA/BSA/Item Co	ntrol Number							P-1 Line Item Nomencla	ature					
Aircraft Procurement, Air Force, I	3udget A	ctivity	02, Airlif	ft Aircra	ft, Item	No. 5		C-17A (MYP)						
Manufacturer's Name/Plant City/State Location				Subline It	em									
Boeing Airlift and Tankers / Long Beach, CA														
Weapon System	Ident					Total	Cost in M	illions of Dollars						
Cost Elements	Code		FY 2009			FY 2010		FY 2011		FY 2011 OCC				
			TT 1: G	Total		77 '. G	Total		Total		Total			
		Qty	Unit Cost	Cost	Qty	Unit Cost	Cost	Qty Unit Cost	Cost	Qty Unit Cost	Cost			
	iotad O	CO summ1	amantal fund	ling for 0 o	inomoft on	l additional C	17 ma gaving							
									is not suf	ficient for this				
	curement of	ten C-1/	aircraft, asso	ciated spar	es, suppo	rt equipment a	ınd trainin	g equipment as required	is not sui.	incient for this				
Comments TY2009 funding total includes \$2,170.2M of appropriated OCO supplemental funding for 8 aircraft and additional C-17 requirements. The FY2010 appropriation of \$2.5B "for the procurement of ten C-17 aircraft, associated spares, support equipment and training equipment as required" is not sufficient for this equirement. Shortfall estimated at \$530M. TY2011 Training funding to cover increased Aircrew Training Systems (ATS) Component Obsolescence and Maintenance Training System (MTS) Stabilizer Strut Improvement Program requirements.														
omments Y2009 funding total includes \$2,170.2M of appropriated OCO supplemental funding for 8 aircraft and additional C-17 requirements. he FY2010 appropriation of \$2.5B "for the procurement of ten C-17 aircraft, associated spares, support equipment and training equipment as required" is not sufficient for this equirement. Shortfall estimated at \$530M. Y2011 Training funding to cover increased Aircrew Training Systems (ATS) Component Obsolescence and Maintenance Training System (MTS) Stabilizer Strut Improvement rogram requirements.														
Y2009 funding total includes \$2,170.2M of appropriated OCO supplemental funding for 8 aircraft and additional C-17 requirements. the FY2010 appropriation of \$2.5B "for the procurement of ten C-17 aircraft, associated spares, support equipment and training equipment as required" is not sufficient for this equirement. Shortfall estimated at \$530M. Y2011 Training funding to cover increased Aircrew Training Systems (ATS) Component Obsolescence and Maintenance Training System (MTS) Stabilizer Strut Improvement regram requirements.														
omments Y2009 funding total includes \$2,170.2M of appropriated OCO supplemental funding for 8 aircraft and additional C-17 requirements. he FY2010 appropriation of \$2.5B "for the procurement of ten C-17 aircraft, associated spares, support equipment and training equipment as required" is not sufficient for this equirement. Shortfall estimated at \$530M. Y2011 Training funding to cover increased Aircrew Training Systems (ATS) Component Obsolescence and Maintenance Training System (MTS) Stabilizer Strut Improvement														

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P-1 Shopping List Item No. 5

Weapon System Cost Analysis Exhibit P-5, page 4 of 11

Exhibit P-5A, Procuremen	•	•							Dat	e: February	2010	
Appropriation (Treasury) Code/C	C/BA/BSA/Iter	m Control Num	nber					P-1 Line Ite	m Nomenclatu	ire		
Aircraft Procurement	t, Air Ford	e, Budge	t Activity	02, Airlift	Aircraft,	Item No.	5	C-17A (MYP)			
Weapon System					Subline Iter	m						
C-17A												
WBS Cost Elements	Qty	Unit Cost	Location of PCO	RFP Issue Date	Contract Method	Contract Type	Contractor and I	ocation	Award Date	Date of First Delivery	Specs Available Now?	Date Revision Available?
	(-)				1	-51						
FY 2006					<u> </u>							
Air Vehicle	15	170.152	AFMC/ASC		SS	FFP	Boeing - Airlift a Tankers, Long B	Beach, CA	Jan-06	Aug-06		
Propulsion	60	6.270	AFMC/ASC		SS	FP	Pratt & Whitney Hartford, CT	, East	Nov-05	Jul-06		
FY 2007												
Air Vehicle	12		AFMC/ASC		SS	FFP	Boeing - Airlift a Tankers, Long B		Jan-07	Sep-07		
Propulsion	32	6.512	AFMC/ASC		SS	FP	Pratt & Whitney Hartford, CT	, East	Nov-06	Jul-07		
Air Vehicle	10	161.479	AFMC/ASC		SS	FFP	Boeing - Airlift : Tankers, Long B		Dec-06	Jan-09		
Propulsion	40	8.500	AFMC/ASC		SS	FP	Pratt & Whitney Hartford, CT	, East	Mar-07	Mar-08		
Propulsion	13	8.500	AFMC/ASC		SS	FPAF	Pratt & Whitney Hartford, CT	, East	Jul-08	Nov-08		
FY 2008	,											
Air Vehicle	15	187.121	AFMC/ASC		SS	FFP	Boeing - Airlift a Tankers. Long B		Feb-09	Nov-09		
Propulsion	60	8.580	AFMC/ASC		SS	FP	Pratt & Whitney Hartford, CT	, East	Dec-08	May-09		
FY 2009	•											
Air Vehicle	8	214.908	AFMC/ASC		SS	FFP	Boeing - Airlift a Tankers. Long B		Jul-10	Oct-10		
Propulsion	32	9.281	AFMC/ASC		SS	FP	Pratt & Whitney Hartford, CT	, East	Feb-10	Jun-10		
FY 2010	•											
Air Vehicle	10		AFMC/ASC		SS	FFP	Boeing - Airlift a Tankers. Long B	Beach, CA	May-11	Aug-11		
Propulsion	37	9.784	AFMC/ASC		SS	FP	Pratt & Whitney Hartford, CT	, East	Jun-10	Oct-10		
				P-1 Shop	ping List Ite	m No. 5			Proc		istory and	
										Exhib	it P-5A, pag	e 5 of 11

UNCLASSIFIED	
Exhibit P-5A, Procurement History and Planning	Date: February 2010
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)
Remarks	
Air Vehicle Unit Cost is total of Airframe and Avionics unit costs which includes both Contractor and Government Furn	
The FY2010 appropriation of \$2.5B "for the procurement of ten C-17 aircraft, associated spares, support equipment and	training equipment as required" is not sufficient for this
requirement. Shortfall estimated at \$530M.	
P-1 Shopping List Item No. 5	Procurement History and Planning
	Exhibit P-5A, page 6 of 11

														_																
Ex	hibit P-21, Productio	n Sched	lule																			D	ate: I	Febru	Jary 2	2010				
App	propriation (Treasury) Cod	e/CC/BA/E	3SA/Item (Control Nu	umber													Р	-1 Lin	e Iten	n Nom	encla	ature							
Αi	rcraft Procureme	ent, Air	Force	, Budg	et Acti	vity	<mark>/ 02</mark> ,	Air	lift A	Airc	raft	, Ite	m N	lo. t	5			C	C-17	A (I	ИYР)								
		S		ACCEP.	BALANCE					FIS	CAL Y	EAR 2	002									FIS	CAL Y	EAR 20)03					L
		E	PROC.	PRIOR	DUE		2001		<u> </u>				CALI	ENDAF	YEAR	2002							C.	ALEND	AR YE	EAR 200)3			A
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ITEI	M/MANUFACTURER'S NAME		LOCATION	J	SUST	HOU!		A							LEAD	TIME			MFG			TOTAL AFTER								
_	litional C-17 Aircraft / Boeing (Lot	15B-Lot 19)			12	1/8/5	,	15	1					PR	IOR	AF	ΓFR	1	TIME		1	1 OCT								
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									REOF	RDER																				
	MARKS																													
FY2	2007 reflects 10 additional aircraft a	dded in the F	Y07 GWOT s	supplemental.	One of those	aircraf	t was tra	ansferre	d to the	Strateg	ic Airli	ft Capa	bility (S	(AC) in	July 20	09.														

The USAF delivery schedule has been adjusted to account for foreign military and direct commercial sales (FMS and DCS).

P-1 Shopping List Item No. 5

Production Schedule Exhibit P-21, page 7 of 11

FY2008 reflects 15 aircraft deliveries.

FY2009 reflects 8 aircraft deliveries.

FY2010 reflects 10 aircraft deliveries.

Exn	ibit P-21, Productio	n Sched	lule																			D	ate:	Febr	uary	2010)			
Appro	opriation (Treasury) Cod	le/CC/BA/I	BSA/Item (Control N	umber													Р	-1 Lin	e Iten	n Non	nencla	ature							
Air	craft Procureme	ent, Air	Force	, Budg	jet Acti	ivity	, 02,	Air	lift A	Airc	raft	, Ite	m N	lo.	5			C	C-17	A (I	ИYР	')								
		S	PROC	ACCEP. PRIOR	DUE		2003			FIS	CAL Y	EAR 2		ENDAI	R YEAF	R 2004						FIS		EAR 2		EAR 20	005			L A
	PROCUREMENT YEAR	R V	QTY	TO 1 OCT 2003	AS OF 1 OCT 2003	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	T E R
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					PRODUCT	ION R	ATES					•	•	PRC	CURE	MENT	LEAD	TIME			•								•	
ITENA/	MANUEACTURERIS NAME		LOCATION		MIN SUST	SHIF	RS	M A								MIN TIME			MFG			TOTAL								
	MANUFACTURER'S NAME	15D I at 10)	LOCATION		12	DAYS	>	X	-					DD	IOB		rep	-	TIME			AFTEF 1 OCT		I						
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REMARKS

FY2007 reflects 10 additional aircraft added in the FY07 GWOT supplemental. One of those aircraft was transferred to the Strategic Airlift Capability (SAC) in July 2009.

FY2008 reflects 15 aircraft deliveries.

FY2009 reflects 8 aircraft deliveries.

FY2010 reflects 10 aircraft deliveries.

The USAF delivery schedule has been adjusted to account for foreign military and direct commercial sales (FMS and DCS).

P-1 Shopping List Item No. 5

Production Schedule Exhibit P-21, page 8 of 11

Ex	hibit P-21, Productio	n Sched	lule																			D	ate: I	Febru	uary	2010)			
App	propriation (Treasury) Cod	le/CC/BA/I	BSA/Item (Control No	umber													Р	-1 Lin	e Iten	า Non	nencla	ature							
Ai	rcraft Procureme	ent, Air	Force	, Budg	jet Acti	ivity	, 02,	Air	lift A	Airc	raft	, Ite	m N	lo.	5			C	-17	A (I	ИYР	P)								
		S		ACCEP.	BALANCE					FIS	CAL Y	EAR 2										FIS		EAR 2						L
		E	PROC.	PRIOR	DUE		2005						CAL	ENDAI	R YEAF	R 2006							C.	ALENE	OAR YE	EAR 20	07			Α
	PROCUREMENT YEAR	R				О	N	D	J	F	M	Α	M	J	J	Α	S	О	N	D	J	F	M	Α	M	J	J	A	S	T
		V				C	0	E	A	E	A	P	A	U	U		E	C	0	E	A	E	A	P	A	U	U	U	E	E
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ITEM/MANUFACTURER'S NAME											l	TIME			AFTER 1 OCT	(
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REMARKS

FY2007 reflects 10 additional aircraft added in the FY07 GWOT supplemental. One of those aircraft was transferred to the Strategic Airlift Capability (SAC) in July 2009.

FY2008 reflects 15 aircraft deliveries.

FY2009 reflects 8 aircraft deliveries.

FY2010 reflects 10 aircraft deliveries.

The USAF delivery schedule has been adjusted to account for foreign military and direct commercial sales (FMS and DCS).

P-1 Shopping List Item No. 5

Production Schedule Exhibit P-21, page 9 of 11

Ex	hibit P-21, Productio	n Sched	lule																			D	ate:	Febru	uary	2010)			
App	propriation (Treasury) Cod	e/CC/BA/I	BSA/Item (Control No	umber													Р	-1 Lin	e Iten	n Non	nencla	ature							
	rcraft Procureme					ivity	, 02,	Air	lift A	Aircı	raft	, Ite	m N	lo.	5				-17	A (I	ИYР	P)								
		S	PPOC	ACCEP. PRIOR	BALANCE DUE		2007			FISO	CAL Y	EAR 2		ENDAI	R YEAF	R 2008						FIS		EAR 2		EAR 20	09			L A
	PROCUREMENT YEAR	R V	QTY	TO 1 OCT 2007	AS OF 1 OCT 2007	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	T E R
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	V 2007 2007 T V C N B R R Y N L G P T															-									- 0	0	15			
	2006 USAF 15 15 0														_		-		 	1	_		<u> </u>	<u> </u>	+	-	10			
TOT		05/11		40			2	0	0	0	0	1	1	1	1	1	2	1	1	2		1	2	1	2	1	1	0	0	33
			103			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	33
					PRODUCT	ION R	ATES							PRC	CURE	MENT	LEAD	TIME							•					
ITEN	PRODUCTION RATES PRODUCTION															MIN TIME			MFG			TOTAL AFTEF						_		
_	tional C-17 Aircraft / Boeing (Lot	15B-Lot 19)	Long Beach		12	1/8/5		15							NOR OCT	AF7	ΓER OCT		TIME			1 OCT								
	INITIAL 4														32			36												
<u> </u>		REORDER 4																												

REMARKS

FY2007 reflects 10 additional aircraft added in the FY07 GWOT supplemental. One of those aircraft was transferred to the Strategic Airlift Capability (SAC) in July 2009.

FY2008 reflects 15 aircraft deliveries.

FY2009 reflects 8 aircraft deliveries.

FY2010 reflects 10 aircraft deliveries.

The USAF delivery schedule has been adjusted to account for foreign military and direct commercial sales (FMS and DCS).

P-1 Shopping List Item No. 5

Production Schedule Exhibit P-21, page 10 of 11

Exl	hibit P-21, Productio	n Sched	ule																			D	ate: F	Febru	Jary :	2010	ı			
App	propriation (Treasury) Code	e/CC/BA/E	3SA/Item (Control No	umber													P.	-1 Lin	e Iten	n Nom	nencla	ature							
Aiı	rcraft Procureme	nt, Air	Force	, Budg	jet Acti	vity	02,	Air	lift /	۱irc	raft	, Ite	m N	lo. {	5			C	:-17	A (N	MYP	')								
		S		ACCEP. PRIOR	BALANCE DUE		2009			FIS	CAL Y	EAR 20		ENDAE	R YEAR	2010						FIS	SCAL Y	EAR 20		AR 20	11			L A
	PROCUREMENT YEAR	E R V	PROC. QTY	TO 1 OCT 2009	AS OF 1 OCT 2009	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	T E R
	2008 GWOT	R Q1Y 1 OCT 1 OCT C O E A E A P A U U U E C O O O O O O O O O															0	0	0	0	0	0	0	0	0	0	0	0	0	
<u> </u>	2009 OCO	R															2	1	1	1	1	2	├	<u> </u>	<u> </u>	<u> </u>	1	1	0	
TOT	2010 Al	O USAF 8 0 8 2															2	1	1	1	1	2	0	0	0	0	1	1	8	
						0 C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	0 C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	
					PRODUCT									PRO			LEAD 7	ГІМЕ						$ldsymbol{f eta}$						
ITEN	//MANUFACTURER'S NAME		LOCATION	1	SUST	SHIFT HOUR DAYS	RS	M A X								MIN TIME			MFG TIME		1	TOTAL AFTER								
Addi	tional C-17 Aircraft / Boeing (Lot 1	15B-Lot 19)	Long Beach	, CA	12	1/8/5		15	-				ļ		IOR OCT		TER DCT		IIIVIE	ļ		1 OCT								
DEL	LADVO.								INITIAI REOR								4			32			36	<u> </u>						
KEM	MARKS																													

The USAF delivery schedule has been adjusted to account for foreign military and direct commercial sales (FMS and DCS).

P-1 Shopping List Item No. 5

Production Schedule Exhibit P-21, page 11 of 11

FY2007 reflects 10 additional aircraft added in the FY07 GWOT supplemental. One of those aircraft was transferred to the Strategic Airlift Capability (SAC) in July 2009. FY2008 reflects 15 aircraft deliveries.

FY2009 reflects 8 aircraft deliveries.

FY2010 reflects 10 aircraft deliveries.

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Exhibit P-40, Budget Item Jus	tification									Date:	February 20	010	
Appropriation (Treasury) Code/CC/BA	A/BSA/Item (Control Number						P-	1 Line Item No	omenclature			
Aircraft Procurement, A	ir Force,	Budget A	ctivity 04	4, Other	Aircraft,	Item No.	6	С	-130J				
Program Element for Code B Items	s:	N/A			Other Rela	ted Program	Elements:						
						FY 2011	Total						
	ID Code	Prior Years	FY 2009	FY 2010	FY 2011	OCO	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	To Comp	Total
Proc Qty	A	74		4	8		8	4	2	2	8	36	138
Cost (\$ M)		5265.534	24.932	356.415	463.267		463.267	202.340	191.117	117.727	450.491	TBD	TBD
Advance Proc Cost (\$ M)		538.837	35.739	108.000	48.000		48.000	12.000	24.000	96.000		TBD	TBD
Weapon System Cost (\$ M)		5804.371	60.671	464.415	511.267	0.000	511.267	214.340	215.117	213.727	450.491	TBD	TBD
Initial Spares (\$ M)		70.169	0.000	0.000	0.000		0.000	0.000	0.000	0.000	0.000	TBD	TBD
Total Proc Cost (\$ M)		5874.540	60.671	464.415	511.267	0.000	511.267	214.340	215.117	213.727	450.491	TBD	TBD
Flyaway Unit Cost (\$ M)		61.652	N/A	63.548	61.719		61.719	64.210	67.633	68.012	67.684	TBD	
Wpn Sys Unit Cost (\$ M)		62.189	N/A	63.797	61.756		61.756	65.189	68.627	68.937	68.297	TBD	

Description

FY 2010 funding totals include \$72M for 1 C-130J funded by 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).

This program has associated Research Development Test and Evaluation (RDT&E) funding in PE 0401132F.

FY 2011 Program Justification

The FY 2011 budget supports continued C-130J aircraft production. In addition, the budget provides for logistics support for the USAF C/EC/WC-130J fleet, logistics support for aircrew and maintenance training devices, and program management support.

P-1 Shopping List Item No. 6

Budget Item Justification Exhibit P-40, page 1 of 11

Exhibit P-5, Weapon System Cost Analysis	3									Date: Feb	ruary 20	10	
Appropriation (Treasury) Code/CC/BA/BSA/Item Cont Aircraft Procurement, Air Force, B		ctivity	04, Othe	r Aircraf	t, Item	No. 6		P-1 Line C-130	Item Nomer	ıclature			
Manufacturer's Name/Plant City/State Location				Subline Iter	n								
Lockheed Martin Aero-Marietta				C-130J (BP	AC 1040	0C)							
Weapon System	Ident			`			Cost in Mil	llions of D	ollars				
Cost Elements	Code		FY 2009			FY 2010			FY 2011		I	FY 2011 OC	O
				Total			Total			Total			Total
		Qty	Unit Cost	Cost	Qty	Unit Cost	Cost	Qty	Unit Cost	Cost	Qty	Unit Cost	Cost
Airframe	A				3	63.300	189.900	8	60.500	484.000			1
Airframe (FY10 OCO)	A				1		60.200						1
Other Government Furnished Equipment (GFE)	A						4.091			9.748			
FLYAWAY COST SUBTOTAL							254.191			493.748			
Airframe Peculiar Ground Support Equipment (PGSE)	A						0.250			0.300			
Peculiar Training Equipment	A						59.600			0.819			
Publications/Technical Data	A			1.620			3.550			2.842			
Diminishing Manufacturing Sources	A						12.400			12.000			
ICS	A			2.721			1.690			1.372			
ISS	A						25.717			24.675			
Data	A						3.573			3.620			
Post Delivery Support	A			1.379			1.623			1.617			
Organic Depot Support	A			9.932			12.900						
Other	A			9.280			9.560			9.600			
ESL Wing Test	A						7.100			20.674			1
SUPPORT COST SUBTOTAL				24.932			137.963			77.519			
EOQ	A												
Advanced Procurement	A			35.739			108.000			48.000			
Less prorated FY03 EOQ													1
Less prorated FY04 EOQ	A												
Less prorated FY05 EOQ	A												1
Less previous year advance procurement	A						-35.739			-108.000			
TOTAL PROGRAM				60.671			464.415			511.267			
Comments			•			•	•		•	•			
Effective 1 Oct 99, initial spares requirements mig	grated to In	terim Sup	ply Support	(ISS) under	the Reeng	ineered Sup	ply Support	t Process (RSSP) umb	rella.			

P-1 Shopping List Item No. 6

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

Appropriation (Treasury) Code/CC/BA	/BSA/Ite	m Control Num	nber				P-1 Line Ite	m Nomenclatı	ure		
Aircraft Procurement, Ai	ir Ford	e, Budge	t Activity	04, Other	Aircraft,	Item No.	6 C-130J				
Weapon System					Subline Iter	m					
C-130J					C-130J (BF	PAC 10400C)					
									Date of	Specs	Date
			Location of	RFP Issue	Contract	Contract			First	Available	Revision
WBS Cost Elements	Qty	Unit Cost	PCO	Date	Method	Type	Contractor and Location	Award Date	Delivery	Now?	Available?
T 11 136 (* A	1	57.000	TVD A ED	A 00	G G	EED	T 11 136 C A	T 1 00	G 10	3.7	
Lockheed Martin - Aero		57.000	WPAFB	Apr-08	SS	FFP	Lockheed Martin - Aero,	Jul-08	Sep-10	Yes	
FY06 MYP Savings							Marietta, GA 30063-0290				
Lockheed Martin - Aero	5	57.500	WPAFB	Jun-07	SS	FFP	Lockheed Martin - Aero,	Aug-07	Jan-10	Yes	
FY07 GWOT							Marietta, GA 30063-0290				
Lockheed Martin - Aero	1	57.000	WPAFB	Apr-08	SS	FFP	Lockheed Martin - Aero,	Jul-08	Sep-10	Yes	
FY08 MYP Savings							Marietta, GA 30063-0290				
Lockheed Martin - Aero	18	58.000	WPAFB	Jul-08	SS	FFP	Lockheed Martin - Aero,	Oct-08	Aug-11	Yes	
FY08 GWOT							Marietta, GA 30063-0290				
Lockheed Martin - Aero	3	63.300	WPAFB	Feb-09	SS	FFP	Lockheed Martin - Aero,	Oct-10	Jun-12	Yes	
FY10							Marietta, GA 30063-0290				
Lockheed Martin - Aero	1	63.300	WPAFB	Nov-09	SS	FFP	Lockheed Martin - Aero,	Mar-10	Jun-13	Yes	

FFP

Marietta, GA 30063-0290 Lockheed Martin - Aero,

Marietta, GA 30063-0290

Mar-10

Remarks

FY10 OCO

FY11

Lockheed Martin - Aero

Exhibit P-5A, Procurement History and Planning

- 1. The C-130J Multiyear contract was converted from a commercial FAR Part 12 to a traditional FAR Part 15 contract in October 06
- 2. Savings from the multiyear conversion resulted in two additional C-130Js going on contract in Jul 08 (1 FY06, 1 FY08)

60.500 WPAFB

3. Only the FY07 GWOT aircraft above have definitized prices. The remainder (less the FY10 OCO and FY11 aircraft) will definitize in May 10.

Dec-09

P-1 Shopping List Item No. 6

Procurement History and Planning Exhibit P-5A, page 3 of 11

Yes

Jun-13

Date: February 2010

Exhibit P-21, Production Schedu	ule																			Da	ate: l	Febru	uary	2010)			
Appropriation (Treasury) Code/CC/BA/B	SA/Item (Control Nu	ımber													Р	-1 Lin	e Iten	n Nom	encla	ature							
Aircraft Procurement, Air	Force	, Budg	et Acti	vity	04,	Oth	ner A	\irc	raft	, Ite	m N	lo. (6				C-13	0J										
S	DD OC	ACCEP. PRIOR	BALANCE DUE		2001			FIS	CAL Y	EAR 2		ENDAR	YEAF	R 2002						FIS		EAR 2		EAR 200	03			L A
PROCUREMENT YEAR R V	PROC. QTY	TO 1 OCT 2001	AS OF 1 OCT 2001	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	T E R
2002 USAF	1	0	1																									1
TOTAL	1	0	1	_		_		_		_				.						_					.		_	1
				C T	0 V	E C	A N	E B	М А R	P R	A Y	U U	U	U G	E P	C	O V	E C	A N	E B	A R	P R	A Y	U U	U L	U G	S E P	
			PRODUCT	ION R	ATES							PRO	CURE	MENT	LEAD :	TIME												,
ITEM/MANUFACTURER'S NAME	LOCATION	N	SUST	SHIFT HOUF DAYS	RS	M A X								MIN TIME			MFG		1	TOTAL AFTER								
Lockheed Martin - Aero	Marietta, Ga 30063-0290		12			36							IOR OCT		TER		TIME		1	1 OCT								
							INITIA								6			30			36	1						
							REOR	DER																				
REMARKS																												

USMC, USAF HC/MC130Js and foreign aircraft deliveries fill in what appear to be production gaps

P-1 Shopping List Item No. 6

Production Schedule Exhibit P-21, page 4 of 11

Exhibit P-21, Production	n Sched	lule																			D	ate: I	Febru	uary	2010)			
Appropriation (Treasury) Code	e/CC/BA/I	3SA/Item (Control Nu	umber													Р	-1 Lin	e Iten	n Nom	nencla	ature							
Aircraft Procureme	nt, Air	Force	, Budg	et Act	ivity	04,	Oth	ner A	\irc	raft	, Ite	m N	lo. (3				C-13	0J										
	S	PROC.	ACCEP. PRIOR	BALANCE DUE		2003			FIS	CAL Y	EAR 2		ENDAR	YEAR	2004						FIS		'EAR 2 ALENE		EAR 20	05			L A
PROCUREMENT YEAR	R V	QTY	TO 1 OCT 2003	AS OF 1 OCT 2003	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	T E R
2002	USAF	1	0	1					1																				0
2003	USAF	1	0	1																			1				oxdot		0
2004	USAF	4	0	4	-							ļ												2	2	-	—		0
TOTAL		6	0	6	'	NI	Б		_ I	M	۸	N.4	_	-	_	S	0	NI	D		_	М	1	N/ 2	1 2	 		S	0
					C	0 V	E	A N	E B	A R	P R	M A Y	N N	U	U G	E P	C	0 V	E C	A N	E B	A R	P R	A	U	U	U G	E P	
				PRODUCT	TION R	ATES							PRO	CURE	MENT	LEAD :	TIME					•							
ITEM/MANUFACTURER'S NAME		LOCATION	N	MIN SUST	SHIF HOU DAYS	RS	M A X								MIN TIME			MFG		1	TOTAL								
Lockheed Martin - Aero		Marietta, G. 30063-0290		12	2		36						PR 1 C		AF			TIME			AFTER 1 OCT								
								INITIA	L							6			30			36	1						
								REOR	DER																				
REMARKS																													

USMC, USAF HC/MC130Js and foreign aircraft deliveries fill in what appear to be production gaps

P-1 Shopping List Item No. 6

Production Schedule Exhibit P-21, page 5 of 11

Exhibit P-21, Production	n Sched	ule																			D	ate: I	-ebru	iary :	2010				
Appropriation (Treasury) Cod	de/CC/BA/E	3SA/Item C	Control Nu	ımber													Р	-1 Lin	e Iten	n Non	nencla	ature							
Aircraft Procureme	ent, Air	Force,	, Budg	et Acti	vity	04,	Otl	ner /	Airc	raft	, Ite	m N	lo. (6				C-13	0J										
	S		ACCEP. PRIOR	BALANCE DUE		2005		1	FIS	CAL Y	EAR 2		ENDAR	YEAR	2006					1	FIS		EAR 20		EAR 200	07			L A
PROCUREMENT YEAR	E R V	PROC. QTY	TO 1 OCT 2005	AS OF 1 OCT 2005	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	T E R
2005	USAF	11	0	11	2	1	1		1	1	1	1	1	1		1													0
2006	USAF	9	0	9															1			1	2		2	1	1		1
TOTAL		20	0	20	2	1	1		1	1	1	1	1	1		1			1			1	2		2	1	1		1
					C	O V	E C	J A N	E B	M A R	P R	A Y	N U J	U	U G	E P	C	O V	E C	A N	E B	A R	P R	A Y	N N	U	U G	S E P	
				PRODUCT	ION R	ATES							PRO	CURE	MENT	LEAD :	TIME				•								
ITEM/MANUFACTURER'S NAME		LOCATION	I	MIN SUST	SHIF HOU! DAYS	RS	M A X							LEAD	MIN TIME			MFG			TOTAL AFTER								
Lockheed Martin - Aero		Marietta, GA 30063-0290		12			36						PR 1 C			TER		TIME			1 OCT								
								INITIA								6			30			36	1						
DEMARKS								REOR	DER																				
REMARKS																													

USMC, USAF HC/MC130Js and foreign aircraft deliveries fill in what appear to be production gaps

1 FY06 MYP savings aircraft added in 2008 and is included in the 2006 line along with the 8 MYP aircraft and delivers in 2010

P-1 Shopping List Item No. 6

Production Schedule Exhibit P-21, page 6 of 11

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									UN	CLA	133	ILIE	ט																
Exhibit P-21, Produ	ction Sche	edule																			D	ate: I	ebru	iary :	2010	Ī			
Appropriation (Treasury)	Code/CC/BA	A/BSA/Item	Control N	umber													Р	-1 Lin	e Iten	n Nom	encla	ature							
Aircraft Procure	ement, Ai	ir Force	, Budg	jet Act	ivity	04,	Ot	her	Airc	raft	i, Ite	em l	No.	6				C-13	0J										
	S	PD OC	ACCEP. PRIOR	BALANCE DUE	Ξ	2007			FIS	SCAL Y	EAR 2		ENDA	R YEAI	R 2008						FIS		EAR 20 ALEND		EAR 200	09			L A
PROCUREMENT YE	AR R V	PROC. QTY	TO 1 OCT 2007	AS OF 1 OCT 2007	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	T E R
2006	USAF	9) 8	3 1	l																								1
2007	USAF	9		9				1	1	1	1	1	1	1															2
Z008 TOTAL	USAF	28		3 20		ļ	_				<u> </u>	<u> </u>	Ь.								1	1	1	2	1	1	1	1	1
					O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J J	J 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	N N	J L	A U G	S E P	
				PRODUCT MIN SUST	TION R SHIF HOU	T	M A						PRO		MENT MIN TIME	LEAD [*]	TIME				TOTAL								
ITEM/MANUFACTURER'S N. Lockheed Martin - Aero	AME	Marietta, G 30063-0290	A	12	DAYS	5	X 36	;						RIOR	AF1			MFG TIME		,	AFTER 1 OCT	₹							
								INITIA REOF								6			30			36							
REMARKS USMC, USAF HC/MC130Js an 1 FY06 MYP savings aircraft ad			• •	•	0.1		and deli	vers in	2010																				

P-1 Shopping List Item No. 6

Production Schedule Exhibit P-21, page 7 of 11

¹ FY08 MYP savings aircraft added in 2008 and is included in the 2008 line along with the 9 MYP aircraft and delivers in 2010

² FY07 aircraft provided to Norway with replacement FY07 aircraft delivering in 2010

Ext	nibit P-21, Productio	n Sched	lule																			D	ate: l	Febr	uary	2010)			
App	ropriation (Treasury) Cod	le/CC/BA/	BSA/Item (Control N	umber													P	-1 Lin	e Iten	n Non	nencla	ature							
Aiı	craft Procureme	ent, Air	Force	, Budg	jet Act	ivity	04 ,	Oth	ner .	Airc	raft	, Ite	m l	lo.	6				C-13	0J										
		S	PROC.	ACCEP. PRIOR	BALANCE DUE		2009			FIS	SCAL Y	EAR 2		ENDAF	R YEAR	R 2010						FIS		'EAR 2 ALENI		EAR 20	11			L A
	PROCUREMENT YEAR	R V	QTY	TO 1 OCT 2009	AS OF 1 OCT 2009	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	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	T E R
	2006	USAF	9	3	3 1												1													0
	2006 GWOT Supplemental	USAF	3	() 3		2	1																				ــــــ		0
	2007	USAF	9	7	2	2							<u> </u>	ļ	ļ	_	ļ	1	ļ	1					ļ			—	ļ	0
	2007 GWOT	USAF	5	(5	,	1		2	2		1	-			_	!	_							ļ			—		0
	2008 2008 GWOT	USAF	10) 1		1		-				<u> </u>	<u> </u>	1	-	1	-	 		-	-		_	<u> </u>	-			2	12
TOT		USAF	18 54		1 30		2	1	2	2		1	1		-		2	1	1	1								3	3	12
1017	AL		34	- 2-	+ 30	0	NI NI	D	1	F	M	A	М	- , -	-	Δ	S	0	NI	D I		F	NA	Δ	M	-	1	Δ 3	S	12
						C	0 V	E	A	E B	A	P	A	U	Ü	Ü	E	C	0 V	E	A	E B	A	P	A	Ü	Ü	U	E	
					PRODUC	TION R	ATES						<u> </u>	PRC	CURE	MENT	LEAD	TIME	<u> </u>											
ITEM	I/MANUFACTURER'S NAME		LOCATION	N	MIN SUST	SHIF HOU DAYS	T RS	M A X								MIN TIME			MFG		1	TOTAL AFTER	_							
Lock	heed Martin - Aero		Marietta, Ga 30063-0290		12	2		36							IOR OCT		TER OCT		TIME			1 OCT	-							
									INITIA REOF								6			30			36							
	ARKS																													
USM	C, USAF HC/MC130Js and forei	ign aircraft de	liveries fill in	what appear	to be product	ion gaps	S																							

2008 GWOT added 18 C-130Js

P-1 Shopping List Item No. 6

Production Schedule Exhibit P-21, page 8 of 11

¹ FY06 MYP savings aircraft added in 2008 and is included in the 2006 line along with the 8 MYP aircraft and delivers in 2010

¹ FY08 MYP savings aircraft added in 2008 and is included in the 2008 line along with the 9 MYP aircraft and delivers in 2010

² FY07 aircraft provided to Norway with replacement aircraft delivering in 2010

Exhibit P-21, Productio	n Sched	ule																			Da	ate: F	ebru	uary :	2010				
Appropriation (Treasury) Cod	e/CC/BA/E	3SA/Item 0	Control No	umber													Р	-1 Lin	e Iten	n Nome	encla	ture							
Aircraft Procureme	nt, Air	Force,	, Budg	jet Acti	vity	04,	Otl	ner A	۱irc	raft	, Ite	m N	No.	6			C	: -13	0J										
	S	PROC.	ACCEP. PRIOR	BALANCE DUE		2011			FIS	CAL Y	EAR 2		ENDAF	R YEAR	2012						FIS	CAL Y CA			EAR 201	13			L A
PROCUREMENT YEAR	R V	QTY	TO 1 OCT 2011	AS OF 1 OCT 2011	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	T E R
2008 GWOT	USAF	18	6	12	1	1	1	3		2	1		1						2										0
2010	USAF	3	(3									2					1											0
2010 Overseas Contingency Operations	USAF	1	(1																					1				0
2011	USAF	8	(8																					2	1		1	4
TOTAL		30	6	24	1	1	1	3		2	1		3					1	2						3	1		1	4
					O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U	J L	A U G	S E P	
				PRODUCT	ION R	ATES							PRC	CURE	MENT	LEAD :	TIME												
ITEM/MANUFACTURER'S NAME		LOCATION	ı	MIN SUST	SHIFT HOUF DAYS	RS	M A X								MIN TIME			MFG			OTAL								
Lockheed Martin - Aero		Marietta, GA 30063-0290	A	12	Ditte		36							IOR OCT	AF			TIME			FTER OCT								
								INITIAL REORI								6			30			36							
REMARKS		1		1				1							-														

USMC, USAF HC/MC130Js and foreign aircraft deliveries fill in what appear to be production gaps

2008 GWOT added 18 C-130Js

P-1 Shopping List Item No. 6

Production Schedule Exhibit P-21, page 9 of 11

Exhibit P-21, Production Scheo	lule																			D	ate: I	ebru	ary 2	2010				
Appropriation (Treasury) Code/CC/BA/	BSA/Item C	ontrol Nu	mber													P.	-1 Lin	e Iten	n Nom	encla	ature							
Aircraft Procurement, Air	Force,	Budg	et Acti	vity	04,	Oth	ner A	۱irc	raft	, Ite	m N	lo. (6			C	:-13	0J										
S	PROC.	ACCEP. PRIOR	BALANCE DUE		2013			FIS	CAL Y	EAR 2		ENDAR	YEAR	2014						FIS	SCAL Y			EAR 201	15			L A
PROCUREMENT YEAR R V	QTY	TO 1 OCT 2013	AS OF 1 OCT 2013	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	T E R
2011 USAF	8	4	4	3	1																							0
2012 USAF	4	0	4					3	1																			0
Z013 USAF	14	4	10	3	1			3	1											1	1							0
				0 C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	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	
ITEM/MANUFACTURER'S NAME	LOCATION		PRODUCT MIN SUST	SHIFT HOUR DAYS	- RS	M A X	•					PRO	CUREI ADI LEAD	MIN	LEAD ⁻	IME	MFG			TOTAL								
Lockheed Martin - Aero	Marietta, GA 30063-0290	_	12			36							IOR OCT	AF 1 C			TIME			AFTER 1 OCT								
							INITIAL								6			30			36							
REMARKS	1		<u> </u>	l			INLON	DEK																				

P-1 Shopping List Item No. 6

Production Schedule Exhibit P-21, page 10 of 11

Exh	ibit P-21, Productio	n Sched	ule																			D	ate: l	Febr	uary	2010)			
Appr	opriation (Treasury) Cod	e/CC/BA/E	3SA/Item (Control Nu	ımber													Р	-1 Lin	e Iten	n Non	nencl	ature							
Air	craft Procureme	nt, Air	Force	, Budg	et Acti	vity	/ 04,	Otl	her .	Airc	raft	, Ite	m N	lo. (6			C	:-13	0J										
		S			BALANCE					FIS	CAL Y	EAR 2										FI	SCAL Y	EAR 2	2017					L
		E	PROC.	PRIOR	DUE		2015		<u> </u>				CALI	ENDAR	YEAR	2016							C.	ALEN	DAR Y	EAR 20	17			Α
	PROCUREMENT YEAR	R V	QTY	TO 1 OCT	AS OF 1 OCT	O C	N O	D E	J A	F E	M A	A P	M A	J U	J U	A U	S E	O C	N O	D E	J A	F E	M A	A P	M A	J U	J U	A U	S E	T E
	2014	LICAE	2	2015	2015	T	V	С	N	В	R	R	Y	N	L	G	P	Т	V	С	N	В	R	R	Y	N	L	G	P	R
	<u>2014</u> 2015	USAF USAF	2	0	2	1	1									2	2					1	2	1	+	-	+		├	0
TOTA		USAF	10	0	10	1	1			-						2	2					1	2	1	+				\vdash	0
	150		10	Ü	10	0	N	D	J	F	М	A	М	J	J	A	S	0	N	D	J	F	M	Α	М	J	J	Α	S	ا
						C	0	E	A	E	Α	Р	Α	Ū	Ü	Ü	Ē	C	0	E	A	E	Α	Р	Α	Ū	Ū	Ü	Ē	
						Т	V	С	N	В	R	R	Υ	N	L	G	Р	Т	V	С	N	В	R	R	Υ	N	L	G	Р	
					PRODUCT	ION R	ATES							PRO	CURE	MENT	LEAD :	TIME												
					MIN	SHIF		M								MIN														
					SUST	HOU		Α							LEAD	TIME						TOTA	ı							
	MANUFACTURER'S NAME		LOCATION			DAY	S	Х	_										MFG		I .	AFTE								
Lockh	eed Martin - Aero		Marietta, G		12			36							IOR	AF1			TIME			1 OCT	Г							
			30063-0290			-			-					10	CT	1 C)C I													
						_			INITIA	14							6			30			36	┨						
									REOF								0			50			30	1						
REM/	ARKS								1 0.							-														
	-																													

P-1 Shopping List Item No. 6

Production Schedule Exhibit P-21, page 11 of 11

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Exhibit P-40, Budget Item Jus	stification									Date:	February 20	010	
Appropriation (Treasury) Code/CC/B	A/BSA/Item (Control Number						P-1	Line Item No	menclature			
Aircraft Procurement, A	ir Force	, Budget A	ctivity 04	4, Other	Aircraft,	Item No.	. 7	C-	130J Ad	vance P	rocurem	ent	
Program Element for Code B Item	ns:	41132F			Other Rela	ted Program	Elements:	•					
						FY 2011	Total						
	ID Code	Prior Years	FY 2009	FY 2010	FY 2011	OCO	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	To Comp	Total
Proc Qty	A						0						0
Cost (\$ M)							0.000						0.000
Advance Proc Cost (\$ M)		538.837	35.739	108.000	48.000		48.000	12.000	24.000	96.000		TBD	TBD
Weapon System Cost (\$ M)		538.837	35.739	108.000	48.000	0.000	48.000	12.000	24.000	96.000	0.000	TBD	TBD
Initial Spares (\$ M)							0.000						0.000
Total Proc Cost (\$ M)		538.837	35.739	108.000	48.000	0.000	48.000	12.000	24.000	96.000	0.000	TBD	TBD
Flyaway Unit Cost (\$ M)							0.000						
Wpn Sys Unit Cost (\$ M)							0.000						

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 2011 Program Justification

The FY11 advance procurement funds provide long lead items for 4 FY12 C-130Js.

P-1 Shopping List Item No. 7

Budget Item Justification Exhibit P-40, page 1 of 3

					UNCL	ASSIFIEL	י							
Exhibit P-10 p.1, Advance (Page 1 - Funding)	e Procureme	ent Requirer	Date: February 2010											
Appropriation (Treasury) Code/	CC/BA/BSA/Ite	m Control Nun	P-1 Line Item Nomenclature C-130J Advance Procurement											
Aircraft Procuremen	it, Air Ford	ce, Budge												
Weapon System				First System	Completion D	Jate								
C130JA			r-03				y-05							
(\$ in Millions)														
<u>Description</u>	<u>PLT</u>	When Rqd	Prior Years	FY 2009	FY 2010	FY 2011	FY 2011 OCO	FY 2012	FY 2013	FY 2014	FY 2015	To Comp	<u>Total</u>	
End Item Qty				1							1		0	
CFE		\top	408.837	30.000	90.000	40.000		10.000	20.000	80.000			678.837	
GFE				5.739	18.000	8.000		2.000	4.000	16.000	<u> </u>		53.739	
EOQ			130.000						т —				130.000	
Design	+	+	130.000		\vdash	\vdash	\vdash		+			 	0.000	
Term Liability		+	+					 	+			+	0.000	
Term Blasmey	+	+	 						+				0.000	
TOTAL AP			538.837	35.739	108.000	48.000	0.000	12.000	24.000	96.000	0.000	0.000	862.576	
Description														
The Advance Procurement G	FE funding en	ables the USA	AF to authoriz	ze and place	on order defe	ensive syster	ns with suffi-	cient lead ti	me to suppor	t the planned	delivery sch	nedule.		

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. 7

Advance Procurement Requirements Analysis (Page 1 - Funding) Exhibit P-10 p.1, page 2 of 3

				0110	L/ 10011 1															
Exhibit P-10 p.2, Advar (Page 2 - Budget Justif		Date: February 2010																		
								D 1 Line Item Nemanelature												
Appropriation (Treasury) Cod		P-1 Line Item Nomenclature																		
Aircraft Procureme	ent, Air Force, Bu	C-130J Advance Procurement																		
Weapon System																				
C130JA																				
				(TOA	, \$ in Millio	ns)														
					2009			2010			FY 2011									
					Contract	2009 Total		Contract	2010 Total		Contract	FY 2011								
					Forecast	Cost		Forecast	Cost	FY 2011	Forecast	Total Cost								
Description	<u>PLT</u>	QPA	Unit Cost	2009 QTY	Date	Request	2010 QTY	Date	Request	QTY	Date	Request								
End Item					Oct-09	96.000	3	Dec-09	108.000	4	Dec-10	48.000								
CFE					Oct-09	30.000		Feb-10	90.000		Dec-10	40.000								
GFE					Jun-09	5.739		Mar-10	18.000		Dec-10	8.000								
EOQ																				
TOTAL AP						35.739			108.000			48.000								
Description																				
18																				

P-1 Shopping List Item No. 7

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 Ju	ustification		Date: February 2010										
Appropriation (Treasury) Code/CC/	BA/BSA/Item (P-	P-1 Line Item Nomenclature										
Aircraft Procurement,	Air Force	H	HC-130 Recap										
Program Element for Code B Iter	ms:	N/A			Other Rela	ted Program	Elements:	•					
						FY 2011	Total						
	ID Code	Prior Years	FY 2009	FY 2010	FY 2011	OCO	FY 2011	Y 2011 FY 2012		FY 2014	FY 2015	To Comp	Total
Proc Qty	A				4		4	1	2		4		11
Cost (\$ M)					349.300		349.300	124.500	192.200	7.700	467.040		1140.740
Advance Proc Cost (\$ M)					10.000		10.000	20.000		40.000	90.000		160.000
Weapon System Cost (\$ M)		0.000	0.000	0.000	359.300	0.000	359.300	144.500	192.200	47.700	557.040	0.000	1300.740
Initial Spares (\$ M)							0.000						0.000
Total Proc Cost (\$ M)		0.000	0.000	0.000	359.300	0.000	359.300	144.500	192.200	47.700	557.040	0.000	1300.740
Flyaway Unit Cost (\$ M)					80.696		80.696	83.770	86.307	N/A	91.961		
Wpn Sys Unit Cost (\$ M)					81.958		81.958	84.954	87.090	N/A	92.457		

Description

HC-130 recapitalization will replace and augment the aging USAF fleet of combat rescue HC-130P/N aircraft which are experiencing airworthiness, maintainability and operational limitations. A common baseline aircraft configuration is being provided for the HC-130 Recap, the MC-130 Recap and new AC-130 Recap programs.

Beginning with the FY11 President's Budget, the HC-130 Recap and MC-130 Recap programs are being reported separately for improved visibility. FY08-10 HC-130 Recap program details are reported as part of the HC/MC Recap program.

FY10 and prior HC-130 Recap Aircraft:

FY09 OCO FY10

HC-130J 2 4 1

FY 2011 Program Justification

The FY 2011 budget supports continued HC-130J aircraft production, logistics support, and the procurement of aircrew and maintenance training devices.

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Budget Item Justification Exhibit P-40, page 1 of 7

Exhibit P-5, Weapon System Cost Analysi	Date: February 2010																	
Appropriation (Treasury) Code/CC/BA/BSA/Item Con	trol Number							P-1 Line Item Nomenclature										
Aircraft Procurement, Air Force, B	Budget A	ctivity	02, Airlif	t Aircra	ft, Item	No. 8		30 Reca _l	сар									
Manufacturer's Name/Plant City/State Location				Subline Ite	em			•										
Weapon System	Ident				ı		Cost in Mi	fillions of Dollars FY 2011 FY 2011 OCO										
Cost Elements	Code		FY 2009			FY 2010			FY 2011		F							
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost					
Airframe/Engines/Accessories	A							4		315.504								
Government Furnished Equipment (GFE)										7.303								
Engineering Change Orders (ECO)																		
FLYAWAY COST SUBTOTAL										322.807								
Airframe Peculiar Ground Support Equipment (PGSE)										2.000								
Peculiar Training Equipment										34.100								
Publications/Technical Data										2.600								
Diminishing Manufacturing Sources (DMS)										6.000								
ICS										2.000								
ISS										35.996								
Data										2.157								
Post Delivery Support										2.000								
Organic Depot Support																		
Other Government Cost										8.500								
SUPPORT COST SUBTOTAL										95.353								
Advance Procurement (Credit)										-68.860								
Advance Procurement										10.000								
TOTAL PROGRAM										359.300								
Comments																		
Since 1 Oct 99 the C-130J program has procured	initial spare	s with BP	10 funds usi	ng the Reen	ngineered	Supply Supp	ort Process	s (RSSP).	These funds	are include	d in the IS	SS line						
above.																		
			D 1 Shor	pping List	tom No	0				Moone	n Svoto	m Coot An	alvoio					
			F-1 3110k	philia rist i	tem NO.	U				vveapo		m Cost An						

					UNCLA	SSIFIED												
Exhibit P-5A, Procurement H	listory a	Date: February 2010																
Appropriation (Treasury) Code/CC/E	BA/BSA/Ite	m Control Num		P-1 Line Item Nomenclature														
Aircraft Procurement, A	ir Ford	ce, Budge	t Activity	02, Airlift	Aircraft,	Item No. 8	8	HC-130 Recap										
Weapon System					Subline Item													
HC-130 Recap																		
WBS Cost Elements	Qty		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 (FY11)	4	78.856	WPAFB		SS	FFP	Lockheed Marti Aeronautical Sy Marietta GA		Mar-10	Feb-13	Yes							
Aircraft Procurement (FY12)	1	81.912	WPAFB		SS	FFP	Lockheed Marti Aeronautical Sy Marietta GA		Dec-10	Mar-14	Yes							
Remarks																		
For information on HC-130Js pro	cured in F	Y09-10 refer	to the HC/MC	Recap docu	ments													

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Procurement History and Planning Exhibit P-5A, page 3 of 7

Exhibit P-21, Production Sche	xhibit P-21, Production Schedule															Date: February 2010												
Appropriation (Treasury) Code/CC/BA	propriation (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													ŀ	HC-130 Recap														
S	PROG	ACCEP. PRIOR	BALANCE DUE		2009			FIS	CAL Y	EAR 2		ENDAR	YEAR	2010						FIS		EAR 20 ALEND		AR 201	1			L A
PROCUREMENT YEAR R V	PROC. QTY	TO 1 OCT 2009	AS OF 1 OCT 2009	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	T E R
	+		0																									0
				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	Z C C	J U L	A U G	S E P	
				ON RA	Γ	M A						PRO	ADI	MENT MIN TIME	LEAD	TIME	MEG		-	TOTAL								
ITEM/MANUFACTURER'S NAME Lockheed Marin - Aero	LOCATION Marietta, G	_		DAYS		X 36						PR	OR	AF1	FR	ļ	MFG TIME			AFTER								
LOCKHOOD WATER - 7000	iviarietta, G	11	12			30	INITIA	ı				10		10				30			26							
REMARKS							REOR								6			30			36							

For delivery information on HC-130Js procured in FY09-10 refer to the HC/MC Recap documents USAF C/MC130Js, USMC KC-130Js and foreign aircraft deliveries fill in what appear to be production gaps

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Production Schedule Exhibit P-21, page 4 of 7

Exh	nibit P-21, Production	n Sched	ule																			D	ate: l	Febr	uary	2010				
App	ropriation (Treasury) Code	e/CC/BA/E	SA/Item (Control Nu	ımber													Р	-1 Lin	e Iten	n Nom	nencla	ature							
Air	rcraft Procureme	nt, Air	Force	, Budg	et Acti	vity	02 ,	Air	lift /	4irc	raft	, Ite	m N	lo. 8	8			ŀ	IC-1	30	Rec	ар								
		c		ACCEP.	BALANCE					FIS	CAL Y	EAR 2	012									FIS	SCAL Y	EAR 2	013					L
		F S	PROC.	PRIOR	DUE		2011						CALE	ENDAF	R YEAF	2012							C	ALENI	OAR YE	EAR 20	13			Α
	PROCUREMENT YEAR	R	QTY	TO 1 OCT	AS OF 1 OCT	O C	N O	D E	J A	F E	M A	A P	M A	J U	J	A U	S E	O C	N O	D E	J A	F E	M A	A P	M A	J U	J U	A U	S E	T E
		V		2011	2011	T	V	C	N	В	R	R	Y	N	L	G	P	T	V	C	N	В	R	R	Y	N	L	G	P	R
	2011	USAF	4	0	4																	3	1							0
TOT	AL		4	0	4																	3	1							0
						0	N	D	J	F	М	Α	М	J	J	Α	S	0	N	D	J	F	М	Α	M	J	J	Α	S	
						C T	O V	E	A N	E B	A R	P R	A Y	U N	U L	U G	E P	C T	O V	E C	A N	E B	A R	P R	A Y	U N	L	U G	E P	
					PRODUCT	ION R	ATES							PRC	CURE	MENT	LEAD :	ГІМЕ												
					MIN	SHIF		М								MIN														
					SUST	HOU		Α							LEAD	TIME			MFG		1	TOTAL								
	I/MANUFACTURER'S NAME		LOCATION	_		DAYS	3	Χ											TIME		1	AFTE								
Lockl	heed Marin - Aero		Marietta, GA	A	12			36							RIOR OCT	AF 1 C						1 OCT								
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REM	ARKS					, i	·		·	·	·		·	, i	·				, i	·	·	, i		·	·				, i	

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Production Schedule Exhibit P-21, page 5 of 7

	dule																			D	ate: I	Febru	uary 2	2010	1			
ppropriation (Treasury) Code/CC/BA	/BSA/Item	Control Nu	ımber													P.	-1 Lin	e Iten	n Nom	nencla	ature							
Aircraft Procurement, A	r Force	, Budg	et Acti	ivity	02,	Air	lift /	4irc	raft	, Ite	m N	lo.	8			H	IC-1	30 l	Rec	ар								
S			BALANCE					FIS	CAL Y	EAR 2										FIS	SCAL Y							L
F	PROC.	PRIOR	DUE		2013						CALI	ENDAI	R YEAF	R 2014							C.	ALEND	AR YE	EAR 20	15			Α
PROCUREMENT YEAR R	QTY	TO 1 OCT	AS OF 1 OCT	O C	N O	D E	J A	F E	M A	A P	M A	J U	J	A U	S E	O C	N O	D E	J A	F E	M A	A P	M A	J	J U	A U	S E	T E
V		2013	2013	T	V	C	N	В	R	R	Y	N	L	G	P	T	V	C	N	В	R	R	Y	N	L	G	P	R
2012 USAF	1	0	1						1																			0
2013 USAF	2	0	2													2												0
OTAL	3	0	3						1							2												0
				0	N	D	J	F	M	Α	M	J	J	Α	S	0	N	D	J	F	M	Α	M	J	J	Α	S	T
				С	0	Е	Α	Е	Α	Р	Α	U	U	U	E	С	0	E	Α	Е	Α	Р	Α	U	U	U	Ε	
				T	V	С	N	В	R	R	Υ	N	L	G	Р	T	V	С	N	В	R	R	Υ	N	L	G	Р	Ь
			PRODUCT	_	_							PRC			LEAD 7	ГІМЕ												
			MIN	SHIF		M								MIN					Ι.									
FENANANI JEA OTI JEEDIO NAME			SUST	HOUR	-	A							LEAD	TIME			MFG			TOTAL								
TEM/MANUFACTURER'S NAME	LOCATIO		10	DAYS)	٨							IOD.	1 4			TIME			AFTER 1 OCT								
ockheed Marin - Aero	Marietta, G	iΑ	12			36							NOR	AF1						1001								
							INITIA	L					501		6			30			36	l						
				†			REOR							t					<u> </u>			1						
EMARKS																												

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Production Schedule Exhibit P-21, page 6 of 7

Exhibit P-21, Production Sched	ule																			D	ate: F	ebru	uary 2	2010				
Appropriation (Treasury) Code/CC/BA/B	SA/Item Co	ontrol Nur	mber													Р	-1 Lin	e Iten	n Nom	nencla	ature							
Aircraft Procurement, Air	Force,	Budge	et Acti	vity	02,	Air	lift /	4irc	raft	, Ite	m N	lo. 8	8			H	IC-1	30 l	Rec	ар								
S			BALANCE		2015		1	FIS	CAL Y	EAR 2		PAID A D	D 3/E A E	2016					1	FIS	SCAL Y			AD 20:	17			L
PROCUREMENT YEAR E R V	PROC. QTY	PRIOR TO 1 OCT 2015	DUE AS OF 1 OCT 2015	O C	2015 N O	D E	J A	F E	M A R	A P	M A	J U	J U	A U G	S E	O C	N O	D E	J A N	F E	M A R	A A P	M A	J U	J U	A U	S E	T E
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ITEM/MANUFACTURER'S NAME	LOCATION		MIN SUST	SHIF HOUI DAYS	RS	M A X								MIN TIME			MFG TIME			TOTAL AFTEF								
Lockheed Marin - Aero	Marietta, GA		12			36							RIOR		TER DCT		TIIVIE			1 OCT	-							
							INITIA REOR								6			30			36							
REMARKS		•					•					-				-			•									

P-1 Shopping List Item No. 8

Production Schedule Exhibit P-21, page 7 of 7

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Exhibit P-40, Budget Item Jus	tification									Date:	February 20	010	
Appropriation (Treasury) Code/CC/BA	VBSA/Item 0	Control Number						P-′	Line Item No	menclature			
Aircraft Procurement, A	ir Force,	Budget A	ctivity 02	2, Airlift	Aircraft,	Item No.	9	H	C-130 Re	cap AP			
Program Element for Code B Items	s:	N/A			Other Rela	ted Program	Elements:						
						FY 2011	Total						
	ID Code	Prior Years	FY 2009	FY 2010	FY 2011	OCO	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	To Comp	Total
Proc Qty	A						0						0
Cost (\$ M)							0.000						0.000
Advance Proc Cost (\$ M)					10.000		10.000	20.000		40.000	90.000		160.000
Weapon System Cost (\$ M)		0.000	0.000	0.000	10.000	0.000	10.000	20.000	0.000	40.000	90.000	0.000	160.000
Initial Spares (\$ M)							0.000						0.000
Total Proc Cost (\$ M)		0.000	0.000	0.000	10.000	0.000	10.000	20.000	0.000	40.000	90.000	0.000	160.000
Flyaway Unit Cost (\$ M)							0.000						
Wpn Sys Unit Cost (\$ M)							0.000						

Description

HC-130 recapitalization will replace and augment the aging USAF fleets of combat rescue HC-130P/N aircraft which are experiencing airworthiness, maintainability and operational limitations. A common baseline aircraft configuration is being provided for the HC-130 Recap, the MC-130 Recap and new AC-130 Recap programs.

Beginning with the FY11 President's Budget, the HC-130 Recap and MC-130 Recap programs are being reported separately for improved visibility. FY08-10 HC-130 Recap program details are reported as part of the HC/MC Recap program.

FY 2011 Program Justification

The FY11 advance procurement funds provide long-lead items for 1 FY12 HC-130J

P-1 Shopping List Item No. 9

Budget Item Justification Exhibit P-40, page 1 of 3

	e Procureme	nt Requirer	nents Anal	ysis		ASSIFIED				Date:	February 2	010	
(Page 1 - Funding)													
Appropriation (Treasury) Code/									-1 Line Item N				
Aircraft Procuremen	it, Air Ford	e, Budge	t Activity	02, Airlif	t Aircraf	t, Item No	ე. 9	-	IC-130 Re	ecap AP			
Weapon System						First System	Award Date			First System	Completion D	Date	
HC-130 Recap AP					(\$ in	Millions)							
		T					FY 2011					_ ~	
<u>Description</u>	<u>PLT</u>	When Rqd	Prior Years	FY 2009	FY 2010	FY 2011	OCO	FY 2012	FY 2013	FY 2014	FY 2015	To Comp	<u>Total</u>
End Item Qty		+											0
CEE						10.000		20,000	0.000	40.000	00.000	1	160,000
CFE GFE			-	\longrightarrow		10.000		20.000	0.000	40.000	90.000		160.000
GFE													0.000
EOQ													0.000
Design	+	+											0.000
Term Liability		+											0.000
,		+											0.000
TOTAL AP		†	0.000	0.000	0.000	10.000	0.000	20.000	0.000	40.000	90.000	0.000	160.000
D													
<u>Description</u>	OPP 6 1'	11 T 11	13.5 / /	.1 *	1 1	1 ,		. 1'	1 1 ,	- 21	°° ' 4 1 1		
The Advanced Procurement (_	nables Lockhe	ed Martin to	authorize an	nd place on o	rder materia	ls, equipmen	nt suppliers a	nd subcontra	ctors with su	ifficient lead	time to	
The Advanced Procurement (_	nables Lockhe	eed Martin to	authorize an	nd place on o	rder materia	ls, equipmen	nt suppliers a	nd subcontra	ctors with su	ifficient lead	time to	
The Advanced Procurement C support the planned delivery	schedule.												
Description The Advanced Procurement Coupons the planned delivery and the Beginning with the FY11 Predictable are reported as part of	schedule.	et, the HC-130	Recap and N										
The Advanced Procurement C support the planned delivery	schedule.	et, the HC-130	Recap and N										
The Advanced Procurement C support the planned delivery a Beginning with the FY11 Pre	schedule.	et, the HC-130	Recap and N										
The Advanced Procurement C support the planned delivery a Beginning with the FY11 Pre	schedule.	et, the HC-130	Recap and N										
The Advanced Procurement C support the planned delivery a Beginning with the FY11 Pre	schedule.	et, the HC-130	Recap and N										
The Advanced Procurement C support the planned delivery Beginning with the FY11 Pre	schedule.	et, the HC-130	Recap and N										
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The Advanced Procurement C support the planned delivery a Beginning with the FY11 Pre	schedule.	et, the HC-130	Recap and N										
The Advanced Procurement C support the planned delivery a Beginning with the FY11 Pre	schedule.	et, the HC-130	Recap and N										

P-1 Shopping List Item No. 9

Advance Procurement Requirements Analysis (Page 1 - Funding) Exhibit P-10 p.1, page 2 of 3

				UNC	LASSIFI	בט						
Exhibit P-10 p.2, Advance (Page 2 - Budget Justifica		quirements <i>i</i>	Analysis						Date	: February	2010	
Appropriation (Treasury) Code/0		ol Number						P-1 Line Iter	n Nomenclatur	e		
Aircraft Procuremen			vity 02, Ai	rlift Aircr	aft, Item	No. 9			Recap AF			
Weapon System												
HC-130 Recap AP												
				(TOA	, \$ in Millio	ns)						_
					2009			<u>2010</u>			FY 2011	
					Contract	2009 Total		Contract	<u>2010 Total</u>		Contract	FY 2011
					<u>Forecast</u>	Cost		Forecast	Cost	FY 2011	Forecast	Total Cost
<u>Description</u>	<u>PLT</u>	<u>QPA</u>	<u>Unit Cost</u>	2009 QTY	<u>Date</u>	Request	2010 QTY	<u>Date</u>	Request	QTY	<u>Date</u>	Request
End Item												
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CFE					ļ							10.000
GFE												
T00	T	T		1	1		1	1		1	1	
EOQ			-									
Design												
Term Liability			-			0.000			0.000			10,000
TOTAL AP						0.000			0.000			10.000
<u>Description</u>												
The Advanced Procurement C	FE funding enables I	Lockheed Mar	tin to authoriz	e and place or	n order mate	rials, equipme	ent suppliers	and subcon	tractors with	sufficient lea	ad time to	
support the planned delivery s				•			**					
Beginning with the FY11 Pres	sident's Budget, the H	C-130 Recap	and MC-130 I	Recap progran	ns are being	reported sepa	arately for in	proved visi	bility. FY08-	10 MC-130	Recap progr	am
details are reported as part of					_		•		-			
			P-1 S	Shopping Lis	t Item No. 9	9		Adva	nce Procure			
									(udget Just	
										Exhibit P	² -10 p.2, pa	ge 3 of 3

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Exhibit P-40, Budget Item Ju	stification									Date:	February 20	010			
Appropriation (Treasury) Code/CC/E	BA/BSA/Item (Control Number						P-1	Line Item No	omenclature					
Aircraft Procurement, A	Air Force	, Budget A	ctivity 0	4, Other	Aircraft,	Item No.	. 10	M	C-130 Re	есар					
Program Element for Code B Iten	FY 2011 Total														
	FY 2011 Total														
	FY 2015	To Comp	Total												
Proc Qty	A				5		5	6	6	5			22		
Cost (\$ M)					467.465		467.465	540.289	578.322	492.855	3.100		2082.031		
Advance Proc Cost (\$ M)					60.000		60.000	60.000	50.000				170.000		
Weapon System Cost (\$ M)		0.000	0.000	0.000	527.465	0.000	527.465	600.289	628.322	492.855	3.100	0.000	2252.031		
Initial Spares (\$ M)							0.000						0.000		
Total Proc Cost (\$ M)		0.000	0.000	0.000	527.465	0.000	527.465	600.289	628.322	492.855	3.100	0.000	2252.031		
Flyaway Unit Cost (\$ M)					80.696		80.696	83.770	86.307	90.794	N/A				
Wpn Sys Unit Cost (\$ M)					81.598		81.598	84.954	87.090	91.594	N/A				

Description

2009 OCO supplemental funding for 3 MC-130Js is included in the HC/MC-130 Recap program.

MC-130 recapitalization will replace and augment the aging USAF fleets of special operations MC-130E/P aircraft which are experiencing airworthiness, maintainability and operational limitations. A common baseline aircraft configuration is being provided for the MC-130 Recap, the HC-130 Recap and new AC-130 Recap programs.

Beginning with the FY11 President's Budget, the HC-130 Recap and MC-130 Recap programs are being reported separately for improved visibility. FY08-10 MC-130 Recap program details are reported as part of the HC/MC Recap program.

The MC-130 Recap aircraft in years 2008-2010 also have USSOCOM funds to procure SOF-peculiar modifications to the common baseline aircraft procured by the USAF.

FY10 and prior MC-130 Recap Aircraft:

	FY08 GWOT	FY09	FY09 OCO	FY10
MC-130J	7*	4	3	1

^{*} The 7 FY08 GWOT MC-130Js are in the C-130J line as an HC/MC-130 Recap procurement line did not exist in 2008

FY 2011 Program Justification

The FY 2011 budget supports continued MC-130J aircraft production, logistics support, and the procurement of aircrew and maintenance training devices.

P-1 Shopping List Item No. 10

Budget Item Justification Exhibit P-40, page 1 of 8

Exhibit P-5, Weapon System Cost Analysi	S									Date: Feb	ruary 20	10	
Appropriation (Treasury) Code/CC/BA/BSA/Item Con	trol Number							P-1 Line	Item Nomer	clature			
Aircraft Procurement, Air Force, B	udget A	ctivity	04, Othe	r Aircra	ft, Item	No. 10		MC-1	30 Reca	р			
Manufacturer's Name/Plant City/State Location				Subline Ite									
Weapon System	Ident						Cost in Mi	llions of D		1			
Cost Elements	Code		FY 2009			FY 2010	1		FY 2011	m . 1	ŀ	Y 2011 OCC	
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
Airframe/Engines/Accessories								5	78.872	394.360			
Government Furnished Equipment (GFE)										9.128			
Engineering Change Orders (ECO)													
FLYAWAY COST SUBTOTAL										403.488			
Airframe Peculiar Ground Support Equipment (PGSE)										4.500			
Peculiar Training Equipment										68.800			
Publications/Technical Data										2.600			
Diminshing Manufacturing Sources										7.500			
ICS										0.000			
ISS										40.000			
Data										2.000			
Post Delivery Support													
Organic Depot Support													
Other Government Costs										9.257			
SUPPORT COST SUBTOTAL										134.657			
Advance Procurement (Credit)										-68.680			
Advance Procurement										60.000			
TOTAL PROGRAM										527.465			
Comments	1				1	1			1	I		1	
			P-1 Shop	pping List	Item No.	10				Weapo		m Cost Ana	
											Exhibit	P-5, page	2 of 8

Exhibit P-5A, Procurement H	istory ar	na Pianning							Dai	e. rebruary	/ 2010	
Appropriation (Treasury) Code/CC/E	BA/BSA/Ite	m Control Nun	nber					P-1 Line It	em Nomenclatu	ıre		
Aircraft Procurement, A	Air Ford	e, Budge	t Activity	04, Other	· Aircraft,	Item No.	10	MC-13	0 Recap			
Weapon System					Subline Iter	m		•				
MC-130 Recap												
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 (FY11)	5	78.872	WPAFB	Dec-10	SS	FFP	Lockheed Marti Aeronautical Sy Marietta GA		Mar-10	May-13	Yes	
Aircraft Procurement (FY12)	6	81.912	WPAFB		SS	FFP	Lockheed Marti Aeronautical Sy Marietta GA		Dec-10	Apr-14	Yes	

Remarks

FY08 GWOT funds are in C-130J PE 0401132F

For information on MC-130Js procured in FY09-10 refer to the HC/MC Recap documents

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Procurement History and Planning Exhibit P-5A, page 3 of 8

Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number Aircraft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 10 S	Exh	nibit P-21, Production	n Sched	ule																			D	ate:	Febru	ary :	2010				
ACCEP. PROC. PROC. OTY OTY OTH	App	ropriation (Treasury) Code	e/CC/BA/E	3SA/Item C	Control Nu	umber													Р	-1 Lin	e Iten	n Nom	nencla	ature							
PROCUREMENT YEAR PROCUREMENT	Air	craft Procureme	nt, Air	Force,	, Budg	et Acti	vity	04,	Otl	ner /	4irc	raft	, Ite	m N	lo. ′	10			N	/IC- 1	30	Rec	ар								
PROCUREMENT YEAR PROCUREMENT YEAR E PROCUREMENT YEAR E PROCUREMENT YEAR F PROCUREMENT YEAR F PROCUREMENT YEAR F PROCUREMENT YEAR F PROCUREMENT YEAR F PROCUREMENT YEAR F PROCUREMENT YEAR F PROCUREMENT YEAR P A U U U E C O E A E A P A U U U E E A P A U U U U E E A P A U U U U E E A P A U U U E E A P A U U U E E A P A U U U E E E A P A U U U E E E E E E E			S					2007		1	FIS	CAL Y	EAR 2		ENDAR	YEAR	2008					1	FIS				AR 200)9			L A
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For delivery information on MC-130Js procured in FY09-10 refer to the HC/MC Recap documents USAF C/H-C130Js, USMC KC-130Js and foreign aircraft deliveries fill in what appear to be production gaps

P-1 Shopping List Item No. 10

Production Schedule Exhibit P-21, page 4 of 8

Exh	nibit P-21, Production	ո Sched	lule																			D	ate: l	Febr	uary	2010)			
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		S			BALANCE					FIS	CAL Y	EAR 2										FIS	SCAL Y							L
		E	PROC.	PRIOR	DUE		2009						CALE	ENDAF	R YEAR	2010							C	ALENI	OAR YE	EAR 20	11			Α
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REM	ARKS																													

P-1 Shopping List Item No. 10

Production Schedule Exhibit P-21, page 5 of 8

Exh	ibit P-21, Production	n Sched	ule																			D	ate: l	Febr	uary	2010				
Appro	opriation (Treasury) Code	e/CC/BA/E	SA/Item (Control Nu	ımber													Р	-1 Lin	e Iten	n Non	nencla	ature							
Air	craft Procureme	nt, Air	Force	, Budg	et Acti	vity	04 ,	Otl	ner /	Airc	raft	, Ite	m N	lo. '	10			N	/IC-	130	Red	ap								
		c		ACCEP.	BALANCE					FIS	CAL Y	EAR 2	012									FIS	SCAL Y	EAR 2	013					L
		. F	PROC.	PRIOR	DUE		2011						CALE	ENDAF	R YEAR	R 2012							C.	ALENI	OAR YI	EAR 20	13			Α
	PROCUREMENT YEAR	R	QTY	TO 1 OCT	AS OF	O	N	D	J	F	M	A	M	J	J	A	S	0	N O	D	J	F	M	A	M	J	J	A	S	T
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P-1 Shopping List Item No. 10

Production Schedule Exhibit P-21, page 6 of 8

Exhibit P-21, Production	n Sched	ule																			D	ate: l	Febr	uary	2010				
Appropriation (Treasury) Code	e/CC/BA/E	SA/Item C	Control Nu	ımber													P.	-1 Lin	e Iten	n Non	nencla	ature							
Aircraft Procureme	nt, Air	Force,	Budg	et Acti	ivity	04,	Oth	ner /	Airc	raft	, Ite	m N	lo.	10			N	IC- 1	30	Red	ap								
	S					2013			FIS	SCAL Y	EAR 2		ENDAF	R YEAR	2014					l	FIS	SCAL Y		015 DAR YE	EAR 20	15			L A
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2014	MENT YEAR R V PROC. QTY V PRIOR TO AS OF 1 OCT 2013																					1	2				1		
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				PRODUCT	ION R	ATES							PRO	CURE	MENT	LEAD	TIME												
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REMARKS																													

P-1 Shopping List Item No. 10

Production Schedule Exhibit P-21, page 7 of 8

Exh	ibit P-21, Production	n Sched	ule																			D	ate: l	Febru	uary :	2010)			
Appr	opriation (Treasury) Code	e/CC/BA/E	3SA/Item C	Control Nu	mber													Р	-1 Lin	e Iten	n Nom	nencla	ature							
Air	craft Procureme	nt, Air	Force,	Budg	et Acti	ivity	04 ,	Otl	ner /	Airc	raft	, Ite	m N	lo.	10			N	/IC- 1	30	Rec	ар								
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		F	PROC.	PRIOR	DUE		2015						CALE	ENDAF	R YEAR	2016							C	ALENE	AR YE	EAR 20	17			Α
	PROCUREMENT YEAR	R		TO	AS OF	0	N	D	J	F	M	A	M	J	J	Α	S	0	N	D	J	F	M	Α	M	J	J	Α	S	T
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ITEM/	/MANUFACTURER'S NAME		LOCATION			DAYS	3	Χ											TIME		1	AFTE								l
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									REOR	DER							6			30			36							
REMA	ARKS																													

P-1 Shopping List Item No. 10

Production Schedule Exhibit P-21, page 8 of 8

Exhibit P-40, Budget Item Jus	tification									Date: I	February 20	010	
Appropriation (Treasury) Code/CC/BA	VBSA/Item 0	Control Number						P-1	Line Item No	menclature			
Aircraft Procurement, A	ir Force,	Budget A	ctivity 02	2, Airlift	Aircraft,	Item No.	.11	M	C-130 Re	cap AP			
Program Element for Code B Items	s:	N/A											
	ID Code	Prior Years	FY 2009	FY 2012	FY 2013	FY 2014	FY 2015	To Comp	Total				
Proc Qty	A						0						0
Cost (\$ M)							0.000						0.000
Advance Proc Cost (\$ M)					60.000		60.000	60.000	50.000				170.000
Weapon System Cost (\$ M)		0.000	0.000	0.000	60.000	0.000	60.000	60.000	50.000	0.000	0.000	0.000	170.000
Initial Spares (\$ M)							0.000						0.000
Total Proc Cost (\$ M)		0.000	0.000	0.000	60.000	0.000	60.000	60.000	50.000	0.000	0.000	0.000	170.000
Flyaway Unit Cost (\$ M)							0.000						
Wpn Sys Unit Cost (\$ M)							0.000						

Description

MC-130 recapitalization will replace and augment the aging USAF fleets of special operations MC-130E/P aircraft which are experiencing airworthiness, maintainability and operational limitations. A common baseline aircraft configuration is being provided for the MC-130 Recap, the HC-130 Recap and new AC-130 Recap programs.

Beginning with the FY11 President's Budget, the HC-130 Recap and MC-130 Recap programs are being reported separately for improved visibility. FY08-10 MC-130 Recap program details are reported as part of the HC/MC Recap program.

FY 2011 Program Justification

The FY11 advance procurement funds provide long-lead items for 6 FY12 MC-130Js

P-1 Shopping List Item No. 11

Budget Item Justification Exhibit P-40, page 1 of 3

(Page 1 - Funding)	Procureme	ent Requirer	nents Anal	ysis						Date:	February 2	010		
Appropriation (Treasury) Code/C	C/BA/BSA/Ite	m Control Nur	ber					F	-1 Line Item N	Nomenclature				
Aircraft Procurement				02. Airli	ft Aircraf	t. Item N	o. 11		/IC-130 R					
Weapon System	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	o, Baago	. 7 (0 (1 7 1 1)	02 , 7 till ti		First System					Completion D	Date		
MC-130 Recap AP										, , , , , , , , , , , , , , , , , , , ,				
					(\$ in	Millions)	EV 2011		ı					
Description	<u>PLT</u>	When Rqd	Prior Years	FY 2009	FY 2010	FY 2011		FY 2012	FY 2013	FY 2014	FY 2015	To Comp	<u>Total</u>	
End Item Qty		+					<u>000</u>						0	
	l e								<u>l</u>			l l		
CEE						60,000		60,000	50,000				170,000	
OI L									<u> </u>				0.000	
Description														
Description PLT When Rqd Prior Years FY 2009 FY 2010 FY 2011 OCO FY 2012 FY 2013 FY 2014 FY 2015 To Comp Total														
Description PLT When Rqd Prior Years FY 2009 FY 2010 FY 2011 OCO FY 2012 FY 2013 FY 2014 FY 2015 To Comp Total														
CCO														
TOTAL AP			0.000	0.000	0.000	60.000	0.000	60.000	50.000	0.000	0.000	0.000	170.000	
Description The Advanced Procurement Consupport the planned delivery some procurement of the planned delivery some procure of the planned delivery	chedule.				•			**						

P-1 Shopping List Item No. 11

Advance Procurement Requirements Analysis (Page 1 - Funding) Exhibit P-10 p.1, page 2 of 3

				UNC	LASSIFI	ED						
Exhibit P-10 p.2, Advance F (Page 2 - Budget Justificati		quirements <i>i</i>	Analysis						Date	e: February	2010	
Appropriation (Treasury) Code/CC	/BA/BSA/Item Contr	ol Number						P-1 Line Iten	n Nomenclatur	e		
Aircraft Procurement,	Air Force, Bu	udget Acti	vity 02, Ai	rlift Aircr	aft, Item	No. 11		MC-130	Recap AF)		
Weapon System									-			
MC-130 Recap AP												
				(TOA	, \$ in Millio	ns)						
					2010			FY 2011				
				Contract	<u>2010 Total</u>	-	Contract	FY 2011				
					Forecast	Cost		Forecast	Cost	FY 2011	Forecast	Total Cost
<u>Description</u>	<u>PLT</u>	<u>QPA</u>	<u>Unit Cost</u>	2009 QTY	<u>Date</u>	Request	2010 QTY	<u>Date</u>	Request	<u>QTY</u>	<u>Date</u>	Request
End Item										5	Jan-11	50.000
CDD		T	1								_	70.000
CFE								50.000				
GFE												
E00		T	1	1	1			1	1			
EOQ Design			1									+
Term Liability										+		+
TOTAL AP				0.000			50.000					
TOTAL AI					0.000			30.000				
<u>Description</u>												
The Advanced Procurement CF	_	Lockheed Mar	tin to authorize	e and place or	n order mate	rials, equipmo	ent suppliers	and subcon	tractors with	sufficient lea	d time to	
support the planned delivery sch	nedule.											
Beginning with the FY11 Presid			and MC-130 F	Recap progran	ns are being	reported sepa	arately for in	proved visi	oility. FY08-	10 MC-130 I	Recap progra	am
details are reported as part of the	e HC/MC Recap pr	ogram.										
1												
			P-1 S	Shopping Lis	t Item No. 1	1		Adva	nce Procure	ment Req	uirements	Analysis

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 Jus	tification									Date: I	February 2	010	
Appropriation (Treasury) Code/CC/BA	VBSA/Item C	Control Number						P-′	Line Item No	omenclature			
Aircraft Procurement, Ai	ir Force,	Budget A	ctivity 02	2, Airlift	Aircraft,	Item No.	12	H	C/MC-130	Recap			
Program Element for Code B Items	3:	N/A			Other Rela	ted Program	Elements:						
	ID Code	Prior Years	FY 2012	FY 2013	FY 2014	FY 2015	To Comp	Total					
Proc Qty	A		13	2			0					TBD	TBD
Cost (\$ M)		0.000	962.224	375.218			0.000					TBD	TBD
Advance Proc Cost (\$ M)		75.221	79.782	137.360			0.000					TBD	TBD
Weapon System Cost (\$ M)		75.221	1042.006	512.578	0.000	0.000	0.000	0.000	0.000	0.000	0.000	TBD	TBD
Initial Spares (\$ M)		0.000					0.000					0.000	0.000
Total Proc Cost (\$ M)		75.221	1042.006	512.578	0.000	0.000	0.000	0.000	0.000	0.000	0.000	TBD	TBD
Flyaway Unit Cost (\$ M)			72.207	74.910			0.000						
Wpn Sys Unit Cost (\$ M)			72.509	75.910			0.000						

Description

The 2009 funding includes \$504M in OCO supplemental funding for 4 HC-130Js and 3 MC-130Js.

HC/MC-130 recapitalization will replace and augment the aging USAF fleets of combat rescue HC-130P/N and special operations MC-130E/P aircraft which are experiencing airworthiness, maintainability and operational limitations. This program provides a common baseline configuration aircraft. Beginning with the FY11 President's Budget, the HC-130 Recap and MC-130 Recap programs are being reported separately for improved visibility. The same common baseline configuration is being provided to both programs. A new program beginning in FY11, AC-130 Recap, will also receive the same common baseline aircraft and is being reported as a separate program.

The MC-130 Recap aircraft in years 2008-2010 also have USSOCOM funds to procure SOF-peculiar modifications to the common baseline aircraft procured by the USAF.

FY10 and Prior HC/MC-130 Recap Aircraft:

	FY08 GWOT	FY09	FY09 OCO	FY1
HC-130J	0	2	4	1
MC-130.	7*	4	3	1

^{* 7} FY08 GWOT planes are in the C-130J line as an HC/MC-130 Recap procurement line did not exist in 2008

This program has associated Research Development Test and Evaluation (RDT&E) funding in PE 0605278F.

FY 2011 Program Justification

Starting in FY11 the HC-130 Recap and MC-130 Recap programs are being reported in separate documents for improved visibility.

P-1 Shopping List Item No. 12

Budget Item Justification Exhibit P-40, page 1 of 8

Exhibit P-5, Weapon System Cost Analysi	s							\top		Date: Fe	bruary 20	10	
Appropriation (Treasury) Code/CC/BA/BSA/Item Con									e Item Nomen				
Aircraft Procurement, Air Force, B	udget A	ctivity (J2, Airlif	t Aircraf	ւ, Item l	No. 12		HC/N	/IC-130Re	сар			
Manufacturer's Name/Plant City/State Location				Subline Iten	.n								
Lockheed Martin Aerospace System/ Marrietta G	ıA												
Weapon System	Ident	1		-		Total	Cost in Mil	lions of I	Oollars				
Cost Elements	Code	1	FY 2009			FY 2010			FY 2011		J	FY 2011 OCC	0
		ĺ		Total	-		Total			Total			Total
		Qty	Unit Cost		Qty	Unit Cost	Cost	Qty	Unit Cost	Cost	Qty	Unit Cost	Cost
Airframe/Engines/Accessories		13	70.707		2	73.115	146.230						
Government Furnished Equipment (GFE)				19.431			3.590						
Engineering Change Orders (ECO)		1											
FLYAWAY COST SUBTOTAL				938.622			149.820						
Airframe Peculiar Ground Support Equipment (PGSE)				4.000			2.000						
Peculiar Training Equipment				31.634			135.701		†			†	
Publications/Technical Data		<u> </u>		2.900			3.009					†	I
Diminishing Manufacturing Sources		1		9.000			3.000					†	
ICS							2.000					†	
ISS				40.000			148.741						i
Data				2.054			2.120						i
Post Delivery Support		1											i
Organic Depot Support		1											i
Other Government Cost		ĺ ,		9.235			8.609						i
SUPPORT COST SUBTOTAL		1		98.823			305.180						i
Advance Procurement (Credit)		1		-75.221			-79.782						
Advance Procurement		1		79.782			137.360						
TOTAL PROGRAM		·		1042.006			512.578						
Comments													
Since 1 Oct 99 the C-130J program has procured	initial spare	s with BP1	0 funds usi	ng the Reen	gineered S	upply Supp	ort Process	(RSSP).	These funds	are includ	ed in the I	SS line	
above.													

P-1 Shopping List Item No. 12

Weapon System Cost Analysis Exhibit P-5, page 2 of 8

Exhibit P-5A, Procurement Hist	ory ar	nd Planning							Dat	e: February	/ 2010	
Appropriation (Treasury) Code/CC/BA/E	3SA/Ite	m Control Nun	nber					P-1 Line It	em Nomenclatu	ıre		
Aircraft Procurement, Air	Ford	e, Budge	t Activity	02, Airlift	: Aircraft,	Item No.	12	HC/MC	-130Reca	р		
Weapon System					Subline Iter	m						
HC/MC-130Recap												
WBS Cost Elements	Qty	Unit Cost	Location of PCO	RFP Issue Date	Contract Method	Contract Type	Contractor and l	Location	Award Date	Date of First Delivery	Specs Available Now?	Date Revision Available?
Aircraft Procurement (FY08 GWOT)	7	69.000	WPAFB	Aug-08	SS	FFP	Lockheed Marti Aeronautical Sy Marietta GA		Jan-09	Nov-11	Yes	
Aircraft Procurement (FY09)	6	70.707	WPAFB		SS	FFP	Lockheed Marti Aeronautical Sy Marietta GA		Jun-08	Jun-10	Yes	
Aircraft Procurement (FY09 OCO)	7	77.300	WPAFB		SS	FFP	Lockheed Marti Aeronautical Sy Marietta GA		Oct-09	Aug-12	Yes	
Aircraft Procurement (FY10)	2	77.300	WPAFB		SS	FFP	Lockheed Marti Aeronautical Sy Marietta GA		Oct-09	Nov-12	Yes	
B 1												

Remarks

Funding for the 7 FY08 GWOT planes are in the C-130J line as an HC/MC-130 Recap procurement line did not exist in 2008

P-1 Shopping List Item No. 12

Procurement History and Planning Exhibit P-5A, page 3 of 8

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Ext	nibit P-21, Production	n Sched	ule															\Box				D	ate: l	Febru	Jary 1	2010	,			
Арр	ropriation (Treasury) Code	e/CC/BA/F	3SA/Item (Control No	umber													Р	-1 Lin	e Iten	n Nom	nencla	ature							
Air	craft Procureme	nt, Air	Force	, Budg	jet Acti	vity	02,	, Air	rlift /	Airc	raft	, Ite	1 m	10. ʻ	12			ŀ	HC/N	/C-	130F	Rec	ар							
		S		ACCEP. PRIOR	BALANCE DUE		2007		$\overline{}$		SCAL Y	•	2008		R YEAR	R 2008		亡					SCAL Y	YEAR 20 CALEND		EAR 200	09	_		L A
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	2008 GWOT	USAF	7		,					\Box														二				\Box	\square	7
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FY10 HC-1: MC-1	and Prior HC/MC-130 Recap Airc FY08 GWOT FY09 F 30J 0 2	FY09 OCO 4 3	FY10 1 1	appear to be	prodcution se	hedule	gaps.																							

P-1 Shopping List Item No. 12

Production Schedule Exhibit P-21, page 4 of 8

Exhibit P-21, Production Scheo	lule																			Di	ate: F	ebru	uary :	2010				
Appropriation (Treasury) Code/CC/BA/	BSA/Item (Control No	ımber													Р	-1 Lin	e Iten	n Nom	nencla	iture							
Aircraft Procurement, Air	Force	, Budg	et Acti	vity	02,	Air	lift A	۱irc	raft	, Ite	m N	lo. 1	2			ŀ	IC/N	IC- 1	130F	Rec	ар							
S	PROC.	ACCEP. PRIOR	BALANCE DUE		2009			FIS	CAL Y	EAR 20		ENDAR	YEAR	2010						FIS	CAL Y	EAR 20 ALEND		AR 20	11			L A
PROCUREMENT YEAR R V	QTY	TO 1 OCT 2009	AS OF 1 OCT 2009	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	T E R
2008 GWOT USAF	V 2009 2009 T V C N B R R Y N L G P T 8 GWOT USAF 7 0 7																											7
	R																			2	2						0	
	R																										7	
Z010 USAF TOTAL	V 2009 2009 T V C N B R R Y N L G P T V C N B R R S Y N L G P T V C N B R R S Y N L G P T V C N B R R S Y N L G P T V C N C N C N C N C N C N C N C N C N C																										16	
TOTAL	USAF 6 0 6 2 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0															NI						N 4			_	-	16	
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ITEM/MANUFACTURER'S NAME	LOCATION	J		SHIFT HOUF DAYS	RS	M A X							ADI LEAD	MIN TIME			MFG			TOTAL AFTER								
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	INITIAL 6 REORDER													·														
REMARKS																												

USAF C-130Js, USMC KC-130Js, and foreign aircraft fill in what appear to be prodcution schedule gaps.

P-1 Shopping List Item No. 12

Production Schedule Exhibit P-21, page 5 of 8

Exhibit P-21, Production Se	chedu	ıle																			D	ate: I	-ebru	uary :	2010				
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	S			BALANCE					FIS	CAL Y	EAR 20										FIS	CAL Y							L
	E	PROC.	PRIOR	DUE		2011						CALE	ENDAR	YEAR	2012							C	ALENE	AR YE	AR 20	13			Α
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	V		2011	2011	T	V	C	N	В	R	R	Y	N	L	G	P	T	V	C	N	В	R	R	Y	N	L	G	P	R
2008 GWOT USA	AF	7	0	7	2 1 2 2																					0			
2009 OCOSR USA	2009 OCOSR USAF 7 0 7 2 3														2												0		
2010 USA	AF	2	0	2													1	1											0
TOTAL		16	0	16		2	1				2	2			2	3	3	1											0
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REMARKS																													

USAF C-130Js, USMC KC-130Js, and foreign aircraft fill in what appear to be production schedule gaps.

P-1 Shopping List Item No. 12

Production Schedule Exhibit P-21, page 6 of 8

Exhibit P-21, Production	Sched	ule																			Da	ate: I	ebru	iary :	2010				
Appropriation (Treasury) Code	/CC/BA/E	SA/Item (Control Nu	ımber													P.	-1 Lin	e Iten	n Nom	encla	ture							
Aircraft Procureme	nt, Air	Force,	, Budg	et Acti	vity	02,	Air	lift /	۱irc	raft	, Ite	m N	lo. 1	2			H	IC/N	IC- 1	30F	Rec	ар							
	S		ACCEP. PRIOR	BALANCE DUE		2013			FIS	CAL Y	EAR 2		ENDAR	VFAR	2014						FIS		EAR 20 ALEND		EAR 20	15			L A
PROCUREMENT YEAR	PROCUREMENT YEAR E R V TO AS OF O N D J F M A M J J A S C ALENDAR TEAR 2014 C ALENDAR TEAR 2014 C ALENDAR TEAR 2014 C C C O E A E A P A U U U E C C D C C D C D C C C D C D C D C D C														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	T E R	
TOTAL	0																											0	
TOTAL				U	0 C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	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	0
ITEM/MANUFACTURER'S NAME Lockheed Martin - Aero		LOCATION Marietta, GA		SUST	SHIFT HOUF DAYS	r RS	M A X						PRO	ADI LEAD	MENT I		TIME_	MFG TIME		,	TOTAL AFTER 1 OCT	1							
		Trainetta, Gr						INITIA REOR					1 C			CT 6			30			36							
REMARKS		C CII in subst																											

55AT C-13038, OSIVIC RC-13038, and foleign afferait fift in what appear to be production schedule gaps.

P-1 Shopping List Item No. 12

Production Schedule Exhibit P-21, page 7 of 8

Exh	nibit P-21, Production	21, Production Schedule In (Treasury) Code/CC/BA/BSA/Item Control Number Procurement, Air Force, Budget Activity 02, Airlift Aircraft, Item No. 12 S PROC. PRIOR DUE 2015 FISCAL YEAR 2016 OTY LOCT LOCT C O F A F A P A II II																				D	ate: l	Febr	uary	2010)			
App	ropriation (Treasury) Code	e/CC/BA/E	3SA/Item (Control Nu	ımber													Р	-1 Lir	ne Iten	n Non	nencla	ature							
Air	craft Procureme	nt, Air	Force	, Budg	et Acti	ivity	<mark>/ 02</mark> ,	Air	lift /	4irc	raft	, Ite	m N	lo. '	12			ŀ	IC/N	NC-	130I	Rec	ар							
		S							ı	FIS	CAL Y	EAR 2									ı	FIS	SCAL Y							L
		E	PROC.				2015		_				CALI	ENDAF	R YEAF	R 2016	-						C	ALENI	OAR YE	EAR 20	17			A
	PROCUREMENT YEAR	R	QTY	1 OCT	AS OF 1 OCT	C	N O	D E	J A	F E	M A	A P	M A	J U	U	A U	S E	C	N O	D E	A	F E	M A	A P	M A	J U	U	A U	S E	T E
		2015 2015 T V C N B R R Y N L G P														P	T	V	С	N	В	R	R	Y	N	L	G	P	R	
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			I		PRODUCT	ION R	ATES							PRC	CURE	MENT	LEAD :	TIME												
					MIN	SHIF	Т	M							AD	MIN														
					SUST	HOU	RS	Α							LEAD	TIME			MFG			TOTAL	_							
ITEM	I/MANUFACTURER'S NAME		LOCATION	1		DAYS	3	Х											TIME			AFTER								
Lockl	heed Martin - Aero		Marietta, Ga	A	12			36							IOR		TER		IIIVIL			1 OCT	•							
										_				10	OCT	10	OCT													
						₩			INITIA							<u> </u>	6			30	ļ		36	4						
									REOR	KUER											<u> </u>									
REM	ARKS																													

P-1 Shopping List Item No. 12

Production Schedule Exhibit P-21, page 8 of 8

Exhibit P-40, Budget Item Jus	tification									Date:	February 2	010	
Appropriation (Treasury) Code/CC/BA	VBSA/Item C	Control Number						P-1	Line Item No	omenclature			
Aircraft Procurement, Ai	ir Force,	Budget A	ctivity 02	2, Airlift	Aircraft,	Item No.	13	H	C/MC-130	Recap	Adv Pro	С	
Program Element for Code B Items	3:	N/A			Other Rela	ted Program	Elements:						
	ID Code	Prior Years	FY 2012	FY 2013	FY 2014	FY 2015	To Comp	Total					
Proc Qty	A	0					0					TBD	TBD
Cost (\$ M)		0.000					0.000					TBD	TBD
Advance Proc Cost (\$ M)		75.221	79.782	137.360			0.000					TBD	TBD
Weapon System Cost (\$ M)		75.221	79.782	137.360	0.000	0.000	0.000	0.000	0.000	0.000	0.000	TBD	TBD
Initial Spares (\$ M)		0.000					0.000					TBD	TBD
Total Proc Cost (\$ M)		75.221	79.782	137.360	0.000	0.000	0.000	0.000	0.000	0.000	0.000	TBD	TBD
Flyaway Unit Cost (\$ M)							0.000						
Wpn Sys Unit Cost (\$ M)							0.000						

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. This program provides a common baseline configuration.

Beginning with the FY11 President's Budget, the HC-130 Recap and MC-130 Recap programs are being reported separately for improved visibility. The same common baseline configuration aircraft is being provided to both programs. A new program beginning in FY11, AC-130 Recap, will also receive the same common baseline aircraft and is being reported as a separate program.

The advance procurement funds will be used to procure long-lead components, parts, and materials required to maintain the planned production sheedule.

FY 2011 Program Justification

Beginning with the FY11 President's Budget, the HC-130 Recap and MC-130 Recap programs are being reported separately for improved visibility.

P-1 Shopping List Item No. 13

Budget Item Justification Exhibit P-40, page 1 of 3

					UNCL	ASSIFIE)						
Exhibit P-10 p.1, Advanc (Page 1 - Funding)	e Procureme	ent Require	ments Anal	ysis						Date:	February 2	010	
Appropriation (Treasury) Code	CC/BA/BSA/Ite	m Control Num	nber					I	P-1 Line Item I	Nomenclature			
Aircraft Procuremer	nt, Air Ford	ce, Budge	t Activity	02, Airli	ft Aircraf	t, Item N	o. 13		HC/MC-13	30 Recap	Adv Pro	C	
Weapon System						First System	Award Date	·		First System	Completion [)ate	
HC/MC-130Recap AP					<u> </u>	NATIO: \							
	1				(\$ in	Millions)	FY 2011		T	I			
<u>Description</u>	<u>PLT</u>	When Rqd	Prior Years	FY 2009	FY 2010	FY 2011	OCO	FY 2012	FY 2013	FY 2014	FY 2015	To Comp	<u>Total</u>
End Item Qty												TBD	0
	•	•						•	•	•			
CFE			75.221	79.782	115.360							TBD	270.363
GFE					22.000								22.000
								,					
EOQ													0.000
Design													0.000
Term Liability													0.000
													0.000
TOTAL AP			75.221	79.782	137.360	0.000	0.000	0.000	0.000	0.000	0.000	0.000	292.363
Description													
The Advance Procurement G	FE funding en	ables the USA	AF to authoriz	ze and place	on order def	ensive system	ns with suffi	icient lead ti	me to suppor	t the planned	delivery sch	iedule.	
The Advanced Procurement support the planned delivery	_	nables Lockh	eed Martin to	authorize ar	nd place on o	order materia	ls, equipmer	nt suppliers	and subcontra	actors with su	ifficient lead	time to	
i													

P-1 Shopping List Item No. 13

Advance Procurement Requirements Analysis (Page 1 - Funding) Exhibit P-10 p.1, page 2 of 3

				UNC	LASSIFII	ED						
Exhibit P-10 p.2, Advance Proc (Page 2 - Budget Justification)	urement Rec	uirements A	Analysis						Date	: February	2010	
Appropriation (Treasury) Code/CC/BA/E	BSA/Item Contr	ol Number						P-1 Line Item	n Nomenclature	e		
Aircraft Procurement, Air			vity 02, Air	rlift Aircr	aft, Item	No. 13		HC/MC-1	130 Recap	Adv Pr	ос	
Weapon System	-				-							
HC/MC-130Recap AP												
				(TOA	, \$ in Million	<u>1s)</u>						
					2009			2010			FY 2011	
1					Contract	<u>2009 Total</u>		Contract	<u>2010 Total</u>		Contract	FY 2011
1					Forecast	Cost		Forecast	Cost	FY 2011	Forecast	Total Cost
<u>Description</u>	<u>PLT</u>	<u>QPA</u>	<u>Unit Cost</u>	2009 QTY	<u>Date</u>	Request	2010 QTY	<u>Date</u>	Request	<u>QTY</u>	<u>Date</u>	Request
End Item					Jun-09	79.782		Feb-10	137.360			
CFE		T			Jun-09	70.792		Feb-10	115 260			
GFE	 	<u> </u>			Juli-09	79.782	 	Feb-10	115.360 22.000			
GFE	<u> </u>							1 60-10	22.000	<u> </u>		
EOQ			T		$\overline{}$							
Design	 	 	+	+	+	+	 	+	+	 	+	
Term Liability		 	+	+	 	+	 	 	+	 	+	+
TOTAL AP						79.782			137.360		+	0.000
							<u>I</u>	<u>I</u>				
<u>Description</u>		- 10 11 0		- : 207 14		- 0 x m1						
The 2010 Advance Procurement prov				-130Js and 4	FY11 HC-1	30Js. The pro	ograms are b	eing reported	d separately s	tarting in FY	711. The FY	10
Advance Procurement credit in FY11	i is annotated of	on each program	m's P-5.									
The Adriance Dressymment CEE for	J: > omolel og tk	- LICAE to out	41ima and mla	an andan á	1 - Camairra arv		CC:-iontlood (·! a ta anum	- :-+ +la o mlommo	1 1alizzama a	-1 dula	
The Advance Procurement GFE fund	ling enables un	e USAF to auti	norize and pia	ce on order d	etensive sys	tems with sur	Helent lead t	ime to suppo	ort the planne	d delivery so	inequie.	
The Advanced Procurement CFE fun	nding enables I	Lockheed Mart	tin to authorize	e and place or	n order mate	rials equinme	ent cunnliere	and subcont	tractors with s	sufficient lea	ed time to	
support the planned delivery schedule	-	JUCKIECU IVIAI I	III to autionze	and prace on	1 Oraci mater	mais, equipme	ant suppliers	aliu suocom	laciois with s	difficient ica	u time to	
support the planned derivery senegar	<u>c.</u>											
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P-1 Shopping List Item No. 13

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 Justific	cation									Date: I	ebruary 20	010	
Appropriation (Treasury) Code/CC/BA/BS/	A/Item Co	ontrol Number						P-1	Line Item No	omenclature			
Aircraft Procurement, Air F	orce,	Budget A	ctivity 02	2, Airlift A	Aircraft,	Item No.	14	JC	DINT CA	RGO AIR	CRAFT		
Program Element for Code B Items:		N/A											
				Total									
ID	Code	Prior Years	FY 2009	FY 2010	FY 2011	OCO	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	To Comp	Total
Proc Qty A				8	8		8	9					25
Total Proc Cost (\$ M)		0.000	0.000	318.032	351.200	0.000	351.200	574.729	19.045	21.942	29.395	TBD	TBD

Description

The C-27J is a medium-size airlift aircraft that will provide flexible and responsive delivery of time sensitive and mission critical (TS/MC) equipment, supplies, and personnel to austere operating locations during contingency operations abroad, and in support of domestic homeland security and disaster response operations.

The C-27J acquisition program began in FY07 as an Army-led joint program to acquire a commercial derivative aircraft capable of providing direct support airlift of TS/MC cargo to Army ground forces. A joint Army-Air Force source selection team chose the C-27J to provide this capability, and the Army awarded a firm fixed price (FFP) aircraft production and support contract to L3 Communications (L3Com) in June 2007.

In FY10, the Air Force assumed full responsibility for the direct support airlift mission and sole responsibility for managing the C-27J acquisition program. Thirteen C-27J aircraft procured by the Army in FY07-09 will be transferred to the Air Force as part of the transition from a joint program to an Air Force-only program.

This program has Research, Development, Test and Evaluation, Air Force (RDT&E, AF) funding in PE 0401138F.

FY 2011 Program Justification

Provides for the procurement of eight C-27J aircraft and related aircraft mission equipment.

Provides for interim contractor support to sustain fielded C-27J aircraft conducting domestic training and support operations, and contingency operations abroad.

Provides for the procurement of ground support equipment and supplies needed to activate C-27J main operating bases in the US, and forward operating locations abroad.

Provides for initial and recurring C-27J aircrew mission qualification training, and for the training of C-27J maintenance personnel.

Provides for updates to C-27J aircrew and maintenance technical orders/manuals.

Provides for the procurement of technical data, equipment, and supplies needed to establish C-27J supply support and depot-level repair capabilities.

Provides for engineering change orders to correct aircraft design/manufacturing deficiencies identified during initial qualification, live fire, and operational test and evaluation.

Provides for program office management and mission support requirements.

P-1 Shopping List Item No. 14

Budget Item Justification Exhibit P-40, page 1 of 6

Exhibit P-5, Weapon System Cost Analysi	is									Date: Feb	ruary 20	10	
Appropriation (Treasury) Code/CC/BA/BSA/Item Cor	ntrol Number							P-1 Line	Item Nomer	nclature			
Aircraft Procurement, Air Force, E	Budget A	ctivity	02, Airlif	t Aircra	ft, Item	No. 14		JOIN	T CARG	O AIRCE	RAFT		
Manufacturer's Name/Plant City/State Location				Subline Ite	em								
L3 Communications Integrated Systems Division	, Waco, TX												
Weapon System	Ident			•		Total	Cost in Mil	llions of D	ollars				
Cost Elements	Code		FY 2009			FY 2010			FY 2011		J	FY 2011 OC	0
				Total			Total			Total			Total
		Qty	Unit Cost	Cost	Qty	Unit Cost	Cost	Qty	Unit Cost	Cost	Qty	Unit Cost	Cost
Aircraft Production					8	28.986	231.887	8	31.426	251.408			
Aircraft Mission Equipment							4.787			4.887			
Engineering Change Orders							16.883			1.716			
Program Office/Mission Support							10.545			12.209			
SUBTOTAL - FLYAWAY COST							264.102			270.220			
	•												
Interim Contractor Support							20.922			27.267			
Ground Support Equipment							14.609			10.407			
Contractor Provided Aircrew Training							11.900			14.444			
Contractor Provided Maintenance Training							2.570			1.254			
Aircrew Training Systems/Devices													
Technical Order Maintenance							2.150			2.150			
Technical Data							1.504						
Aircraft Production/Support Cost Data							0.275			0.284			
Supply Support & Depot Activation										25.174			
Initial Spares													
TOTAL PROGRAM							318.032			351.200			
Comments													

P-1 Shopping List Item No. 14

Weapon System Cost Analysis Exhibit P-5, page 2 of 6

Exhibit P-5A, Procurement Histo	ory ar	ia Pianning						Da	te: rebruary	2010	
Appropriation (Treasury) Code/CC/BA/B	3SA/Iter	m Control Num	nber				P-1 Line	Item Nomenclat	ure		
Aircraft Procurement, Air	Ford	e, Budge	t Activity	02, Airlift	Aircraft,	Item No. 1	I4 JOIN	T CARGO A	AIRCRAF	Т	
Weapon System					Subline Iten	1	•				
LCA											
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 2010											
C-27J Aircraft	8	28.986	Redstone Arsenal, AL	Mar-06	С	FFP	L-3 Communications Integrated Systems, Wa TX	Feb-10	Feb-12		
FY 2011											
C-27J Aircraft	8	31.426	Wright-Patte rson AFB, OH	Mar-06	С	FFP	L-3 Communications Integrated Systems, Wa TX	Feb-11	Feb-13		
FY 2012											
C-27J Aircraft	9	31.650	Wright-Patte rson AFB, OH	Mar-06	С	FFP	L-3 Communications Integrated Systems, Wa TX	Feb-12	Feb-14		

Remarks

FY10 aircraft orders will be placed by the Army C-27J contracting officer at Redstone Arsenal, AL. Subsequent to this order, contract management will transfer to the Air Force C-27J program office at Wright-Patterson AFB, OH and all future orders for C-27J aircraft will be executed there.

P-1 Shopping List Item No. 14

Procurement History and Planning Exhibit P-5A, page 3 of 6

Exhibit P-21, Produc	tion Sche	dule																			D	ate:	Febr	uary	2010				
Appropriation (Treasury) (ode/CC/BA/	/BSA/Item (Control Nu	ımber													Р	-1 Lin	e Iten	n Non	nencla	ature							
Aircraft Procurer	nent, Ai	r Force	, Budg	et Acti	vity	02,	Air	lift /	4irc	raft	, Ite	m N	lo. ′	14			J	IOIN	T C	AR	GO	AIR	CR	AFT	•				
	S	PROC.	ACCEP. PRIOR	BALANCE DUE		2009			FIS	CAL Y	EAR 2		ENDAF	YEAR	2010					1	FIS	SCAL Y		011 DAR YE	EAR 20	11			L A
PROCUREMENT YEAR	PROCUREMENT YEAR R QTY TO AS OF O N D J F M A M J J A S 1 OCT 1 OCT C O E A E A P A U U U E 2009 2009 T V C N B R R Y N L G 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	T E R		
																											8		
	2011 USAF 8 0 8																				-					-	8		
TOTAL	05/11	25	0	25	\vdash																		<u> </u>						25
					O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	N N	J J	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U	J L	A U G	S E P	
				PRODUCT									PRC		MENT	LEAD .	TIME												
ITEM/MANUFACTURER'S NAM	ΙΕ	LOCATION	N	MIN SUST	SHIFT HOUF DAYS	RS	M A X								MIN TIME			MFG TIME			TOTAL AFTEF								
L3 Communications Integrated Sys	3 Communications Integrated Systems Division Waco, TX 1 1-8-5 12 PRIOR AFTER 1 OCT 1 OCT															IIIVIL			1 OCT	•									
								INITIA REOR								5			24 24			29 29							
REMARKS	_																												

In addition to the 25 aircraft identifed above, 13 aircraft procured by the Army in FY07-09 will be transferred to the Air Force. Of these 13 aircraft, 2 were accepted prior to 1 Oct 2009, 3 will be accepted in FY10, 6 will be accepted in FY11, and 2 will be accepted in 1Q/FY12.

P-1 Shopping List Item No. 14

Production Schedule Exhibit P-21, page 4 of 6

Ex	hibit P-21, Production	n Sched	lule																			D	ate:	Febr	uary	2010)			
App	propriation (Treasury) Code	e/CC/BA/E	3SA/Item (Control Nu	umber													Р	-1 Lin	e Iten	n Non	nencla	ature							
Αi	rcraft Procureme	nt, Air	Force	, Budg	et Acti	ivity	02,	Air	lift /	Airc	raft	, Ite	m N	lo. ′	14			J	IOIN	T C	AR	GO	AIR	CR	AFT	•				
		S	PROG	ACCEP. PRIOR	BALANCE DUE		2011			FIS	CAL Y	EAR 2		ENDAF	R YEAF	R 2012						FIS		YEAR 2 'ALENI		EAR 20	013			L A
	PROCUREMENT YEAR	R V	PROC. QTY	TO 1 OCT 2011	AS OF 1 OCT 2011	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	T E R
	2010	USAF	8	0	8					1	1		1	1	1		1	1		1										0
-	2011 2012	USAF USAF	8	0	8	-	<u> </u>									ļ	-					1	1	-	1	1	1	₩	1	2
TOT		USAF	25	0	25	\vdash				1	1		1	1	1	 	1	1	 	1		1	1	+	1	1	1	\vdash	1	11
			•	•		0 C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	N U	J L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	N N	U J	A U G	S E P	
					PRODUCT	ION R	ATES							PRC	CURE	MENT	LEAD	TIME							'		'			
ITEN	M/MANUFACTURER'S NAME		LOCATION	ı	MIN SUST	SHIF HOUI DAYS	RS	M A X								MIN TIME			MFG			TOTAL AFTEF								
L3 C	Communications Integrated Systems	Division	Waco, TX		1	1-8-5		12							IOR OCT		TER OCT		TIME			1 OCT	-							
									INITIA REOF								5 5			24 24			29 29							

REMARKS

In addition to the 25 aircraft identifed above, 13 aircraft procured by the Army in FY07-09 will be transferred to the Air Force. Of these 13 aircraft, 2 were accepted prior to 1 Oct 2009, 3 will be accepted in FY10, 6 will be accepted in FY11, and 2 will be accepted in 1Q/FY12.

P-1 Shopping List Item No. 14

Production Schedule Exhibit P-21, page 5 of 6

Ex	hibit P-21, Production	n Sched	lule																			D	ate:	Febr	uary	2010)			
App	propriation (Treasury) Code	e/CC/BA/E	3SA/Item (Control Nu	umber													Р	-1 Lin	e Iten	n Non	nencla	ature							
Αi	rcraft Procureme	nt, Air	Force	, Budg	et Acti	ivity	02 ,	Air	lift /	Airc	raft	, Ite	m N	lo. ′	14			J	IOIN	IT C	AR	GO	AIR	CR	AFT	•				
		S	PD C C	ACCEP. PRIOR	BALANCE DUE		2013			FIS	CAL Y	EAR 2		ENDAF	R YEAF	R 2014						FIS		YEAR 2 ALENI		EAR 20	15			L A
	PROCUREMENT YEAR	R V	PROC. QTY	TO 1 OCT 2013	AS OF 1 OCT 2013	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	T E R
	2010	USAF	8	8	0																									0
-	2011 2012	USAF USAF	8	6	2	1	-	1		1	1	1	1	1	1	ļ	1	1		1		-		ļ			-	₩	₩	0
TOT		USAI	25	14	11	1	+	1		1	1	1	1	1	1	_	1	1		1							1	\vdash	\vdash	0
			•			O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	N U	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	J U L	A U G	S E P	
					PRODUCT	ION R	ATES							PRC	CURE	MENT	LEAD	TIME									'			
ITEN	M/MANUFACTURER'S NAME		LOCATION	ı	MIN SUST	SHIF HOU DAYS	RS	M A X								MIN TIME			MFG			TOTAL AFTER								
	Communications Integrated Systems	Division	Waco, TX	-	1	1-8-5		12							IOR OCT		TER DCT		TIME			1 OCT								
									INITIA REOF								5 5			24 24			29 29	-1						

REMARKS

In addition to the 25 aircraft identifed above, 13 aircraft procured by the Army in FY07-09 will be transferred to the Air Force. Of these 13 aircraft, 2 were accepted prior to 1 Oct 2009, 3 will be accepted in FY10, 6 will be accepted in FY11, and 2 will be accepted in 1Q/FY12.

P-1 Shopping List Item No. 14

Production Schedule Exhibit P-21, page 6 of 6

FY 2011 BUDGET ESTIMATES BUDGET ACTIVITY 03 – TRAINER AIRCRAFT FEBRUARY 2010

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Exhibit P-40, Budget Item Jus	tification									Date: I	February 20	010	
Appropriation (Treasury) Code/CC/BA	VBSA/Item C	ontrol Number						P-1	Line Item No	omenclature			
Aircraft Procurement, A	ir Force,	Budget A	ctivity 03	3, Traine	r Aircraf	t, Item N	o. 15	LI	GHT MO	BILITY A	AIRCRAF	Т	
Program Element for Code B Items	3:	N/A			Other Relat	ed Program	Elements:						
						FY 2011	Total						
	ID Code	Prior Years	FY 2009	FY 2010	FY 2011	OCO	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	To Comp	Total
Proc Qty	A				15		15						15
Total Proc Cost (\$ M)		0.000	0.000	0.000	65.699	0.000	65.699	0.000	0.000	0.000	0.000	0.000	65.699

Description

The Light Mobility Aircraft (LiMA) program will acquire Commercial-Off-The-Shelf (COTS) aircraft to satisfy the USAF light mobility mission requirement. These aircraft will be suitable for building partner capacity (BPC) especially in lesser developed partner nations (PN). This program supports irregular warfare efforts that help prepare PN to defend and govern themselves by demonstrating an airlift capability that is consistent with their needs for supporting infrastructure, performance, anticipated methods of employment, acquisition and sustainment costs, and multi-role/multi-mission capability.

Suitable aircraft will be certified for day/night Visual/Instrument Flight Rules (VFR/IFR) and will be overwater certifiable. Aircraft may be single or multi-engine and will be capable of burning JP-8 or Jet-A fuel. Aircraft will be fixed wing, carry a minimum of six passengers plus crew, and be capable of takeoff and landing with a minimum of 1,800 pounds of passengers and cargo from unimproved, austere surfaces. Aircraft will have a cargo door capable of loading and unloading 36-inch warehouse skids and litter patients. Aircraft will have dual pilot stations, but be certified for single pilot operation.

This is a FY2011 new start.

FY 2011 Program Justification

Acquire 15 COTS light mobility aircraft.

P-1 Shopping List Item No. 15

Budget Item Justification Exhibit P-40, page 1 of 6

Exhibit P-5, Weapon System Cost Anal	ysis									Date: Feb	ruary 20	10	
Appropriation (Treasury) Code/CC/BA/BSA/Item (Control Number							P-1 Line	Item Nomen	clature			
Aircraft Procurement, Air Force	, Budget A	ctivity	03, Trair	ner Aircı	aft, Ite	m No. 15		LIGH	T MOBIL	ITY AIR	CRAF1	-	
Manufacturer's Name/Plant City/State Location	on			Subline Ite	em								
To be determined.													
Weapon System	Ident			•		Total	Cost in Mi	llions of D	ollars				
Cost Elements	Code		FY 2009			FY 2010			FY 2011		I	FY 2011 OCC	О
				Total			Total			Total			Total
		Qty	Unit Cost	Cost	Qty	Unit Cost	Cost	Qty	Unit Cost	Cost	Qty	Unit Cost	Cost
Aircraft								15	4.180	62.699			
Program Management Administration										3.000			
FLYAWAY COST SUBTOTAL										65.699			
SUPPORT COST SUBTOTAL													
TOTAL PROGRAM										65.699			
Comments			•	•	•								

P-1 Shopping List Item No. 15

Weapon System Cost Analysis Exhibit P-5, page 2 of 6

					UNCLA	SSIFIED						
Exhibit P-5A, Procurement His	tory an	nd Planning	J						Dat	te: February	/ 2010	
Appropriation (Treasury) Code/CC/BA/	BSA/Iter	n Control Nur	nber					P-1 Line It	em Nomenclatu	ıre		
Aircraft Procurement, Air	r Forc	e, Budge	t Activity	03, Train	er Aircrat	ft, Item No	. 15	LIGHT	MOBILITY	/ AIRCR/	AFT	
Weapon System					Subline Iter	n						
LIGHT MOBILITY AIRCRAFT												
WBS Cost Elements	Qty			RFP Issue Date	Contract Method	Contract Type	Contractor and	Location	Award Date	Date of First Delivery	Specs Available Now?	Date Revision Available?
Air Vehicle FY11	15		ASC WPAFB OH	Jun-10	C	FFP	Unknown		Jun-11	Jun-12		
Remarks												

P-1 Shopping List Item No. 15

Procurement History and Planning Exhibit P-5A, page 3 of 6

Ext	nibit P-21, Production	n Sched	ule																			Da	ate: I	ebru	uary :	2010				
Арр	ropriation (Treasury) Code	e/CC/BA/E	3SA/Item C	Control Nu	ımber													Р	-1 Lin	e Item	n Nom	encla	ture							
Aiı	rcraft Procureme	nt, Air	Force,	, Budg	et Acti	vity	03,	Tra	inei	r Ai i	rcra	ft, I	tem	No	. 15			L	.IGH	T N	ЮВ	ILIT	ΥΑ	IRC	RA	FT				
		S		ACCEP. PRIOR	BALANCE DUE		2009		1	FIS	CAL Y	EAR 2		ZNIDAD	YEAR	2010						FIS		EAR 20		AR 201	1			L
	PROCUREMENT YEAR	E R	PROC. OTY	TO	AS OF	0	N	D	J	F	M	A	M	J	J	A	S	0	N	D	J	F	M	ALEND	M	J	J	A	S	T
		V		1 OCT 2009	1 OCT 2009	C T	V	E C	A N	E B	A R	P R	A Y	U N	L L	G G	E P	C T	V	E C	A N	E B	A R	P R	A Y	U N	U L	G G	E P	E R
	2011	USAF	15	0	15																									15
TOT	AL		15	0	15																							$ldsymbol{\sqcup}$		15
						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	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	A U G	S E P	
			I		PRODUCT	ION R	ATES	Ŭ	.,					PRO	CURF	MENT	FAD	IME	_ ·					- ' '	<u> </u>				•	
ITEM	1/MANUFACTURER'S NAME		LOCATION	I	MIN SUST	SHIF HOUF DAYS	T RS	M A X								MIN			MFG TIME			TOTAL								
Unkn	own		Unknown											PR 1 C		AFT 1 C			TIIVIL			1 OCT								
									INITIA REOR								9			12			12							
REM	ARKS		•		•															1										
The n	nanufacturer along with specific in	formation co	ncerning prod	luction rates a	and lead times	will n	ot be kr	nown ur	til contr	act awa	rd De	livery	schedul	e inforn	nation is	s notion	al at thi	s time												

P-1 Shopping List Item No. 15

Production Schedule Exhibit P-21, page 4 of 6

Exh	ibit P-21, Productio	n Sched	ule																			Di	ate: I	ebru	uary :	2010				
Appr	opriation (Treasury) Cod	e/CC/BA/E	3SA/Item C	Control Nu	ımber													Р	-1 Lin	e Iten	n Nom	encla	ture							
Air	craft Procureme	nt, Air	Force,	, Budg	et Acti	vity	03,	Tra	ainei	r Aiı	rcra	ft, I	tem	No	. 15			L	.IGH	IT N	ЮB	ILIT	ΥΑ	IRC	RA	FT				
		S		ACCEP. PRIOR	BALANCE DUE		2011			FIS	CAL Y	EAR 2		ENDAR	VEAD	2012						FIS		EAR 20		EAR 20	13			L
	PROCUREMENT YEAR	E R V	PROC. QTY	TO 1 OCT	AS OF 1 OCT	O C	N O	D E	J A	F E	M A	A P	M A	J U	J U	A U	S E	O C	N O	D E	J A	F E	M A	A P	M A	J U	J U	A U	S E	T E
	2011	USAF	15	2011	2011	T	V	С	N	В	R	R	Y	N 5		G 5	P	T	V	С	N	В	R	R	Y	N	L	G	P	R 0
TOTA	\L	-	15	0	15									5	5	5														0
						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	U N	J L	A U G	S E P	
					PRODUCT	ION R	ATES							PRO	CURE	MENT	LEAD :	ГІМЕ												
ITEM	/MANUFACTURER'S NAME		LOCATION	I	MIN SUST	SHIF HOUF DAYS	RS	M A X								MIN TIME			MFG TIME			TOTAL AFTER								
Unkno	own		Unknown											PRI 1 O			TER OCT		TIIVIL			1 OCT								
									INITIA REOR								9			12			12							
REMA	ARKS																													
The m	nanufacturer, along with specific i	nformation co	ncerning prod	duction rates a	and lead times	, will n	ot be kn	nown ui	til contr	act awa	ırd. De	livery	schedul	e inform	nation is	s notior	al at thi	s time.												

the manufacturer, along with specific information concerning production rates and lead times, will not be known until contract award. Delivery schedule information is notional at this time

P-1 Shopping List Item No. 15

Production Schedule Exhibit P-21, page 5 of 6

Ext	hibit P-21, Production	n Sched	ule																			Da	ate: l	ebru	ary 2	2010				
Арр	ropriation (Treasury) Code	e/CC/BA/E	3SA/Item 0	Control Nu	mber													P.	-1 Lin	e Iten	n Nom	encla	ature							
Aiı	rcraft Procureme	nt, Air	Force,	, Budg	et Acti	vity	03,	Tra	inei	r Ai i	rcra	ft, I	tem	No	. 15			L	.IGH	T N	10B	ILIT	ΥΑ	IRC	RA	FT				
		S		ACCEP. PRIOR	BALANCE DUE		2013			FIS	CAL Y	EAR 2		NID A D	YEAR	2014						FIS		EAR 20		AR 201	5			L
	PROCUREMENT YEAR	E R	PROC. QTY	TO 1 OCT	AS OF 1 OCT	O C	N O	D E	J A	F E	M A	A P	M A	J U	J U	A U	S E	O C	N O	D E	J A	F E	M A	A A P	M A	J U	J U	A U	S E	T E
	2011	USAF	15	2013	2013	T	V	С	N	В	R	R	Y	N	L	G	P	T	V	С	N	В	R	R	Y	N	L	G	P	R
TOT		00111	15	15	0																									0
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U	J U L	A U G	S E P	0 C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	N O C	J U	A U G	S E P	
					PRODUCT	ON R	ATES		·					PRO	CURE	MENT	LEAD	ГІМЕ												
ITEM	//MANUFACTURER'S NAME		LOCATION	ı	SUST	SHIFT HOUF DAYS	RS	M A X							ADI LEAD	MIN TIME			MFG TIME			TOTAL								
Unkn	nown		Unknown											PR 1 C		AFT 1 C			TIIVIL			1 OCT								
		·	 	·					INITIA REOR								9			12			12							
	IARKS		-						•							•		•			•			•						
The n	nanufacturer along with specific in	nformation co	ncerning prod	fuction rates a	and lead times	will n	ot he kn	own iii	itil contr	act awa	ard De	livery	schedule	inforn	nation is	s notion	al at thi	s time												

P-1 Shopping List Item No. 15

Production Schedule Exhibit P-21, page 6 of 6

Exhibit P-40, Budget Item Justifica	ation									Date: I	February 20	010	
Appropriation (Treasury) Code/CC/BA/BSA	VItem Con	ntrol Number						P-1	Line Item No	menclature			
Aircraft Procurement, Air Fo	orce, B	Budget A	ctivity 03	3, Traine	r Aircraf	t, Item N	o. 16	IN	TRO TO	FLIGHT/	AIRMAN	SHIP PR	ł G
Program Element for Code B Items:	N	J/A			Other Relat	ed Program	Elements:						
						FY 2011	Total						
ID (Code P	rior Years	FY 2009	FY 2010	FY 2011	OCO	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	To Comp	Total
Proc Qty A		0		13	12		12						25
Total Proc Cost (\$ M)		0.000	0.000	4.131	4.099	0.000	4.099	1.189	0.000	0.000	0.000	0.000	9.419

Description

This line is acquiring 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, two-seat configuration minimum (four-seat acceptable) and FAA certification. Aircraft must be capable of operating from the USAFA airfield.

FY 2011 Program Justification

Acquire 12 COTS aircraft for use in the Powered Flight Program at the USAFA.

P-1 Shopping List Item No. 16

Budget Item Justification Exhibit P-40, page 1 of 4

Exhibit P-5, Weapon System Cost Anal	ysis									Date: Feb	oruary 201	10	
Appropriation (Treasury) Code/CC/BA/BSA/Item Aircraft Procurement, Air Force			03, Trair	ner Airc	raft, Iten	n No. 16			Item Nomen		RMANS	SHIP PRO	3
Manufacturer's Name/Plant City/State Location	on			Subline It	em								
To be determined				N/A									
Weapon System	Ident					Total	Cost in Mi	llions of D	ollars				
Cost Elements	Code		FY 2009			FY 2010			FY 2011		F	Y 2011 OC	O
				Total			Total			Total			Total
		Qty	Unit Cost	Cost	Qty	Unit Cost	Cost	Qty	Unit Cost	Cost	Qty	Unit Cost	Cost
Aircraft	A				13	0.285	3.705	12	0.285	3.420			
Program Management Administration							0.150			0.274			
Technical Manuals/Data							0.000			0.125			
Peculiar Support Equipment							0.000			0.050			
Initial Training/Cadre							0.000			0.100			
Interim Contractor Support							0.276			0.130			
TOTAL PROGRAM							4.131			4.099			
Comments													

P-1 Shopping List Item No. 16

Weapon System Cost Analysis Exhibit P-5, page 2 of 4

xhibit P-5A, Procurement	History ar	nd Planning							Dat	e: February	/ 2010	
appropriation (Treasury) Code/C0								P-1 Line It	em Nomenclatu	ıre		
Aircraft Procurement,	Air Ford	e, Budge	t Activity	03, Train	er Aircraf	ft, Item No.	16	INTRO	TO FLIGH	IT/AIRM	ANSHIP P	RG
<u>Veapon System</u>					Subline Iter	n						
NTRO TO FLIGHT	<u> </u>	1		ı			1		1	Б. с	Ta	In .
WBS Cost Elements	Otro	Linit Coat	Location of PCO	RFP Issue	Contract	Contract	Contractor on d	Lagation	Assembly Data	Date of First	Specs Available Now?	Date Revision
VBS Cost Elements	Qty	Unit Cost	PCO	Date	Method	Туре	Contractor and	Location	Award Date	Delivery	Now?	Available
Air Vehicle FY10	13	0.285	ASC/877 AESG WPAFB OH	Apr-10	C/FPO	FFP	Unknown		Oct-10	Jan-11		
Air Vehicle FY11	12	0.285	ASC/877 AESG WPAFB OH	Apr-10	C/FPO	FFPAA	Unknown		Jan-11	Apr-11		
<u>Remarks</u>												
The manufacturer will not be kn	nown until c	ontract award	. Date of first	t delivery is r	notional at thi	is time.						

P-1 Shopping List Item No. 16

Procurement History and Planning Exhibit P-5A, page 3 of 4

	1 Line Item Nomenclatu	
	NTRO TO FLIGH	AT/AIDMANSHID DDG
Aircraft Procurement, Air Force, Budget Activity 03, Trainer Aircraft, Item No. 16		III/AIINMANSIIIF FING
S ACCEP. BALANCE FISCAL YEAR 2011 PRIOR DUE 2010 CALENDAR YEAR 2011	FISC	AL YEAR 2012 L CALENDAR YEAR 2012 A
PROCUREMENT YEAR E PROC. TO AS OF O N D J F M A M J J A S O	N D J F O E A E V C N B	M A M J J A S T A P A U U U E E R R V N L G P R
2010 USAF 13 0 13 13 13 1 1 1 1 1 1 1 1 1 1 1 1 1	, , , ,	
[2011] USAF 12 0 12 12 12 12 TOTAL 25 0 25 13 12 12		0
O N D J F M A M J J A S O C O E A E A P A U U U E C T V C N B R R Y N L G P T	N D J F O E A E V C N B	M A M J J A S A P A U U U E R R Y N L G P
PRODUCTION RATES PROCUREMENT LEAD TIME MIN SHIFT M ADMIN SUST HOURS A LEAD TIME	MFG TOTAL	
TEM/MANUFACTURER'S NAME LOCATION DAYS X To Be Determined TBD PRIOR AFTER 1 OCT 1 OCT	TIME AFTER 1 OCT	
REMARKS The manufacturer along with specific information concerning production rates and lead times will not be known until contract award. Delivery schedule information is notional at this time.	4	4

The manufacturer, along with specific information concerning production rates and lead times, will not be known until contract award. Delivery schedule information is notional at this time

P-1 Shopping List Item No. 16

Production Schedule Exhibit P-21, page 4 of 4

Exhibit P-40, Budget Item J	lustification									Date:	February 2	2010	
Appropriation (Treasury) Code/CC	/BA/BSA/Item	Control Number						P-	1 Line Item N	omenclature			
Aircraft Procurement,	Air Force	, Budget A	ctivity 0	3, Traine	r Aircraf	t, Item N	o. 17		oint Prim PATS)	ary Airc	raft Traiı	ning Syst	tem
Program Element for Code B Ite	ems:	N/A			Other Rela	ted Program	Elements:						
						FY 2011	Total						
	ID Code	Prior Years	FY 2009	FY 2010	FY 2011	OCO	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	To Comp	Total
Proc Qty	A	452					0					0	452
Cost (\$ M)		2413.558	22.852	15.661			0.000					0.000	2452.071
Advance Proc Cost (\$ M)		0.000					0.000					0.000	0.000
Weapon System Cost (\$ M)		2413.558	22.852	15.661	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2452.071
Initial Spares (\$ M)		99.331	15.954	2.507	0.457		0.457					0.000	118.249
Total Proc Cost (\$ M)		2512.889	38.806	18.168	0.457	0.000	0.457	0.000	0.000	0.000	0.000	0.000	2570.320
Flyaway Unit Cost (\$ M)		4.868					0.000						4.868
Wpn Sys Unit Cost (\$ M)		5.585					0.000						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 averaged over 35 years of age. The T-37s had 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 were 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 2011 Program Justification

Not applicable. Final USAF T-6A delivery is planned for FY2010.

P-1 Shopping List Item No. 17

Budget Item Justification Exhibit P-40, page 1 of 8

Exhibit P-5, Weapon System Cost Analys	er's Name/Plant City/State Location Cheraft Corporation/Wichita/Kansas Weapon System Cost Elements Code (Treasury) Code/CC/BA/BSA/Item Control Number Budget Activi Coty/State Location Ident Code									Date: Feb	oruary 20	10	
		ctivity	03, Trair	ner Aircr	aft, Ite	m No. 17			e Item Nomen t Primary TS)		t Traini	ng Syste	m
Manufacturer's Name/Plant City/State Location	Procurement, Air Force, Budget Activity er's Name/Plant City/State Location echcraft Corporation/Wichita/Kansas Weapon System Cost Elements Code Qty A COST SUBTOTAL courement A COST SUBTOTAL ed Training System A Control Number Control Number A A COST SUBTOTAL A COST SUBTOTAL A COST SUBTOTAL												
Hawker Beechcraft Corporation/Wichita/Kansas	Force, Budget Activity (te Location chita/Kansas Ident Code Qty A A A A												
Weapon System	Ident			•		Total	Cost in Mil	lions of I	Dollars				
Cost Elements	Code		FY 2009			FY 2010			FY 2011		I	FY 2011 OC	О
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
Aircraft	A												
FLYAWAY COST SUBTOTAL													
Advance Procurement	A												
Other	A			18.852			15.661						
SUPPORT COST SUBTOTAL				18.852			15.661						
Ground Based Training System	A			4.000									
Rounding in Database													
TOTAL PROGRAM				22.852			15.661						

Comments

P-1 Shopping List Item No. 17

Weapon System Cost Analysis Exhibit P-5, page 2 of 8

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

[&]quot;Other" includes air vehicle support, integrated logistics support, and mission support.

Appropriation (Treasury) Code/CC	/BA/BSA/Ite	m Control Num	ber					P-1 Line It	em Nomenclatı	ıre		
Aircraft Procurement,	Air Ford	e, Budge	t Activity	03, Train	er Aircraf	ft, Item No			rimary Ai	rcraft Tra	ining Sy	stem
Weapon System					Subline Iter	n		(JPATS)			
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-Beeche Wichita, Kansas		Feb-08	Mar-09	Yes	
Air Vehicle FY08	39		ASC/YT WPAFB OH	Mar-06	C/FPO	FFP	Hawker-Beeche Wichita, Kansas		Mar-08	Apr-10	Yes	
Air Vehicle FY09	0		ASC/877 AESG WPAFB OH	Mar-06	C/FPO	FFP	Hawker-Beecho Wichita, Kansas		Feb-09		Yes	
Air Vehicle FY10	0		ASC/877 AESG WPAFB OH	Mar-06	C/FPO	FFP	Hawker-Beecho Wichita, Kansas		Feb-10		Yes	

Remarks

Exhibit P-5A, Procurement History and Planning

The FY2007 follow-on contract was in accordance with FAR Part 15. Final USAF aircraft buy was in FY2008 with final delivery in FY2010. In FY2011, the USAF program transitions to sustainment; however, the USN will continue aircraft purchases through FY2013 and deliveries through FY2015. The USAF will remain executive service. In FY2009 and FY2010, USAF funding acquires air vehicle support, integrated logistics support, and mission support.

P-1 Shopping List Item No. 17

Procurement History and Planning Exhibit P-5A, page 3 of 8

Date: February 2010

Exh	ibit P-21, Productio	n Sched	lule																			Da	ate: F	ebru	uary 2	2010				
Appr	opriation (Treasury) Cod	ACCEP. BALANCE SAFE																												
		AT Procurement, Air Force, Budget Activity 03, Trainer Aircraft, Item No. 17 P-1 Line Item Nomenclature P-1 Line Item Nomenclat																												
~"	Craft i Toculeine	P-1 Line Item Nomenclature														3101														
																		(,	JPA	15)										
		S								FIS	CAL Y	EAR 20										FIS								L
	DDOOLIDEMENT VE AD		PROC.					D	T	Е	14	Α		· ·	YEAR		C	0	N	D	т	г	CA	$\overline{}$		AR 200)2		C	A
	PROCUREMENT YEAR		QTY						J A	F			l		IJ						J A	F	A A			IJ	J II			I
		V													L									-			L			R
	1995		9	9	0																									0
	1996			4																								\rightarrow		0
	1997 1998				-		-						-	_				1	2									\longrightarrow		0
	1999																	-	3	7	1	2	4	4	1			\rightarrow		0
	2000																									7	4	2	6	10
	2001																													34
	2002																											\longrightarrow		40
	2003 2004					-		\vdash					_			_												\longrightarrow	-	35 52
	2005					\vdash	†	\vdash					 	\vdash			-	 							-			\rightarrow	$\overline{}$	53
	2006																													54
	2007		48	0	48																							\Box		48
TOTA	2008	USAF																4	-	7	1	_	4	4	1	7	4		-	39
1017	AL .		452	40	412		N	D		F	M	Α	M	J	.l	Α	S	<u> </u>	N N	D /	.1	F		A 4	M	.1	.l			365
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						Т		С		В					L		Р	Т	V	С	Ν	В	R	R	Υ	Ν	L	G	Р	
														PRO			LEAD .	TIME												
																						ΤΟΤΔΙ								
ITEM	MANUFACTURER'S NAME		LOCATION	I	0001										LLAD	1 IIIVIL														
Rayth	eon		Wichita, KS		35														IIIVI⊏			1 OCT								
	PARTICIPATION (Treasury) Code/CC/BA/BSA/Item Control Number raft Procurement, Air Force, Budget Activity 03, Trainer Aircraft, Item No. 17 Participate																													
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REMA	ARKS		L		l .				TILOTI	DEIX										21			2)							
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Rayth	eon Aircraft Company became H	awker-Beech	craft Corporati	on in 2007.																										
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Exhibit P-21, page 4 of 8

xhibit P-21, Production	n Scnea	uie																			D	ate: r	-ebru	uary	2010				
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P-1 Shopping List Item No. 17

Production Schedule Exhibit P-21, page 5 of 8

Exhibit P-21, Productio	n Sched	lule																			D	ate: I	-ebri	uary	2010				
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P-1 Shopping List Item No. 17

Production Schedule Exhibit P-21, page 6 of 8

Exhibit P-21, Productio	n Sched	ule																			D	ate: I	Febr	uary	2010				
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TEM/MANUFACTURER'S NAME		LOCATION			DAYS	3	Х											TIME			AFTEF								
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P-1 Shopping List Item No. 17

Production Schedule Exhibit P-21, page 7 of 8

Exhibit P-21, P	roductio	n Sched	ule																			D	ate: F	ebru	uary :	2010				
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P-1 Shopping List Item No. 17

Production Schedule Exhibit P-21, page 8 of 8

FY 2011 BUDGET ESTIMATES BUDGET ACTIVITY 04 – OTHER AIRCRAFT FEBRUARY 2010

PAGE 4 – 0

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Exhibit P-40, Budget Item Justifica	tion								Date: I	February 20	010	
Appropriation (Treasury) Code/CC/BA/BSA/	Item Control Numbe	r					P-′	Line Item No	omenclature			
Aircraft Procurement, Air Fo	rce, Budget A	Activity 0	4, Other	Aircraft,	Item No.	. 18	C	ommon \	ertical L	₋ift Supp	ort Platf	orm
Program Element for Code B Items:	N/A			Other Rela	ted Program	Elements:						
					FY 2011	Total						
ID C	ode Prior Years	FY 2009	FY 2010	FY 2011	OCO	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	To Comp	Total
Proc Qty A	()				0	2	4	4	6		16
Total Proc Cost (\$ M)	0.000	0.000	0.000	6.432	0.000	6.432	58.939	138.353	145.600	225.720		575.044

Description

Common Vertical Lift Support Platform (CVLSP) program will replace the current USAF UH-1N fleet of 62 aircraft with an aircraft with improved speed, range, capacity and survivability. CVLSP program will award a production contract starting in FY12 in order to achieve Initial Operational Capability by FY15. The CVLSP platform is expected to be an in-production, non-developmental, Government Off-The-Shelf or Commercial Off-The-Shelf (GOTS/COTS) aircraft.

The Common Vertical Lift Support Platform (CVLSP) will provide vertical support for nuclear weapon convoy escort, 24/7 adverse weather capable InterContinental Ballistic Missile (ICBM) emergency security response/operational support, and mass passenger transport/Operational Support Airlift (OSA) in the National Capital Region. Other assigned missions include Pacific Air Forces (PACAF) OSA, survival school support, test and range support, and combat aviation advisor training. Additionally, other support missions inherent in CVLSP capabilities include NASA and Homeland Security support missions of critical infrastructure protection, search and rescue, national security special events, contingency management, and weapons of mass destruction interdiction.

This program has prior year Research, Development, Test and Evaluation, Air Force (RDT&E, AF) funding in PE 0604263F

FY 2011 Program Justification

Provides funding for the preparation of acquisition documentation and activities to support a FY12 Milestone decision and subsequent production contract award.

P-1 Shopping List Item No. 18

Budget Item Justification Exhibit P-40, page 1 of 6

Exhibit P-5, Weapon System Cost Analysi						IED							
LAMBIC 1 -3, Weapon System Cost Allalysi	s									Date: Feb	ruary 20	10	
Appropriation (Treasury) Code/CC/BA/BSA/Item Con	trol Number							P-1 Lin	e Item Nomen	clature			
Aircraft Procurement, Air Force, B	udget A	ctivity	04, Othe	r Aircra	ft, Item	No. 18		Com	mon Vert	ical Lift	Supp	ort Platfo	rm
Manufacturer's Name/Plant City/State Location				Subline It	em								
TBD/TBD													
Weapon System	Ident					Total	Cost in Mi	llions of I	Dollars				
Cost Elements	Code	FY 2010			FY 2011			FY 2011 OC)				
	ľ			Total			Total			Total			Total
		Qty	Unit Cost	Cost	Qty	Unit Cost	Cost	Qty	Unit Cost	Cost	Qty	Unit Cost	Cost
Air Vehicles													
Systems Engineering/Program Mgmt													
Government Furnished Equipment (GFE)													
Nonrecurring Costs													
FLYAWAY COST SUBTOTAL													
Support Equipment													
Production Spares													
Aircrew/Maintenance Training													
Program Office/Mission Support										6.432			
SUPPORT COST SUBTOTAL										6.432			
TOTAL PROGRAM										6.432			
Comments													
Support Equipment Production Spares Aircrew/Maintenance Training Program Office/Mission Support SUPPORT COST SUBTOTAL TOTAL PROGRAM										6.432			

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Weapon System Cost Analysis Exhibit P-5, page 2 of 6

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istory ar	nd Planning							Dat	te: February	2010	
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ir Ford	e, Budge	t Activity	04, Other	Aircraft,	Item No.	18	Comm	on Vertica	ıl Lift Su <mark>ı</mark>	port Plat	tform
				Subline Iter	n						
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?
L											
2		1		С	FFP	TBD			Feb-14		
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Procurement History and Planning Exhibit P-5A, page 3 of 6

Exh	ibit P-21, Productio	n Sched	ule																			Da	ate: I	-ebru	uary 2	2010				
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		S	PROG	ACCEP. PRIOR	BALANCE DUE		2012			FIS	CAL Y	EAR 20		ENDAR	R YEAR	R 2013						FIS		EAR 2	014 OAR YE	EAR 20	14			L A
	PROCUREMENT YEAR	R V	PROC. QTY	TO 1 OCT 2012	AS OF 1 OCT 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	T E R
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Production Schedule Exhibit P-21, page 4 of 6

Exh	ibit P-21, Productio	n Sched	ule																			D	ate: I	Febr	uary	2010				
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	2013	USAF	4	0	4			1	1	1	1																			(
	2014	USAF 4 0 4																	1	1	1	1							(
	2015	USAF	6	0	6																									- 6
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Production Schedule Exhibit P-21, page 5 of 6

Exhibit P-21, Production	n Sched	ule																			D	ate: I	Febr	uary :	2010				
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	S	PROC.	ACCEP. PRIOR	BALANCE DUE		2016			FIS	CAL Y	EAR 20		ENDAR	R YEAR	2017						FIS		'EAR 2 ALENI		EAR 20	18			L A
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				MIN SUST	SHIF	RS	M A								MIN TIME			MFG			TOTAL								
ITEM/MANUFACTURER'S NAME		LOCATION	1		DAYS	3	Х											TIME			AFTER								
TBD		TBD			TBD									IOR OCT	AF1 1 C						1 OCT								
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REMARKS				1	1			ILON	DLI				·			44													

P-1 Shopping List Item No. 18

Production Schedule Exhibit P-21, page 6 of 6

Exhibit P-40, Budget Item Jus	tification									Date:	February 20	010	
Appropriation (Treasury) Code/CC/BA	A/BSA/Item C	ontrol Number						P-1	Line Item No	omenclature			
Aircraft Procurement, Ai	ir Force,	Budget A	ctivity 04	4, Other	Aircraft,	Item No.	19	C	/-22 Osp	rey			
Program Element for Code B Items	3:	N/A			Other Rela	ted Program	Elements:						
	ID Code	Prior Years	FY 2009	FY 2010	FY 2011	OCO	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	To Comp	Total
Proc Qty	A	20	6	5	5		5	5	4	3			48
Cost (\$ M)		1867.110	407.719	435.803	393.098		393.098	345.220	292.632	230.373			3971.955
Advance Proc Cost (\$ M)		114.096	14.227	13.835	13.621		13.621	20.000	15.000				190.779
Weapon System Cost (\$ M)		1981.206	421.946	449.638	406.719	0.000	406.719	365.220	307.632	230.373	0.000	0.000	4162.734
Initial Spares (\$ M)		335.758	50.297	123.342	108.592		108.592	90.635	96.069	43.504			848.197
Total Proc Cost (\$ M)		2316.964	472.243	572.980	515.311	0.000	515.311	455.855	403.701	273.877	0.000	0.000	5010.931
Flyaway Unit Cost (\$ M)		66.654	61.208	66.795	66.510		66.510	68.166	70.812	71.872			
Wpn Sys Unit Cost (\$ M)		100.842	70.324	89.928	81.344		81.344	73.044	76.908	76.791			

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, 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 funds 85% of the procurement cost for CV-22 training systems, while USSOCOM funds 15%. 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.

Notes:

This program has associated Research Development Test and Evaluation (RDT&E) funding in PE 0401318F.

FY 2011 Program Justification

The FY2011 budget will provide funding to procure five CV-22 aircraft under the fourth year of a 5-year MYP contract, and associated logistics requirements.

The FY2011 budget includes Advance Procurement for five aircraft in FY2012.

P-1 Shopping List Item No. 19

Budget Item Justification Exhibit P-40, page 1 of 7

Exhibit P-5, Weapon System Cost Analysi										Date: Feb	ruary 20	10	
Appropriation (Treasury) Code/CC/BA/BSA/Item Cor	trol Number								Item Nomen				
Aircraft Procurement, Air Force, E	Budget A	ctivity (04, Othe	r Aircraf	t, Item	No. 19		CV-22	2 Osprey	1			
Manufacturer's Name/Plant City/State Location				Subline Iter	n								
Bell-Boeing, Amarillo TX													
Weapon System	Ident					Total	Cost in Mil	lions of D	ollars				
Cost Elements	Code		FY 2009			FY 2010			FY 2011]	FY 2011 OC)
				Total			Total			Total			Total
		Qty	Unit Cost	Cost	Qty	Unit Cost	Cost	Qty	Unit Cost	Cost	Qty	Unit Cost	Cost
Air Frame CFE	A	6	55.207	331.244	5	57.646	288.231	5	57.884	289.419			
Engines/Accessories	A			23.148			20.545			21.490			
CFE Electronics	A			0.375			0.318						
GFE	A			5.838			19.116			15.850			
Engineering Change Orders (ECO)	A			6.641			5.765			5.788			
Nonrecurring Cost	A			7.940			11.950						
Ancillary Equipment	A			2.678			2.014			3.300			
Parts Obsolescence	A			5.765			4.827			3.621			
TOTAL FLYAWAY COST				383.628			352.768			339.469			
Airframe PGSE	A			5.594			5.829			10.055			
Engine PGSE	A			1.185			0.361			1.203			
Avionics PGSE	A			7.455			9.667			6.667			
Peculiar Training Equipment	A			3.000			59.932			25.181			
Publications/Technical Data	A			7.800			8.246			3.958			
Other ILS	A			19.116			8.146			8.428			
Production Engr Support	A			8.203			7.164			7.753			
Common SE	A			0.750			6.839			12.437			
SUPPORT COST				53.103			106.183			75.681			
Gross P-1 Cost				436.731			458.951			415.150			
Advance Procurement (Credit)				-29.012			-23.148			-22.052			
Net P-1 Cost				407.719			435.803			393.098			
Advance Procurement				14.227			13.835			13.621			
Weapon System Cost				421.946			449.638			406.719			
TOTAL PROGRAM				421.946			449.638			406.719			
Comments													

Note:

P-1 Shopping List Item No. 19

Weapon System Cost Analysis Exhibit P-5, page 2 of 7

^{1. &}quot;Total Program" above does not include BP16 Initial Spares funds or BP-11 Modification funds.

^{2.} FY10-14 GFE budget includes funding for Directional Infrared Counter Measures (DIRCM), which was budgeted under USSOCOM in MFP-11 in previous years.

Exhibit P-5A, Procurement His	tory a	nd Planning							Da	te: Februar ₎	y 2010	
Appropriation (Treasury) Code/CC/BA/	BSA/Ite	m Control Num	nber					P-1 Line Ite	em Nomenclati	ure		
Aircraft Procurement, Air	r Ford	e, Budge	t Activity	04, Other	Aircraft,	Item No.	19	CV-22 (Osprey			
Weapon System					Subline Ite	m	-					
CV-22												
WBS Cost Elements	Qty	Unit Cost	Location of PCO	RFP Issue Date	Contract Method	Contract Type	Contractor and L	ocation	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, Am	arillo TX	May-07	Dec-08	Yes	
Aircraft Procurement Lot 12 (FY08)	10	61.845	NAVAIR	Jul-06	SS	FPI	Bell-Boeing, Am	arillo TX	Mar-08	Dec-09	Yes	
Aircraft Procurement Lot 13 (FY09)	6	61.208	NAVAIR	Jul-06	SS	FPI	Bell-Boeing, Am	arillo, TX	Dec-08	Feb-11	Yes	
Aircraft Procurement Lot 14 (FY10)	5	66.795	NAVAIR	Jul-06	SS	FPI	Bell-Boeing, Am	arillo, TX	Nov-09	Feb-12	Yes	
Aircraft Procurement Lot 15 (FY11)	5	66.510	NAVAIR	Jul-06	SS	FPI	Bell Boeing, Am	arillo TX	Nov-10	Feb-13	Yes	
Aircraft Procurement Lot 16 (FY12)	5	68.166	NAVAIR	Jul-06	SS	FPI	Bell Boeing, Am	arillo TX	Nov-11	Jan-14	Yes	
Aircraft Procurement Lot 17 (FY13)	4	70.812	NAVAIR	Feb-11	SS	FFP	Bell Boeing, Am	arillo TX	Nov-12	Jan-15	Yes	
Aircraft Procurement Lot 18 (FY14)	3	71.872	NAVAIR	Feb-11	SS	FFP	Bell Boeing, Am	arillo TX	Nov-13	Jan-16	Yes	

Remarks

FY08 through FY12 procurements are being ordered on a Multi-Year contract which was awarded in March 2008.

Unit cost is flyaway recurring unit cost

P-1 Shopping List Item No. 19

Procurement History and Planning Exhibit P-5A, page 3 of 7

Exh	ibit P-21, Productio	n Sched	lule																			D	ate: I	Febru	uary :	2010				
Appr	opriation (Treasury) Cod	e/CC/BA/l	BSA/Item (Control Nu	ımber													P	-1 Lin	e Iten	n Nom	nencla	ature							
Air	craft Procureme	nt, Air	Force	, Budg	et Act	ivity	/ 04 ,	Oth	ner <i>i</i>	Airc	raft	, Ite	m N	lo. ′	19			C	:V-2	2 0	spr	ey								
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		E	PROC.	PRIOR	DUE		2008						CALI	ENDAR	YEAR	2009							C.	ALENE	OAR YE	AR 20	10			Α
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	2010 USAF 5 0 5																					 				\vdash		5		
	2011	USAF	5	0	-	5	1																					†		5
	2012	1																					1		5					
	2013	USAF	4	0	4	1	İ																							4
	2014	USAF	3	0	3	3	1																							3
	FY2007 GWOT	USAF	1	0	1	l																								1
	FY2008 GWOT	USAF	5	0	4	5																								5
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Minimum sustaining rate includes MV-22 production.

Manufacturing lead-time is calculated from contract award for advanced procurement long lead parts until delivery of first aircraft in production lot. The production lots include Marine Corps MV-22 and USAF CV-22 aircraft.

P-1 Shopping List Item No. 19

Production Schedule Exhibit P-21, page 4 of 7

Exhibit P-21, Production So	chedule																			Di	ate: I	-ebru	uary 2	2010				
Appropriation (Treasury) Code/CC	/BA/BSA/It	em Control N	umber													P	-1 Lin	e Item	n Nom	encla	ature							
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REMARKS																												

Minimum sustaining rate includes MV-22 production.

P-1 Shopping List Item No. 19

Production Schedule Exhibit P-21, page 5 of 7

Exhibit P-21, Production 8	Schedi	ule																			Da	ate: r	-epru	uary A	2010				
Appropriation (Treasury) Code/C	CC/BA/B	SA/Item C	Control Nu	ımber													Р	-1 Lin	e Item	n Nom	encla	ature							
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	SAF	5	0	5																1			1		1		1	1	0
	SAF	4	0	4																									4
	SAF	3	0	3																									3
	SAF	1	1	0																									0
	SAF	5	2	3		1						1						1									<u></u>		0
TOTAL		41	20	21		1			1	1		1	1		1	1		1		1			1		1		1	1	7
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REMARKS																													

Minimum sustaining rate includes MV-22 production.

P-1 Shopping List Item No. 19

Production Schedule Exhibit P-21, page 6 of 7

Exhibit	P-21, Productio	n Sched	lule																			D	ate: I	Febr	uary	2010)			
Appropri	ation (Treasury) Cod	e/CC/BA/I	BSA/Item (Control Nu	ımber													Р	-1 Lin	e Item	n Nom	nencla	ature							
	aft Procureme					vity	04,	Oth	ner A	Airc	raft	, Ite	m N	lo. ′	19			C	V-2	2 O	spr	еу								
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		E	PROC.	PRIOR	DUE		2014						CALI	ENDAR	YEAR	2015							C	ALENI	DAR YI	EAR 20	16			Α
P	ROCUREMENT YEAR	R	OTY	TO	AS OF	0	N	D	J	F	M	Α	M	J	J	Α	S	О	N	D	J	F	M	Α	M	J	J	Α	S	T
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		110 1 5	_	2014	2014	Т	V	С	N	В	R	R	Y	N	L	G	P	T	V	С	N	В	R	R	Y	N	L	G	P	R
2007		USAF	2	2	0																							—		0
	GWOT	USAF	1	1	0																						ļ	₩		0
2008		USAF	5	5	0													_										—		0
	GWOT	USAF	5	5	0	!	-	ļ					-	-				-				-	-	-	ļ	-	ļ	—		0
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2010		USAF	5	3	0		-			-		-						-					-	-		-	1	\vdash		0
2011		USAF	5	3	0		1	1										-										\vdash		0
2012		USAF	3	3	0				1	1		1	1										-	_		_	<u> </u>	├ ─		0
2013		USAF	4	0	3				1	1		1	- 1					-			1		1	1	1	-	1	\vdash		0
TOTAL		USAF	41	34					1	1		1	1								1		1	1				\vdash		0
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Bell Boeing			Ridley Park	PA & Fort	11	1		39	1					PR	IOR	AFT	ER	1	TIME			AFTER 1 OCT								
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									REOF	RDER							2			37			39							
REMARKS	5																													

Minimum sustaining rate includes MV-22 production.

P-1 Shopping List Item No. 19

Production Schedule Exhibit P-21, page 7 of 7

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Exhibit P-40, Budget Item Ju	ustification									Date:	February 2	010	
Appropriation (Treasury) Code/CC/	BA/BSA/Item (Control Number						P-1	Line Item No	omenclature			
Aircraft Procurement,	Air Force	Budget A	ctivity 04	4, Other	Aircraft,	Item No.	. 20	C/	/-22 (Os	prey) Ad	dvance P	rocuren	nent
Program Element for Code B Iter	ms:	N/A			Other Rela	ted Program	Elements:						
						FY 2011	Total						
	ID Code	Prior Years	FY 2009	FY 2010	FY 2011	OCO	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	To Comp	Total
Proc Qty	A	20	6	5	5		5	5	4	3			48
Cost (\$ M)							0.000						0.000
Advance Proc Cost (\$ M)		114.096	14.227	13.835	13.621		13.621	20.000	15.000				190.779
Weapon System Cost (\$ M)		114.096	14.227	13.835	13.621	0.000	13.621	20.000	15.000	0.000	0.000	0.000	190.779
Initial Spares (\$ M)							0.000						0.000
Total Proc Cost (\$ M)		114.096	14.227	13.835	13.621	0.000	13.621	20.000	15.000	0.000	0.000	0.000	190.779
Flyaway Unit Cost (\$ M)							0.000						
Wpn Sys Unit Cost (\$ M)							0.000						

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 Integrated Radio Frequency Countermeasures (SIRFC).

FY 2011 Program Justification

The FY2011 budget includes \$13.621M for long lead items to support five lot 16 CV-22 aircraft to be procured in FY 2012 under the V-22 multi-year procurement contract.

P-1 Shopping List Item No. 20

Budget Item Justification Exhibit P-40, page 1 of 3

Exhibit P-10 p.1, Advanc (Page 1 - Funding)	e Procureme	nt Requirer	ments Anal	ysis						Date:	February 2	010	
Appropriation (Treasury) Code	/CC/BA/BSA/Iter	n Control Num	nber					F	P-1 Line Item N	Nomenclature			
Aircraft Procuremer				/ 04, Othe	er Aircraf	it, Item N	o. 20		CV-22 (Os	sprey) A	dvance F	Procurem	ent
Weapon System						First System				First System			
CV22AP							Mar	r-03			Feb	o-06	
			Т		(\$ in	Millions)	FY 2011	<u> </u>	 			г	
<u>Description</u>	<u>PLT</u>	When Rqd	Prior Years	FY 2009	<u>FY 2010</u>	FY 2011	OCO OCO	FY 2012	FY 2013	FY 2014	FY 2015	To Comp	<u>Total</u>
End Item Qty			20	5	5	5		4	3	0			42
CFE	34		45.236										45.236
GFE													0.000
EOQ													0.000
Design													0.000
Term Liability													0.00
Long-Lead for FY08	32		16.543										16.54
EOQ for FY08			1.707			'							1.70
Long-Lead for FY09	32		14.348										14.34
EOQ for FY09			16.112										16.11
Long-Lead for FY10	32			14.227									14.22
EOQ for FY10			5.800										5.80
Long-Lead for FY11	32				13.835	· '							13.83
EOQ for FY11			7.283	<u> </u>		<u> </u>							7.28
Long-Lead for FY12	32					13.621							13.62
EOQ for FY12			7.068			· · · · · · · · · · · · · · · · · · ·							7.06
Long-Lead for FY13								20.000					20.00
Long Lead for FY14					1	1			15.000				15.00
TOTAL AP			114.096	14.227	13.835	13.621	0.000	20.000	15.000	0.000	0.000	0.000	190.77

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 setup 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. 20

Advance Procurement Requirements Analysis (Page 1 - Funding) Exhibit P-10 p.1, page 2 of 3

				UNC	LASSIFIE	ĒD						
Exhibit P-10 p.2, Advance P (Page 2 - Budget Justification	•	uirements /	Analysis						Date	: February 2	2010	
Appropriation (Treasury) Code/CC/	BA/BSA/Item Contro	l Number						P-1 Line Item	Nomenclature	Э		
Aircraft Procurement, A	Air Force, Bu	dget Acti	vity 04, Ot	her Aircr	aft, Item	No. 20		CV-22 (C)sprey) A	dvance	Procurer	nent
Weapon System												
CV22AP												
				(TOA.	, \$ in Millior	<u>1S)</u>						
					2009 Contract Forecast	2009 Total Cost		2010 Contract Forecast	2010 Total Cost	FY 2011	FY 2011 Contract Forecast	FY 2011 Total Cost
<u>Description</u>	<u>PLT</u>	<u>QPA</u>	<u>Unit Cost</u>	2009 QTY	<u>Date</u>	Request	2010 QTY	<u>Date</u>	Request	QTY	<u>Date</u>	Request
End Item												
EOQ/Long-Lead Items	32			5	Dec-08	14.227		Nov-09	13.835		Nov-10	13.621
TOTAL AP						14.227			13.835			13.621
Description												

P-1 Shopping List Item No. 20

Advance Procurement Requirements Analysis (Page 2 - Budget Justification) Exhibit P-10 p.2, page 3 of 3

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tification									Date: I	ebruary 20)10	
/BSA/Item C	Control Number						P-1	Line Item No	omenclature			
r Force,	Budget A	ctivity 04	4, Other	Aircraft,	Item No.	21	Co	ombat Fl	ight Insp	ection A	ircraft (0	CFIN)
:	N/A			Other Relat	ed Program	Elements:						
ID Codo	Drian Vagna	EV 2000	EV 2010			Total	EV 2012	EV 2012	EV 2014	EV 2015	To Comp	Total
1D Code	Prior rears	F Y 2009	F Y 2010	FY 2011	000	0	F Y 2012	F Y 2013	FY 2014	FY 2013	10 Comp	10181
A		31.781	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		31.781
		/BSA/Item Control Number r Force, Budget A : N/A	/BSA/Item Control Number r Force, Budget Activity 04 : N/A ID Code Prior Years FY 2009 A 1	/BSA/Item Control Number r Force, Budget Activity 04, Other Activity 04 : N/A ID Code Prior Years FY 2009 FY 2010 A 1	/BSA/Item Control Number r Force, Budget Activity 04, Other Aircraft, : N/A Other Related Description of the Prior Years	RSA/Item Control Number r Force, Budget Activity 04, Other Aircraft, Item No. : N/A Other Related Program ID Code Prior Years FY 2009 FY 2010 FY 2011 OCO A 1 OCO	RSA/Item Control Number r Force, Budget Activity 04, Other Aircraft, Item No. 21 : N/A Other Related Program Elements: ID Code Prior Years FY 2009 FY 2010 FY 2011 OCO FY 2011 A 1 0 0 0	P-1 P-1	P-1 Line Item No. 21 P-1 Line Item No. 21 Combat Fl	P-1 Line Item Nomenclature The Force, Budget Activity 04, Other Aircraft, Item No. 21 The Positive Item No. 21 The Positive Item Nomenclature Combat Flight Inspection In Item Nomenclature Combat Flight Inspection Item Nomenclature Comba	P-1 Line Item Nomenclature	P-1 Line Item Nomenclature Temporary Resolution Control Number Temporary Resolution Control Number Temporary Resolution Control Number Temporary Resolution Control Number Temporary Resolution Control Number Temporary Resolution Control Number Temporary Resolution Control Number Temporary Resolution Control Number Temporary Resolution Control Number Temporary Resolution Control Number Temporary Resolution Comparison

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 MOA also requires the Air Force to fund procurement of any military unique avionics. 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 has also contracted for the sixth and final CFIN aircraft in FY09 and initiated phase out of the last three C-29s.

FY 2011 Program Justification

No FY11 Funds requested.

P-1 Shopping List Item No. 21

Budget Item Justification Exhibit P-40, page 1 of 4

Exhibit P-5, Weapon System Cost Analys	is			UNCL	10011					Date: Fe	bruary 20	10	
Appropriation (Treasury) Code/CC/BA/BSA/Item Co								P-1 Lin	e Item Nomen				
Aircraft Procurement, Air Force, E			04, Othe	r Aircraf	ft, Item	No. 21		Com	bat Fligh	t Inspe	ction Ai	ircraft (C	FIN)
Manufacturer's Name/Plant City/State Location				Subline Ite	m								
Bombardier Aerospace Corp													
Weapon System	Ident					Total	Cost in M	illions of l	Dollars				
Cost Elements	Code		FY 2009			FY 2010			FY 2011		I	FY 2011 OC)
		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			31.781	31.781									
TOTAL PROGRAM				31.781									
Comments													

P-1 Shopping List Item No. 21

Weapon System Cost Analysis Exhibit P-5, page 2 of 4

					UNCLA	SSIFIED						
Exhibit P-5A, Procurement Hi	story a	nd Planning							Dat	e: February	/ 2010	
Appropriation (Treasury) Code/CC/B	A/BSA/Ite	m Control Num	nber					P-1 Line It	em Nomenclatu	ire		
Aircraft Procurement, A	ir Ford	e, Budge	t Activity	04, Other	Aircraft,	Item No. 2	21	Comba	t Flight In	spection	Aircraft	(CFIN)
Weapon System					Subline Iter	n						
CFIN					Combat Fli	ght 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	С	FFP	Bombardier Aer Corp	rospace	Jan-09	Sep-10	Yes	
Remarks Delivery date updated to reflect cu	rrent con	tract schedule	>									

P-1 Shopping List Item No. 21

Procurement History and Planning Exhibit P-5A, page 3 of 4

Exh	ibit P-21, Productio	n Sched	ule																			D	ate: I	ebru	uary :	2010				
Appr	opriation (Treasury) Cod	e/CC/BA/E	BSA/Item	Control Nu	umber													Р	-1 Lin	e Iten	n Non	nencla	ature							
Air	craft Procureme	nt, Air	Force	, Budg	et Acti	vity	04,	Otl	ner /	4irc	raft	, Ite	m N	lo. 2	21			C	om	bat	Flig	jht l	nsp	ect	ion	Airc	raft	t (CF	FIN)	
		S	PROG	ACCEP. PRIOR	BALANCE DUE		2008			FIS	CAL Y	EAR 2		ENDAR	YEAR	2009						FIS	CAL Y			AR 201	0			L A
	PROCUREMENT YEAR	R V	PROC. QTY	TO 1 OCT 2008	AS OF 1 OCT 2008	O C	N O	D E	J A	F E B	M A	A P	M A	J U N	J U	A U	S E	O C	N O	D E	J A	F E	M A	A P	M A	J U	J U	A U	S E	T E
	2009	USAF	1	. 2008	2008	1	V	C	IN	Ь	К	K	1	IN	L	G	P	1	V	C	IN	Б	K	K	1	IN	L	G	1	0
TOTA	L		1	. 0	1																								1	0
						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	N N	J U L	A U G	S E P	
					PRODUCT	ION R	ATES							PRO	CURE	MENT	LEAD :	ГІМЕ												
ITEM/	MANUFACTURER'S NAME		LOCATION	N		SHIF HOU! DAYS	RS	M A X								MIN TIME			MFG TIME		I	TOTAL AFTER								
Bomba	ardier Aerospace Corp		Richardson	, TX	1	1 - 8 -	5	5						PR 1 C		AF1 1 C	TER OCT		TIIVIL			1 OCT								
	·			·					INITIA REOR						0		4			20			24							
REMA																														
Daliva	ry data undated to reflect current	contract school	dula																											

P-1 Shopping List Item No. 21

Production Schedule Exhibit P-21, page 4 of 4

Exhibit P-40, Budget Item Jus	tification									Date: I	February 20	010	
Appropriation (Treasury) Code/CC/BA	VBSA/Item C	ontrol Number						P-1	Line Item No	omenclature			
Aircraft Procurement, A	ir Force,	Budget A	ctivity 04	4, Other	Aircraft,	Item No.	. 22	M	C-12W				
Program Element for Code B Items	3:	35230F			Other Relat	ed Program	Elements:						
						FY 2011	Total						
	ID Code	Prior Years	FY 2009	FY 2010	FY 2011	OCO	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	To Comp	Total
Proc Qty	A	7	30				0						37
Total Proc Cost (\$ M)		36.400	224.511	40.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		300.911

Description

Liberty Project Aircraft (LPA), military designation MC-12W, 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 ISR capabilities shortfalls in on-going Overseas Contingency Operations (OCO). Capabilities integrated by the 645th Aeronautical Systems Group (AESG, a.k.a. BIG SAFARI Program Office) for the Phase 1 configured Hawker Beechcraft Corporation (HBC) King Air 350 aircraft (LPA #1 through #7) include full motion video (FMV) line-of-sight (LOS) data link for Remote Operations Video Enhanced Receiver (ROVER) and One System Remote Video Terminal (OSRVT) receivers; limited signals intelligence (SIGINT) collection capability; and narrowband INMARSAT data link for beyond line-of-sight (BLOS) connectivity. Phase 2 configured King Air 350ER aircraft (LPA #8 through #37) are being integrated with enhanced FMV with laser designator capability; a more robust SIGINT capability; and a Ku-band spread spectrum (KuSS) data link with increase bandwidth for BLOS connectivity.

Initial FY08 funding was provided via the SECDEF mandated ISR Reprogramming Initiative to purchase seven Phase 1 aircraft (LPA #1 through #7). Initial contract to purchase the first seven previously owned King Air 350 aircraft was awarded to L-3Communications (L-3Com) on 15 Aug 08. FY09 funding was requested through the Bridge Supplemental and ultimately ended up in the program's base funding allowing the procurement of 24 Phase 2 aircraft (LPA #8 through #31). Contract to purchase one previously owned King Air 350ER aircraft (LPA #8) was awarded to L-3Com on 25 Nov 08. Contract to purchase 23 new production King Air 350ER aircraft (LPA #9 through #31) from HBC was awarded on 18 Nov 08. The LPA program of record was directed to procure a total of 37 aircraft so funding for six additional Phase 2 aircraft was pursued and approved via an FY09 Overseas Contingency Operations (OCO) Supplemental Request. A contract option on the existing HBC new production aircraft contract was exercised with FY09 OCO funds to purchase six additional new production aircraft (LPA #32 through LPA #37) on 15 Jul 09.

FY 2009 funding totals include \$45.0M appropriated for Overseas Contingency Operations.

FY 2009 funding totals included \$179.511M as part of the 2009 intitial distribution of funding.

FY 2010 funding totals include \$40M requested for the Overseas Contingency Operations Supplemental Request.

In summary:

- + 7 MC-12W -- funding provided for in FY08 ISR Reprogramming Initiative (PA-33)
- + 24 MC-12W -- funding provided for in FY09 Base Appropriations
- + 6 MC-12W -- funding provided for in FY09 Overseas Contingency Operations (OCO) Supplemental

Grand total of 37 MC-12W aircraft is the current required fleet size for the program of record. Funding in the FY 2010 OCO Supplement Request will increase this inventory by five aircraft.

FY 2011 Program Justification

No funding is requested for FY 2011.

P-1 Shopping List Item No. 22

Budget Item Justification Exhibit P-40, page 1 of 6

Exhibit P-5, Weapon System Cost Analysi	S							1		Date: Feb	ruary 20	10	
Appropriation (Treasury) Code/CC/BA/BSA/Item Con	trol Number							P-1 Line	e Item Nomeno	clature			
Aircraft Procurement, Air Force, B	Judget A	ctivity ()4, Othe	r Aircraf	t, Item	No. 22		MC-1	2W				
Manufacturer's Name/Plant City/State Location				Subline Iter	m								
Hawker Beechcraft Corporation / Wichita / Kansa	as												
Weapon System	Ident	1				Total	Cost in Mil	lions of Γ	Oollars				
Cost Elements	Code	1	FY 2009			FY 2010			FY 2011		F	FY 2011 OC	0
	ſ			Total			Total			Total			Total
		Qty	Unit Cost	Cost	Qty	Unit Cost	Cost	Qty	Unit Cost	Cost	Qty	Unit Cost	Cost
King Air 350 Aircraft											1		,
King Air 350ER Aircraft		24	7.480	179.511	,						I		
King Air 350ER Aircraft		6	7.500	45.000							1		
King Air 350ER Aircraft					5	8.000	40.000				1		
TOTAL PROGRAM				224.511			40.000				1		i
Comments													

Initial approach taken by the Air Force was to procure high quality, previously owned C-12 class aircraft off the open commerical market as an economic and expeditious way to jump start this ISR initiative. The 645 AESG (BIG SAFARI Program Office) contracted with L-3Communications, Greenville, TX to procure one high quality, previously owned King Air 350ER aircraft to integrate as Phase 2 LPA #8. As high quality, previously owned King Air 350/350ER aircraft were exhausted from the open market, contract negotiations ensued between 645 AESG and HBC for new production King Air 350ER aircraft to complete the required LPA fleet build.

The FY09 program of record base funding provided the means to purchase one previously owned King Air 350ER and 23 new production King Air 350ER aircraft. FY09 Overseas Contingency Operation (OCO) supplemental funding was approved to procure the final six aircraft to complete the required 37 aircraft for the program of record. FY 2010 OCO Supplemental Request will procure five additional King Air 350ER aircraft. The Program Office will request these aircraft be delivered from HBC with MC-12W paint scheme complete.

P-1 Shopping List Item No. 22

Weapon System Cost Analysis Exhibit P-5, page 2 of 6

Exhibit P-5A, Procurement His	tory a	nd Planning						Da	te: February	/ 2010	
Appropriation (Treasury) Code/CC/BA/	BSA/Ite	m Control Nun	nber				P-1 Line	Item Nomenclati	ure		
Aircraft Procurement, Air	For	e, Budge	t Activity	04, Other	Aircraft,	Item No.	22 MC-12	2W			
Weapon System					Subline Ite	m	•				
MC-12W					MC-12W						
WBS Cost Elements	Qty	Unit Cost	Location of PCO	RFP Issue	Contract Method	Contract Type	Contractor and Location	Award Date	Date of First	Specs Available Now?	Date Revision Available?
WB5 Cost Elements	Qty	Cilit Cost	100	Date	Wicthou	Турс	Contractor and Location	Award Date	Delivery	INOW:	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		С	FFP	L-3 Communications, Greenville, TX	Nov-08	Nov-08	Yes	
King Air 350ER model aircraft, new production	23	7.500	645 AESG, Wright Patterson AFB, OH		C	FFP	Hawker Beechcraft Corporation, Wichita, KS	Nov-08	Mar-09	Yes	
King Air 350ER model aircraft, new production	6	7.500	645 AESG, Wright Patterson AFB, OH		С	FFP	Hawker Beechcraft Corporation, Wichita, KS	Jul-09	Nov-09	Yes	
King Air 350ER model aircraft, new production	5	8.000	645 AESG, Wright Patterson AFB, OH		С	FFP	Hawker Beechcraft Corporation, Wichita, K	Jun-10	Nov-10	Yes	

Remarks

645 AESG (BIG SAFARI Program Office) via L-3Communications (prime integrating contractor for the Liberty Project Aircraft initiative) procured seven high quality, previously owned King Air 350 aircraft off the open commercial market to integrate as the Phase 1 aircraft (LPA #1 through #7) with funding provided through the ISR Task Force's FY08 ISR Reprogramming Initiative. L-3Com also acquired one high quality, previously owned King Air 350ER aircraft for integrating as the first Phase 2 (LPA #8) configured asset (enhanced FMV, SIGINT, and BLOS capabilities). 645 AESG contracted with HBC for 23 new production King Air 350ER aircraft (LPA #9 through #31). The 24 Phase 2 aircraft (LPA #8 through #31) were procured with FY09 baseline funding. The 645 AESG exercised an option to the aircraft purchase contract with HBC, via FY09 OCO funding, to procure six additional new production King Air 350ER aircraft (LPA #32 through #37) to complete the program of record requirement of 37 Liberty Project Aircraft. FY 2010 funding totals include \$40M for the Overseas Contingency Operations Supplemental Request. This requested funding will procure five additional King Air 350ER aircraft from HBC delivered with the MC-12W paint scheme.

P-1 Shopping List Item No. 22

Procurement History and Planning Exhibit P-5A, page 3 of 6

Ext	nibit P-21, Production	ո Sched	ule																			D	ate: l	Febr	uary	2010)			
App	ropriation (Treasury) Code	e/CC/BA/E	3SA/Item (Control Nu	ımber													Р	-1 Lir	ne Iten	n Non	nencla	ature							
Aiı	craft Procureme	nt, Air	Force	, Budg	et Acti	ivity	04 ,	Oth	ner /	Airc	raft	, Ite	m N	lo. 2	22			N	/IC-	12W	1									
		c		ACCEP.	BALANCE					FIS	CAL Y	EAR 2	006									FIS	SCAL Y	EAR 2	007					L
		E .	PROC.	PRIOR	DUE		2005						CALE	ENDAF	R YEAF	R 2006							C.	ALENI	OAR YE	EAR 20	07			Α
	PROCUREMENT YEAR	R	QTY	TO 1 OCT	AS OF 1 OCT	O C	N O	D E	J A	F E	M A	A P	M A	J	J	A	S E	O C	N O	D E	J A	F E	M A	A P	M A	J	J	A U	S E	T E
		V		2005	2005	T	V	C	N	В	R	R	Y	N	L	G	P	T	V	C	N	В	R	R	Y	N	L	G	P	R
					0	1																								(
TOT	AL				0																									(
						0	N	D	J	F	M	Α	М	J	J	Α	S	0	N	D	J	F	М	Α	M	J	J	Α	S	
						C	O V	E C	A N	E B	A R	P R	A Y	U N	U	U	E P	C T	0 V	E C	A N	E B	A R	P R	A Y	U N	L	U G	E P	
					PRODUCT	ION R	ATES							PRO	CURE	MENT	LEAD :	TIME												
					MIN	SHIF	Т	M							AD	MIN														
					SUST	HOU	RS	Α							LEAD	TIME			MFG			TOTAL	_							
ITEM	I/MANUFACTURER'S NAME		LOCATION	1		DAYS	3	Х											TIME			AFTER	₹							
Hawk	ker Beechcraft		Wichita, KS												IOR		TER	1	IIIVIL			1 OCT	•							
			ļ		ļ									10	OCT	1 (OCT							1						
									INITIA								2			4			6							
									REOR	DER																				
REM	ARKS																													

P-1 Shopping List Item No. 22

Production Schedule Exhibit P-21, page 4 of 6

Exhibit P-21, Production S	chedu	ıle																			Di	ate: I	-ebru	uary 2	2010				
Appropriation (Treasury) Code/C0	C/BA/BS	SA/Item C	ontrol Nu	ımber													Р	-1 Lin	e Iten	n Nom	encla	ature							
Aircraft Procurement,	, Air F	Force,	Budg	et Acti	vity	04,	Oth	ner A	irci	raft	, Ite	m N	lo. 2	22			N	/IC- 1	2W										
	S	PROC.	ACCEP. PRIOR	BALANCE DUE		2007			FISC	CAL Y	EAR 20		ENDAF	R YEAR	2008						FIS	CAL Y			AR 200	19			L A
PROCUREMENT YEAR	R V	QTY	TO 1 OCT 2007	AS OF 1 OCT 2007	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	T E R
2008 USA		7	0	7											7														0
2009 USA		24	0	24														1						3	2	6	5	5	2
2009 OCOSR USA	AF	6	0	6																							<u> </u>	└	6
2010 Overseas Contingency Operations USA	AF	5	0	5																									5
TOTAL				0																									0
					0 C T	N O >	DEC	J A N	F E B	M A R	A P R	M A Y	N U	J L	A U G	S E P	O C T	N O V	DEC	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	
				PRODUCT									PRO	CURE		LEAD 7	TIME												
ITEM/MANUFACTURER'S NAME		LOCATION		SUST	SHIFT HOUF DAYS	RS	M A X							ADI LEAD	MIN TIME			MFG			TOTAL AFTER								ļ
Hawker Beechcraft		Wichita, KS			DATS		^						PR	IOR	AF	TER	ł	TIME			1 OCT								
Hawker Beecherart		wiemia, Ko												CT		CT					1 001								
								INITIAL								2			4			6							
		•						REORD	ER					•				•	ĺ										
REMARKS																													

P-1 Shopping List Item No. 22

Production Schedule Exhibit P-21, page 5 of 6

Ex	hibit P-21, Production	n Sched	lule																			Di	ate: I	-ebru	uary	2010				
App	propriation (Treasury) Code	e/CC/BA/E	BSA/Item (Control Nu	ımber													Р	-1 Lin	e Iten	n Nom	nencla	ature							
Αi	rcraft Procureme	nt, Air	Force,	, Budg	et Acti	vity	04,	Oth	ner A	irc	raft	, Ite	m N	lo. 2	22			N	/IC- 1	2W										
		S	PROC.	ACCEP. PRIOR	BALANCE DUE		2009			FISC	CAL Y	EAR 2		ENDAR	YEAR	2010						FIS	CAL Y			EAR 201	1			L A
	PROCUREMENT YEAR	R V	QTY	TO 1 OCT 2009	AS OF 1 OCT 2009	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	T E R
	2008	USAF	7	7	0																									0
	2009	USAF	24	22	2	2																						L	<u> </u>	0
	2009 OCOSR	USAF	6	0	6	1	2	3											ļ									└	 	0
	2010 Overseas Contingency Operations	USAF	5	0	5									5																0
TOT	AL				0																									0
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	N U	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 L	A U G	S E P	
					PRODUCT	ION RA	ATES							PRO	CURE	MENT	LEAD	TIME												
ITEN	M/MANUFACTURER'S NAME		LOCATION	ı	MIN SUST	SHIFT HOUF DAYS	RS	M A X								MIN TIME			MFG			TOTAL AFTER								
	ker Beechcraft		Wichita, KS		 	DAYS	1							DD	IOR	AF	TED	ł	TIME			AFTER 1 OCT								
Haw	RCI Decemenant		wichita, KS												CT		CT					1001								
									INITIAL								2			4			6							
									REORD	ER																				
REN	MARKS																													

P-1 Shopping List Item No. 22

Production Schedule Exhibit P-21, page 6 of 6

Exhibit P-40, Budget Item Jus	tification									Date:	February 20)10	
Appropriation (Treasury) Code/CC/BA	VBSA/Item (Control Number						P-1	Line Item No	omenclature			
Aircraft Procurement, A	ir Force	Budget A	ctivity 04	4, Other	Aircraft,	Item No.	. 23	C-	40				
Program Element for Code B Items	s:	N/A			Other Relat	ted Program	Elements:						
						FY 2011	Total						
	ID Code	Prior Years	FY 2009	FY 2010	FY 2011	OCO	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	To Comp	Total
Proc Qty	A		1	3			0						4
Total Proc Cost (\$ M)			87.736	153.552	0.000	0.000	0.000	0.000	0.000	0.000	0.000		241.288

Description

This line item provides funding to purchase 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 purchased two leased C-40s in FY08 when the lease terms expired. The remaining two will be purchased in FY10.

FY 2011 Program Justification

No activity

P-1 Shopping List Item No. 23

Budget Item Justification Exhibit P-40, page 1 of 4

Exhibit P-5, Weapon System Cost Analy	sis									Date: Fel	bruary 20	10	
Appropriation (Treasury) Code/CC/BA/BSA/Item C	ontrol Number							P-1 Line	tem Nomen	clature			
Aircraft Procurement, Air Force,	Budget A	ctivity	04, Othe	r Aircra	ft, Item	No. 23		C-40					
Manufacturer's Name/Plant City/State Location	1			Subline Ite	m								
Boeing Aerospace/Seattle/WA													
Weapon System	Ident					Total	Cost in Mil	lions of D	Oollars				
Cost Elements	Code		FY 2009			FY 2010			FY 2011		F	FY 2011 OCC)
				Total			Total			Total			Total
		Qty	Unit Cost	Cost	Qty	Unit Cost	Cost	Qty	Unit Cost	Cost	Qty	Unit Cost	Cost
Aircraft Purchase	A		87.736	87.736	1	99.552	99.552						
Leased Aircraft Purchase	A				2	27.000	54.000						,
TOTAL PROGRAM				87.736			153.552						
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.

P-1 Shopping List Item No. 23

Weapon System Cost Analysis Exhibit P-5, page 2 of 4

Exhibit P-5A, Procurement Hi	story ar	nd Planning	l						Dat	e: February	y 2010	
Appropriation (Treasury) Code/CC/B	A/BSA/Ite	m Control Nun	nber				P-1	1 Line Ite	m Nomenclatu	ıre		
Aircraft Procurement, A	ir Ford	e, Budge	t Activity	04, Other	· Aircraft,	Item No.	23 C	-40				
Weapon System					Subline Iter	m	<u> </u>					
C-40												
WBS Cost Elements	Qty	Unit Cost	Location of PCO	RFP Issue Date	Contract Method	Contract Type	Contractor and Loc	cation	Award Date	Date of First Delivery	Specs Available Now?	Date Revision Available?
C-40 Purchase	1	99.552	Dayton, OH	Feb-10	SS	FFP	Boeing Aerospace, WA	Seattle,	Apr-10	Dec-12	Yes	
Leased C-40 Purchase	2	27.000	Dayton, OH	Nov-09	SS	FFP	Boeing Aerospace, WA	Seattle,	Dec-09	Dec-09	Yes	
D 1												

Remarks

P-1 Shopping List Item No. 23

Procurement History and Planning Exhibit P-5A, page 3 of 4

Exhibit P-21, Production Sc	hedule																			Di	ate: I	Febru	uary	2010)			
Appropriation (Treasury) Code/CC/	BA/BSA/Item	Control No	umber													Р	-1 Lin	e Iten	n Nom	encla	ature							
Aircraft Procurement,	Air Force	e, Budg	jet Acti	vity	04,	Otl	ner /	4irc	raft	, Ite	m N	lo.	23				C-40											
S		ACCEP. PRIOR	BALANCE DUE		0			F	ISCAL	YEAR		LEND <i>i</i>	AR YEA	AR 1						F		YEAR CALEN		YEAR 2	2			L A
PROCUREMENT YEAR R	PROC. QTY	TO 1 OCT 0	AS OF 1 OCT 0	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	T E R
2009 USAF		1 (1															1										0
TOTAL USAF	·	3 (3			1								1				- 1										1
.01742	•			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	
			PRODUCT MIN SUST	SHIF HOUI	T	M A						PRC	AD	MENT MIN TIME	LEAD	TIME	MEC		-	TOTAL								
ITEM/MANUFACTURER'S NAME	LOCATIO			DAYS	3	Х											MFG TIME			AFTER								
Boeing Aerospace	Seattle, W	A					}						IOR OCT		TER OCT					1 OCT								
							INITIA						5		7			14			14							
REMARKS	•		•				•																					

P-1 Shopping List Item No. 23

Production Schedule Exhibit P-21, page 4 of 4

Exhibit P-40, Budget Item Jus	tification									Date:	February 2	010			
Appropriation (Treasury) Code/CC/BA	A/BSA/Item C	Control Number						P-1	Line Item No	menclature					
Aircraft Procurement, A	ir Force,	Budget A	ctivity 04	4, Other	Aircraft,	Item No.	24	Ci	vil Air Pa	atrol					
Program Element for Code B Items	ID Code														
	ID Code Prior Years FY 2009 FY 2010 FY 2011 OCO FY 2011 FY 2012 FY 2013 FY 2014 FY 2015 To Comp Total														
	ID Code	Prior Years	FY 2009	FY 2010	FY 2011	OCO	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	To Comp	Total		
Proc Qty	A	28					0						28		
Cost (\$ M)		10.427	7.435	6.405	2.424		2.424	2.458	2.503	2.546	2.592		36.790		
Advance Proc Cost (\$ M)		0.000					0.000						0.000		
Weapon System Cost (\$ M)		10.427	7.435	6.405	2.424	0.000	2.424	2.458	2.503	2.546	2.592	0.000	36.790		
Initial Spares (\$ M)		0.000					0.000						0.000		
Total Proc Cost (\$ M)		10.427	7.435	6.405	2.424	0.000	2.424	2.458	2.503	2.546	2.592	0.000	36.790		
Flyaway Unit Cost (\$ M)							0.000								
Wpn Sys Unit Cost (\$ M)							0.000								

Description

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.

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.

This program has no initial spares cost. The weapon system cost, flyaway unit cost, and weapon system unit cost do not apply.

FY 2011 Program Justification

Award the production contract for 6 Cesna 182T's. Four seat fixed-wing single engine aircraft equiped with satellite digital imaging systems, automatic direction finder, emergency locator transmitter, fm radio, camera port window, ground power unit, and appropriate training material.

P-1 Shopping List Item No. 24

Budget Item Justification Exhibit P-40, page 1 of 5

Exhibit P-5, Weapon System Cost Analysis	S									Date: Feb	ruary 201	0	
Appropriation (Treasury) Code/CC/BA/BSA/Item Con	trol Number							P-1 Line	Item Nomen	clature			
Aircraft Procurement, Air Force, B	udget A	ctivity (04, Othe	r Aircraf	t, Item	No. 24		Civil A	Air Patro	l			
Manufacturer's Name/Plant City/State Location				Subline Iter	m			•					
Cessna/Independence, KS Gippsland/Morwell V	ictoria, Aus	stralia											
Blanik/Kunovice, Czech SAGEM SDIS/Grand F	Prairie, TX	or Puyallup	, WA										
BYCA/Chatsworth, CA Becker DF's/Rheinmuer	nster, Germa	any											
Weapon System	Ident					Total	Cost in Mil	lions of Do	ollars				
Cost Elements	Code		FY 2009			FY 2010			FY 2011		F	Y 2011 OC	0
				Total			Total			Total			Total
		Qty	Unit Cost	Cost	Qty	Unit Cost	Cost	Qty	Unit Cost	Cost	Qty	Unit Cost	Cost
Avionics													
Cessna 182T		18	0.421	7.578	13	0.493	6.405	6	0.404	2.424	6		
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				7.435			6.405			2.424			
Airframe Peculiar Ground Support Equipment													
(PGSE)													
Engine PGSE													
Peculiar Training Equipment													
Publications/Technical Data													
ECOs													
Other													
SUPPORT COST SUBTOTAL													
TOTAL PROGRAM				7.435			6.405			2.424			
Comments													
*Note 1: Proceeds are derived from the sale of ol	d aircraft I	AW DoDG	ARS 32.34	(e)									
			P-1 Shop	ping List It	em No. 2	4				Weapo		n Cost An P-5, page	

Exhibit P-5A, Procurement Hist	ory ar	nd Planning							Dat	e: February	2010	
Appropriation (Treasury) Code/CC/BA/I								P-1 Line It	em Nomenclatı	ıre		
Aircraft Procurement, Air	Ford	e, Budge	t Activity	04, Other	Aircraft,	Item No. 24	1	Civil A	ir Patrol			
Weapon System					Subline Iter	n		•				
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 (FY09)			CAP, Inc. 105 S. Hansell St. Bldg. 714 Maxwell AFB, AL 36112-6332	Jan-09	C	Fixed-Price IDIQ Contracts with Prospective Price Redeterminat ion AA			Mar-09	Dec-09	Yes	
CAP Aircraft: Single Engine-Fixed Wing Aircraft (FY10)	13	0.472	CAP, Inc. 105 S. Hansell St. Bldg 714 Maxwell AFB, AL 36112-6332	Jan-10	С	Fixed-Price IDIQ Contracts with Prospective Price Redeterminat ion AA	Cessna Aircraft Wichita, KS	Co.	Feb-10	Dec-10	Yes	
CAP Aircraft: Single Engine-Fixed Wing Aircraft (FY11)	6	0.472	CAP, Inc. 105 S. Hansell St. Bldg 714 Maxwell AFB, AL 36112-6332	Jan-11	C	Option	Cessna Aircraft Wichita, KS	Co.	Feb-11	Dec-11	Yes	
Remarks												
Execution can be accomplished witing Procurement times for Cessna 182T				nents.								
				P-1 Shop	ping List Iter	n No. 24			Prod		listory and bit P-5A, pa	

Exhibit P-21, Production	Schedi	ule																			D	ate: l	Febr	uary	2010				
Appropriation (Treasury) Code/0	CC/BA/B	SA/Item C	ontrol Nu	ımber													Р	-1 Lin	e Iten	n Non	nencla	ature							
Aircraft Procuremen	t, Air	Force,	Budg	et Acti	vity	04 ,	Oth	ner /	Airc	raft	, Ite	m N	lo.	24			C	ivil	Air	Pat	rol								
	S			BALANCE					FIS	CAL Y	EAR 2	009									FIS	SCAL Y	EAR 2	010					L
	E	PROC.	PRIOR	DUE		2008						CALI	ENDAI	R YEAF	2009							C	ALENI	OAR YE	EAR 20	10			Α
PROCUREMENT YEAR	R	OTY	TO	AS OF	0	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	T
	V		1 OCT 2008	1 OCT 2008	С	O	E	A N	E	A	P	A V	U N	U	G	E D	Т	O	E	A N	B	A	P R	A V	U	U	U G	E D	E D
2009 U	ISAF	18	2008	18	1	·		IN	ь	K	K	1	IN	L	U	8	1	·	10	IN	ь	K	K	1	IN	L	U	Г	(
TOTAL	5111	18	0	18		1										8			10										(
					0	N	D	J	F	М	Α	М	J	J	Α	S	0	N	D	J	F	М	Α	М	J	J	Α	S	
					С	0	Е	Α	Е	Α	Р	Α	U	U	U	E	С	0	Е	Α	Е	Α	Р	Α	U	U	U	Ε	
				_	T	V	С	N	В	R	R	Υ	N	L	G	Р	T	V	С	N	В	R	R	Υ	N	L	G	Р	
				PRODUCT									PRC	CURE		LEAD :	TIME												
				MIN	SHIF		M								MIN						TOT41								
ITEM/MANUFACTURER'S NAME		LOCATION		SUST	HOU		A X							LEAL	TIME			MFG			TOTAL AFTEF								
Cessna		Independence		1	DAYS	5	50	ł					DD	IOR	_ ^ E	TER	ł	TIME		I	1 OCT								
Cessiia		maependence	CNO	1	-		30							OCT	10						1 001								
								INITIA	۱L						<u> </u>	4			11			15	1						
					î T			REOR	RDER														1						
REMARKS		-		•			•	•					•				-			•			-						

P-1 Shopping List Item No. 24

Production Schedule Exhibit P-21, page 4 of 5

Exhibit P-21, Production	n Sched	ule																			D	ate:	Febru	uary 2	2010				
Appropriation (Treasury) Code	e/CC/BA/E	SA/Item C	Control Nu	ımber													P-	-1 Lin	e Iten	n Non	nencla	ature							
Aircraft Procureme	nt, Air	Force,	Budg	et Acti	ivity	04,	Oth	ner /	Airc	raft	, Ite	m N	lo. 2	24			C	ivil	Air	Pat	rol								
	S			BALANCE					FIS	CAL Y	EAR 2										FIS		EAR 2						L
	E	PROC.	PRIOR	DUE		2010						CAL	ENDAF	R YEAR	2011	-						С	ALENE	OAR YE	EAR 20	12		_	A
PROCUREMENT YEAR	R	QTY	TO 1 OCT	AS OF 1 OCT	O C	N O	D E	J A	F E	M A	A P	M A	U	U	A U	S E	C	N O	D E	J A	F E	M A	A P	M A	J U	U	A U	S E	T E
	V		2010	2010	T	V	C	N	В	R	R	Y	N	L	G	P	T	V	C	N	В	R	R	Y	N	L	G	P	R
2009	USAF	18	18	0		1								1									1						0
2010	USAF	13	0	13			6			7																			0
2011	USAF	6	0	6															6	0									0
TOTAL		37	18	19			6			7									6	0									0
					0	N O	D E	J	F E	M	A	M	J	J	A	S E	0	N O	D E	J	F	M	A	M	J	J	A	S	
					T	V	C	N	В	R	R	Y	N	li	G	P	T	V	C	N	B	R	R	Y	N	l	G	P	
				PRODUCT	ION R	ATES	Ů	.,					PRO	CURE	MENT	LEAD ⁻	TIME		Ů							_			
				MIN	SHIF	Т	M							AD	MIN														
				SUST	HOU	RS	Α							LEAD	TIME			MFG			TOTAL	_							
ITEM/MANUFACTURER'S NAME		LOCATION			DAYS	3	Х											TIME			AFTEF	3							
Cessna		Independenc	e KS	1			50							OCT	AF1		1	IIIVIL			1 OCT								
								INITIA	L							4			11			15	1						
								REOR	DER														1						
REMARKS					•		•						•		•		•						•						

P-1 Shopping List Item No. 24

Production Schedule Exhibit P-21, page 5 of 5

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Exhibit P-40, Budget Item Jus	tification									Date:	February 20	010	
Appropriation (Treasury) Code/CC/B/	A/BSA/Item C	Control Number						P-1	Line Item No	menclature			
Aircraft Procurement, A	ir Force,	Budget A	ctivity 0	4, Other	Aircraft,	Item No.	. 25	H	H-60M O _I	peration	al Loss F	Replacer	nent
Program Element for Code B Items	s:	N/A			Other Relat	ted Program	Elements:						
						FY 2011	Total						
	ID Code	Prior Years	FY 2009	FY 2010	FY 2011	OCO	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	To Comp	Total
Proc Qty	A			4	3	3	6	5					15
Total Proc Cost (\$ M)			0.000	94.895	104.447	114.000	218.447	204.524	0.000	0.000	0.000		517.866

Description

The primary mission of the HH-60 is to recover isolated personnel, including downed aircrew, from hostile or denied territory. Rescue forces may also conduct other missions inherent in their capabilities to conduct Personnel Recovery (PR), such as Medical Evacuation (MEDEVAC), non-conventional assisted recovery, non-combatant evacuation operations, civil search and rescue, international aid, disaster/humanitarian relief, and insertion/extraction of combat forces.

HH-60 Pave Hawks perform the combat search and rescue mission for the Air Force. These low density, high demand platforms first entered service 30 years ago and have been continuously deployed in support of operations throughout the world. The much needed replacement for the HH-60 was the new Combat Search and Rescue Replacement (CSAR-X) aircraft which was cancelled by the Secretary of Defense.

The purpose of this program is to initiate and support the acquisition of CSAR Operational Loss Replacement (OLR) helicopters to replace HH-60Gs lost through attrition.

The HH-60 will provide USAF Combat Rescue forces with a vertical take-off and landing aircraft that is deployable and capable of main base and austere location operations for worldwide Search and Rescue and Joint PR missions. On-board weapons and defensive capabilities will permit the HH-60 to operate in an increased threat environment. An in-flight refueling system will provide an airborne alert capability and extend its combat mission range.

The acquisition strategy is to procure UH-60M aircraft from the Army and then procure modifications to bring the UH-60M aircraft to an acceptable configuration that is closer to the fielded HH-60G configuration. Modifications include but are not limited to; external guns, external hoist, refueling probe, avionics suite, communications suite, and defensive suites required for the HH-60 mission. Non-recurring engineering will be required for pre-production activities once the configuration is set.

FY10 Procurement of \$95.2M was included in the FY10 Defense Appropriations Act and signed into law on 19 Dec 09. The program office will utilize \$67.8M of the appropriation to procure four (4) Army UH-60M aircraft. The remaining \$27.0M will be utilized to begin efforts to modify these aircraft with necessary CSAR mission modifications.

This program has limited FY10 Research Development Test and Evaluation (RDT&E) funding in PE 0605277F.

FY 2011 Program Justification

The acquisition strategy is to procure UH-60M aircraft from the Army and then procure modifications to bring the UH-60M aircraft to a configuration that is closer to the fielded HH-60G configuration. Modifications include but are not limited to; external guns, external hoist, refueling probe, avionics suite, communications suite, and defensive suites required for the HH-60 mission. Non-recurring engineering will be required for pre-production activities once the configuration is set.

The FY11 program dollars are to continue the Operational Loss Replacement Program started in FY10. In FY11, the Air Force will need \$51.7M appropriated in Aircraft Procurement in order to procure and equip three (3) additional operational loss replacement aircraft. The Air Force intends to utilize \$49.8M in Aircraft

P-1 Shopping List Item No. 25

Budget Item Justification Exhibit P-40, page 1 of 7

Exhibit P-40, Budget Item Justification	Date: February 2010
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. 25	HH-60M Operational Loss Replacement
FY 2011 Program Justification	•
Modifications to buy modification kits, fund trainers, data, non-recurring engineering, test, SE/PM, and other government costs. Will be utilized to fund our initial spares.	The remaining FY11 dollars of \$2.9M
There is also an FY11 Overseas Contingency Operations (OCO) funding request of \$114M for three (3) additional UH-60M aircr	aft.
P-1 Shopping List Item No. 25	Budget Item Justification
5	Exhibit P-40, page 2 of 7

Exhibit P-5, Weapon System Cost An	ibit P-5, Weapon System Cost Analysis												
Appropriation (Treasury) Code/CC/BA/BSA/Ite	m Control Number							P-1 Line	Item Nomer	clature			
Aircraft Procurement, Air Ford	ce, Budget A	ctivity	04, Othe	r Aircra	ft, Item	No. 25		HH-6	0M Oper	ational	Loss R	eplaceme	ent
Manufacturer's Name/Plant City/State Loca	tion			Subline Ite	em								
Weapon System	Ident				1		Cost in Mil	lions of D					
Cost Elements	Code		FY 2009			FY 2010			FY 2011		F	Y 2011 OCC	
		04	I I :4 C4	Total	04	I I:4 C4	Total	04	I I:4 C4	Total	04	I I:4 C4	Total
IIII COM Dua account		Qty	Unit Cost	Cost	Qty	Unit Cost	Cost	Qty	Unit Cost	Cost	Qty	Unit Cost	Cost
UH-60M Procurement					4	16.974	67.895	3	17.233	51.700	3	17.233	51.700
FLYAWAY COST SUBTOTAL							67.895			51.700		\longrightarrow	51.700
							07.893			31.700		 	31.700
Test SE/PM												+	
Support Equipment												 	
Production Spares										2.900		 	1.800
RSP Kits										2.700			1.000
Initial Contractor Support												+	
Mission Critical Modifications							27.000			49.847			60.500
TVIISSION CITICAL IVIOAITEATIONS							27.000			12.017		+	00.500
SUPPORT COST SUBTOTAL							27.000			52.747		 	62.300
TOTAL PROGRAM							94.895			104.447		 	114.000
Comments													
The estimates and schedules are notional an	nd will be firmed u	ip when t	he acquisitio	n strategy i	s finalized	and the resu	lts of the tra	ade studie	s are comple	ted to dete	rmine the	selection of	
the final modification configuration.		1	1	8,					r				
5													
			P-1 Shor	oping List	tem No. 2	25				Weap		m Cost An	
											Exhibit	P-5, page	3 of 7

Exhibit P-5A, Procurement His	tory ar	nd Planning		Date: February 2010														
Appropriation (Treasury) Code/CC/BA	/BSA/Ite	m Control Num	nber					P-1 Line Item Nomenclature										
Aircraft Procurement, Ai	r Ford	e, Budge	t Activity	04, Other	Aircraft,	Item No. 2	25	HH-60N	/I Operation	onal Loss	Replace	ment						
Weapon System					Subline Iter	n												
HH-60																		
										Date of	Specs	Date						
			Location of	RFP Issue	Contract	Contract				First	Available	Revision						
WBS Cost Elements	Qty	Unit Cost	PCO	Date	Method	Type	Contractor and l	Location	Award Date	Delivery	Now?	Available?						
UH60 FY10	4	16.974	WPAFB		MIPR	Army	Sikorsky, Stratfe	ord CT	Jan-10	Apr-11	Yes							
UH-60 FY11	6	17.233	WPAFB		MIPR	Army	Sikorsky		Jan-11	Jan-13								
		-	·			·	·		·	·	· · · · · · · · · · · · · · · · · · ·							

Remarks

The acquisition strategy is to procure HH-60G Operational Loss Replacement (OLR) aircraft based upon currently fielded CSAR capabilities. This will be done by procuring UH-60Ms
as the baseline aircraft from the Army and modifying them to the fielded capabilities of a HH-60G configuration. The results of trade studies will determine selection of the final
modification configuration.

P-1 Shopping List Item No. 25

Procurement History and Planning Exhibit P-5A, page 4 of 7

Exhibit P-21, Production Sched	•																Date: February 2010											
Appropriation (Treasury) Code/CC/BA/B	SA/Item (Control Nu	ımber													P.	-1 Lin	e Iten	n Non	nencla	ature							
Aircraft Procurement, Air	Force	, Budg	et Acti	vity	04,	Oth	ner A	4irc	raft	, Ite	m N	lo. 2	25			Н	IH-6	MO	Ope	erat	ion	al L	oss	Re	olac	eme	ent	
s		ACCEP. PRIOR	BALANCE DUE		2009			FIS	CAL Y	EAR 20		NDAR	R YEAR	2010						FIS	SCAL Y	'EAR 2 ALENI		EAR 20	11			L
PROCUREMENT YEAR E R V	PROC. QTY	TO 1 OCT 2009	AS OF 1 OCT 2009	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	T E R
2010 USAF	4	0	4																			1	1	1	1			0
2011 USAF	3	0	3																									3
2011 OCO USAF	3	0	3		<u> </u>																							3
USAF USAF	5 15	0	15																			1	1	1	1			11
			•	0 C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J 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	J L	A U G	S E P	
			PRODUCT	ION R	ATES		•					PRO	CURE	MENT	LEAD T	IME				•								
			MIN SUST	SHIF HOU		M A							AD LEAD				MFG			TOTAL	_							
	LOCATION			DAYS	3	Χ											TIME			AFTEF								
Sikorsky	Stratford CT				PRIOR AFTE												1 OCT											
							INITIA	L							3			14			17	1						
							REOR	DER							3			24			27							
REMARKS																												

P-1 Shopping List Item No. 25

Production Schedule Exhibit P-21, page 5 of 7

Exhibit P-21, Production Scheo																	Date: February 2010											
Appropriation (Treasury) Code/CC/BA/I	3SA/Item (Control Nu	ımber													P.	-1 Lin	e Iten	n Nom	nencla	ature							
Aircraft Procurement, Air	Force	, Budg	et Acti	ivity	04,	Oth	ner A	\irc	raft	, Ite	m N	lo. 2	25			Н	IH-6	MO	Оре	erat	ion	al L	oss	Rej	olac	eme	ent	
S	PD C C	ACCEP. PRIOR	BALANCE DUE		2011			FIS	CAL Y	EAR 20		ENDAR	R YEAR	2012						FIS		EAR 2	013 DAR YI	EAR 20	13			L A
PROCUREMENT YEAR R V	PROC. QTY	TO 1 OCT 2011	AS OF 1 OCT 2011	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	T E R
2010 USAF	4	4	0		Ė		-11				-			Ť	-				-11				-	- 1		Ü	-	0
2011 USAF	3	0	3																3									0
2011 OCO USAF	3	0	3																		3							0
2012 USAF	5	0	5																									5
TOTAL	15	4	11																3		3		<u> </u>					5
				C T	0 V	D E C	J A N	F E B	M A R	A P R	M A Y	U N	U L	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	N N	U L	U G	S E P	
			PRODUC1	ION R	ATES	_						PRO	CURE	MENT	LEAD 1	IME												
ITEM/MANUEA OTUDEDIO NAME	LOGATION		MIN SUST	SHIF	RS	M A								MIN TIME			MFG			TOTAL								
ITEM/MANUFACTURER'S NAME	LOCATION		-	DAYS)	Х						DD	IOR	AFT	TED.		TIME			AFTER 1 OCT								
Sikorsky	Stratford C	ı	1	+-									OCT	1 C						1001								
	1			1			INITIAL	L				<u> </u>		T	3			14			17	1						
							REORI								3			24			27	1						
REMARKS	-		•																									

P-1 Shopping List Item No. 25

Production Schedule Exhibit P-21, page 6 of 7

Exhibit P-21, Production	P-21, Production Schedule																Date: February 2010												
Appropriation (Treasury) Code	e/CC/BA/E	SA/Item C	Control Nu	ımber													P-	-1 Lin	e Item	n Nom	nencla	ature							
Aircraft Procureme	nt, Air	Force,	Budg	et Act	ivity	04,	Oth	ner /	Airc	raft	, Ite	m N	lo. 2	25			Н	IH-6	0M	Ope	erat	ion	al L	oss	Rep	olac	eme	ent	
	S	PROC.	ACCEP. PRIOR	BALANCE DUE		2013			FIS	CAL Y	EAR 2		ENDAR	R YEAR	2014						FIS		EAR 2 ALENI	015 DAR YE	EAR 20	15			L A
PROCUREMENT YEAR	R V	QTY	TO 1 OCT 2013	AS OF 1 OCT 2013	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A V	J U N	J U I	A U G	S E P	T E
2010	USAF	4	4	0	1	,		14	Б	IX	IX	1	11	L	-	1	1	•		11	Ь	IX	IX	1	11	L	0	1	0
2011	USAF	3	3	0																									0
2011 OCO	USAF	3	3	0																									0
2012	USAF	5	0	5					5																				0
TOTAL		15	10	5					5																				0
					O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	U U	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	U U	U L	A U G	S E P	
				PRODUC1	ION R	ATES							PRO	CURE	MENT	LEAD T	IME	1		•						•			
				MIN SUST	SHIF HOU		M A							AD LEAD	MIN TIME			MFG			TOTAL								
ITEM/MANUFACTURER'S NAME		LOCATION			DAYS	3	Х											TIME			AFTER								
Sikorsky		Stratford CT	,										PR 1 C	IOR OCT	AFT 1 C			IIIVIL			1 OCT								
								INITIA REOR								3			14 24			17]						
REMARKS		1		L				INCON	DLIN							3			24	l		21							

P-1 Shopping List Item No. 25

Production Schedule Exhibit P-21, page 7 of 7

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Exhibit P-40, Budget Item Just	tification			Date: February 2010									
Appropriation (Treasury) Code/CC/BA	/BSA/Item C	ontrol Number						P-1	Line Item No	omenclature			
Aircraft Procurement, Ai	r Force,	Budget A	R/	AVEN									
Program Element for Code B Items	:	N/A			Other Relat	ed Program	Elements:						
						FY 2011	Total						
	ID Code Prior Years FY 2009 FY 2							FY 2012	FY 2013	FY 2014	FY 2015	To Comp	Total
Proc Qty	A						0						0
Total Proc Cost (\$ M)			0.000	0.000	0.000	9.380	9.380	0.000	0.000	0.000	0.000		9.380

Description

The Raven B system, an enhanced version of the battle proven Raven A system, is a lightweight solution designed for rapid deployment and high mobility for both military and commercial applications, requiring low-altitude surveillance and reconnaissance intelligence.

The most advanced small Unmanned Aircraft System (SUAS) deployed with the U.S. Armed Forces, the Raven can be operated manually or programmed for autonomous operation, utilizing the system's advanced avionics and precise GPS navigation.

With a wingspan of 4.5 feet and a weight of 4.2 pounds, the hand-launched Raven provides aerial observation, day or night, at line-of-sight ranges up to 10 kilometers. The Raven delivers real-time color or infrared imagery to the ground control and remote viewing stations.

FY 2011 Program Justification

The FY11 budget procures 50 Raven As for Overseas Contingency Operations.

P-1 Shopping List Item No. 26

Budget Item Justification Exhibit P-40, page 1 of 5

Exhibit P-5, Weapon System Cost Analysi		Date: February 2010											
Appropriation (Treasury) Code/CC/BA/BSA/Item Con	trol Number							P-1 Lin	e Item Nomer	nclature			
Aircraft Procurement, Air Force, B	udget A	ctivity	04, Othe	r Aircra	ft, Item	No. 26		RAV	EN				
Manufacturer's Name/Plant City/State Location				Subline Ite	em			•					
Weapon System	Ident				•		Cost in M	illions of I					
Cost Elements	Code		FY 2009			FY 2010			FY 2011			FY 2011 OC	
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
RQ-11 SUAS													9.380
Avionics													
Armament													
Software													
Other Government Furnished Equipment (GFE)													
Engineering Change Orders (ECO)													
Nonrecurring Costs													
Other Costs													
FLYAWAY COST SUBTOTAL													9.380
Airframe Peculiar Ground Support Equipment													
(PGSE)													
Engine PGSE													
Peculiar Training Equipment													
Publications/Technical Data													
ECOs													
Other													
SUPPORT COST SUBTOTAL													
TOTAL PROGRAM													9.380
Comments			•					•					
			P-1 Shor	oping List	tem No.	26				Weap		em Cost An	

					UNCLA	SSIFIED						
Exhibit P-5A, Procurement His	tory ar	nd Planning							Dat	e: Februar	y 2010	
Appropriation (Treasury) Code/CC/BA/	BSA/Ite	m Control Num	nber					P-1 Line Ite	em Nomenclatu	ire		
Aircraft Procurement, Air	Ford	e, Budge	t Activity	04, Other	Aircraft,	Item No. 2	26	RAVEN	I			
Weapon System					Subline Iter	m						
RQ-11	_											
WBS Cost Elements	Qty		Location of PCO	RFP Issue Date	Contract Method	Contract Type	Contractor and 1	Location	Award Date	Date of First Delivery	Specs Available Now?	Date Revision Available?
	(-)					-51					1	
RQ-11 SUAS	50		Hanscom AFB		D.O.	FFP/With Options	AeroVironment Monrovia, CA	,	Nov-10	Oct-11	No	Sep-10
Remarks												

P-1 Shopping List Item No. 26

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

Exl	hibit P-21, Production	n Sched	ule																			D	ate: l	Febr	uary	2010	j			
App	propriation (Treasury) Code	e/CC/BA/E	3SA/Item C	ontrol Nu	ımber													Р	-1 Lin	e Iten	n Non	nencla	ature							
Aiı	rcraft Procureme	nt, Air	Force,	Budg	et Acti	ivity	04,	Oth	ner A	Airc	raft	, Ite	m N	lo. 2	26			F	RAV	EΝ										
		S		ACCEP.	BALANCE					FIS	CAL Y	EAR 2	010									FIS	SCAL Y	EAR 2	011					L
		F	PROC.	PRIOR	DUE		2009						CALI	ENDAF	R YEAR	R 2010							C	ALENI	OAR YE	EAR 20	11			Α
	PROCUREMENT YEAR	R	QTY	TO 1 OCT	AS OF 1 OCT	O	N O	D E	J A	F E	M A	A P	M A	J U	J U	A U	S E	O C	N O	D E	J A	F E	M A	A P	M A	J U	J U	A U	S E	T E
		V		2009	2009	T	V	C	N	В	R	R	Y	N	L	G	P	T	V	C	N	В	R	R	Y	N	L	G	P	R
	2011	USAF	50		50										1	1				1						1	1			50
TOT	AL		50		50																									50
						O C	N O	D E	J A	F E	M A	A P	M A	J	J	A U	S E	O C	N O	D E	J A	F E	M A	A P	M A	J	J	A U	S E	
						T	V	С	N	В	R	R	Υ	N	L	G	Р	Т	V	С	N	В	R	R	Υ	N	L	G	Р	
					PRODUCT									PRO			LEAD .	TIME												
					MIN SUST	SHIF HOU	RS	M A								MIN TIME			MFG			TOTAL								
	M/MANUFACTURER'S NAME		LOCATION	_	<u> </u>	DAYS	3	Χ											TIME			AFTER								
Aero	Vironment		Monrovia, C	A	1			50							OCT	1 C	TER OCT					1 OCT								
									INITIA								2			11			13]						
DEM	MARKS								REOF	KUEK																				
\LIV	IIAINO																													

P-1 Shopping List Item No. 26

Production Schedule Exhibit P-21, page 4 of 5

hibit P-21, Production	n Sched	ule																			D	ate: I	-ebrı	uary	2010				
propriation (Treasury) Code	e/CC/BA/E	3SA/Item C	Control Nu	ımber													Р	-1 Lir	ne Iten	n Non	nencla	ature							
rcraft Procureme	nt, Air	Force,	Budg	et Acti	ivity	/ 04 ,	Otl	ner .	Airc	raft	, Ite	m N	lo.	26			F	RAV	ΈN										
	ç		ACCEP.	BALANCE					FIS	CAL Y	EAR 2	2012									FIS	SCAL Y	EAR 2	013					L
	F	PROC	PRIOR	DUE		2011						CAL	ENDAI	R YEAI	R 2012							C.	ALENE	AR YE	EAR 20	13			A
PROCUREMENT YEAR	R	QTY	TO 1 OCT	AS OF	O C	N O	D E	J A	F E	M A	A P	M A	J U	J	A	S	O C	N O	D E	J A	F E	M	A P	M A	J	J	A	S E	T E
	V		2011		T	v	C	N	В	R	R	Y	N	L	G	P	T	V	C	N	В	R	R	Y	N	L	G	P	R
2011	USAF	50				1 4	4	4	4	4	4	4	4	4	. 5	5													(
AL		50		50	4	1 4	4	4	4	4	4	4	4	4	5	5													(
					0	N O	D E	J A	F	M A	A P	M A	J	J	A U	S	0	N O	D E	J A	F E	M A	A P	M A	J	J	A U	S E	
					T	V	С	N	В	R	R	Υ	N	Ĺ	G	P	T	V	С	N	В	R	R	Υ	N	Ĺ	G	P	
				PRODUC1	ION F	RATES							PRC	CURE	MENT	LEAD	TIME												
				MIN	SHIF	T	M							AD	MIN														
				SUST	HOU	RS	Α							LEAD	TIME			MEG			TOTAL	_							
M/MANUFACTURER'S NAME		LOCATION			DAY	S	Х																						
Vironment		Monrovia, C	A	1			50	-										1 11VIL			1 OCT								
								INITIA	۸L							2			11	1		13	1						
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MARKS		•		-			•								•					•			•						
	PROCUREMENT YEAR 2011 AL WMANUFACTURER'S NAME Vironment	repriation (Treasury) Code/CC/BA/E recraft Procurement, Air PROCUREMENT YEAR PROCUREMENT YEAR R V 2011 USAF AL WMANUFACTURER'S NAME Vironment	PROCUREMENT YEAR PROCUR	ropriation (Treasury) Code/CC/BA/BSA/Item Control Nurcraft Procurement, Air Force, Budg S PROCUREMENT YEAR E PROC. QTY TO 1 OCT 2011 2011 USAF 50 AL 50 MMANUFACTURER'S NAME LOCATION Wironment LOCATION	ropriation (Treasury) Code/CC/BA/BSA/Item Control Number recraft Procurement, Air Force, Budget Action S PROCUREMENT YEAR S PROC. PRIOR DUE AS OF 1 OCT 1 OCT 2011 2011 2011 USAF 50 50 AL S PROCUREMENT YEAR R PROC. PRIOR AS OF 1 OCT 2011 2011 2011 USAF 50 50 MMANUFACTURER'S NAME LOCATION Wironment Monrovia, CA 1	ropriation (Treasury) Code/CC/BA/BSA/Item Control Number recraft Procurement, Air Force, Budget Activity S PROCUREMENT YEAR R PROCUREMENT YEAR R QTY V 2011 TO AS OF 1 OCT 2011 TO CT 2011	PROCUREMENT YEAR S	PROCUREMENT YEAR	PROCUREMENT YEAR S	PROCUREMENT YEAR S	PROCUREMENT YEAR S PROC. PRIOR V PRIOR PRODUCTION PRODUCTION RATES PROD	PROCUREMENT YEAR	PROCUREMENT YEAR R	PROCUREMENT YEAR R	PROCUREMENT YEAR	PROCUREMENT YEAR R	PROCUREMENT YEAR PROCUREMENT YEAR 2012 PROCUREMENT YEAR 2011 PROCUREMENT YEAR 2011 PROCUREMENT YEAR 2011 PROCUREMENT YEAR 2011 PROCUREMENT YEAR 2011 PROCUREMENT YEAR 2011 PROCUREMENT YEAR 2011 PROCUREMENT YEAR 2011 PROCUREMENT YEAR 2012 PROCUREMENT YEAR 2012 PROCUREMENT YEAR 2011 PROCUREMENT YEAR 2012 PROCUREMENT YEAR 2	Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 26 From the procurement P	P-1 Ling	P-1 Line Iter recraft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 26 PROCUREMENT YEAR S	P-1 Line Item Non P-1	P-1 Line Item Nomencle RAVEN PROCUREMENT YEAR	P-1 Line Item Nomenclature regretation (Treasury) Code/CC/BA/BSA/Item Control Number Parcental Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 26	P-1 Line Item Nomenclature P-1 Line Item	P-1 Line tem Nomenclature Temple Temple Temple Temple Temple Temple Temple	P-1 Line Item Nomenclature P-1 Line Item Nomenclature	P-1 Line Item Nomenclature RAVEN PROCUREMENT YEAR PROCUREMENT YEAR PROCUREMENT YEAR SOLVEN SUTT SOLVE SUTT S	P-1 Line	P-1 Line Item Nomenclature P-1 Line Item Nomenclature P-1 Line Item Nomenclature

P-1 Shopping List Item No. 26

Production Schedule Exhibit P-21, page 5 of 5

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Exhibit P-40, Budget Item Jus	tification									Date: I	February 20	010	
Appropriation (Treasury) Code/CC/B/	A/BSA/Item 0	Control Number						P-1	Line Item No	omenclature			
Aircraft Procurement, A	ir Force,	Budget A	ctivity 04	4, Other	Aircraft,	Item No.	. 27	S	TUASL0				
Program Element for Code B Items	s:	N/A			Other Relat	ted Program	Elements:						
						FY 2011	Total						
	ID Code	Prior Years	FY 2009	FY 2010	FY 2011	OCO	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	To Comp	Total
Proc Qty	A						0						0
Total Proc Cost (\$ M)			0.000	3.608	3.253	0.000	3.253	0.000	0.000	0.000	0.000		6.861

Description

NON-LINE OF SIGHT (X-LOS) TARGETING SYSTEM CAPABILITY IS PROVIDED BY WASP: Wasp is an expendable Small Unmanned Aircraft System (SUAS) that can operate covertly to navigate, sense, map, reconnoiter, and identify points of interest in both permissive and non-permissive environments. Wasp allows Battlefield Airmen to rapidly adapt to the dynamic war fighting environment of the Overseas Contingency Operations (OCO). The system provides increased situational awareness in a combat environment, enables ground-based Battlefield Airmen to find and track time-critical targets, and provide bomb damage assessment and force protection for forward-deployed troops. FY11 funds will be used to procure Wasp SUASs that will increase Battlefield Airmen combat capability.

FY 2011 Program Justification

NON-LINE OF SIGHT (X-LOS) TARGETING SYSTEM CAPABILITY IS PROVIDED BY WASP: Wasp is an expendable Small Unmanned Aircraft System (SUAS) that can operate covertly to navigate, sense, map, reconnoiter, and identify points of interest in both permissive and non-permissive environments. Wasp allows Battlefield Airmen to rapidly adapt to the dynamic war fighting environment of the Overseas Contingency Operations (OCO). The system provides increased situational awareness in a combat environment, enables ground-based Battlefield Airmen to find and track time-critical targets, and provide bomb damage assessment and force protection for forward-deployed troops. FY11 funds will be used to procure Wasp SUASs that will increase Battlefield Airmen combat capability, ongoing development and upgrade intitives.

P-1 Shopping List Item No. 27

Budget Item Justification Exhibit P-40, page 1 of 4

Exhibit P-40A, Budget Item Justification	າ for Aggre	gated Items	S						Date: I	February 20)10	
Appropriation (Treasury) Code/CC/BA/BSA/Item (Control Number	er					P-	Line Item N	omenclature		,	
Aircraft Procurement, Air Force,	Budget	Activity (04, Other	Aircraft,	Item No	. 27	S	TUASL0				
						FY 2011						
Procurement Items (\$M)	ID Code	Prior Years	FY 2009	FY 2010	FY 2011	<u>OCO</u>	FY 2012	FY 2013	FY 2014	FY 2015	To Comp	<u>Total</u>
Unit Cost	A			3.608	3.253		0.000	0.000	0.000	0.000		6.861
Quantity	A			33	33		0	0	0	0		66
Total Adjustments		0.000	0.000	3.608	3.253	0.000	0.000	0.000	0.000	0.000	0.000	6.861
Quantity Total		0	0	33	33	0	0	0	0	0	0	66
		•	•						•			

Remarks

P-1 Shopping List Item No. 27

Budget Item Justification for Aggregated Items Exhibit P-40A, page 2 of 4

Exhibit P-5A, Procuremen	it mistory ai	na Piannin	9						Dat	.e. rebiuary	2010	
Appropriation (Treasury) Code/0	CC/BA/BSA/Ite	m Control Nu	mber					P-1 Line It	em Nomenclatu	ıre		
Aircraft Procurement	t, Air Ford	ce, Budg	et Activity	04, Other	Aircraft,	Item No.	27	STUAS	SLO			
Weapon System					Subline Iter	n						
WASP												
										Date of	Specs	Date
			Location of	RFP Issue	Contract	Contract				First	Available	Revision
WBS Cost Elements	Qty	Unit Cost	PCO	Date	Method	Type	Contractor and	Location	Award Date	Delivery	Now?	Available?
Wasp (FY11)	33	3	AFMC/ASC		OPT	FFP	AeroVironment		Nov-10	Jan-11	Yes	
Wasp (FY10)	33	8	AFMC/ASC		OPT	FFP	AeroVironment	, Simi	Feb-10	Mar-10	Yes	
							Valley, CA					
Remarks												

Unit cost is an average based on different types/configurations being procured.

Will reach Full Operational Capability (FOC) in FY11.

P-1 Shopping List Item No. 27

Procurement History and Planning Exhibit P-5A, page 3 of 4

Exhibit P-21, Productio	n Sched	ule																			D	ate: l	Febru	uary	2010)			
Appropriation (Treasury) Cod	e/CC/BA/E	3SA/Item C	ontrol Nu	ımber													P.	-1 Lin	e Iten	n Non	nencla	ature							
Aircraft Procureme	nt, Air	Force,	Budg	et Acti	vity	04,	Oth	ner /	4irc	raft	, Ite	m N	lo.	27			S	TU	ASL	.0									
	S			BALANCE					FIS	CAL Y	EAR 2										FIS	SCAL Y							L
	F	PROC.	PRIOR	DUE		2009						CALI	ENDAI	R YEAR	2010							C.	ALENE	AR YI	EAR 20	11			Α
PROCUREMENT YEAR	R	QTY	TO 1 OCT	AS OF 1 OCT	O C	N O	D	J	F E	M	A	M	J	J	A	S	0	N O	D E	J	F	M	A	M	J	J	A	S	T
	V		2009	2009	T	V	C	N	В	R	R	Y	N	L	G	P	T	V	C	N	В	R	R	Y	N	L	G	P	R
2010	USAF	33	0	33						20		13																	(
2011	USAF	33	0	33																	20		13						C
TOTAL		66	0	66						20		13									20		13						0
					0	N	D	J	F	M	Α	М	J	J	Α	S	0	N	D	J	F	M	Α	M	J	J	Α	S	
					С	0	Е	Α	Е	Α	Р	Α	U	U	U	E	С	0	Е	Α	Е	Α	Р	Α	U	U	U	Е	
					Т	V	С	N	В	R	R	Υ	Ν	L	G	Р	Т	V	С	N	В	R	R	Υ	N	L	G	Р	
				PRODUCT	ION R	ATES							PRC	CURE	MENT	LEAD 7	ГІМЕ												
				MIN	SHIF	Г	M							AD	MIN														
				SUST	HOU	RS	Α							LEAD	TIME			MFG			TOTAL	L							
ITEM/MANUFACTURER'S NAME		LOCATION			DAYS	3	Х											TIME			AFTEF	₹							
AeroVironment		Simi Valley,	California	20	8		200							RIOR	AF1			IIIVIL			1 OCT	-							
								INITIA	1				- 1 (0	10	2			3			1	1						
				 			-	REOR					\vdash	0			-					1	1						
REMARKS		L						1	DEIX											1									
CLIVII II II II																													

P-1 Shopping List Item No. 27

Production Schedule Exhibit P-21, page 4 of 4

Exhibit P-40, Budget Item Just	stification									Date:	February 20	010	
Appropriation (Treasury) Code/CC/B	A/BSA/Item (Control Number						P-1	Line Item No	menclature			
Aircraft Procurement, A	ir Force	, Budget A	ctivity 04	4, Other	Aircraft,	Item No.	. 28	Ta	rget Dro	nes			
Program Element for Code B Item	ns:	N/A			Other Rela	ted Program	Elements:	•					
						FY 2011	Total						
	ID Code	Prior Years	FY 2009	FY 2010	FY 2011	OCO	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	To Comp	Total
Proc Qty	A						0						0
Cost (\$ M)		N/A	70.364	74.473	85.505		85.505	65.687	165.940	189.533	266.442		N/A
Advance Proc Cost (\$ M)							0.000						0.000
Weapon System Cost (\$ M)		N/A	70.364	74.473	85.505	0.000	85.505	65.687	165.940	189.533	266.442	0.000	N/A
Initial Spares (\$ M)		N/A					0.000						N/A
Total Proc Cost (\$ M)		N/A	70.364	74.473	85.505	0.000	85.505	65.687	165.940	189.533	266.442	0.000	N/A
Flyaway Unit Cost (\$ M)							0.000						
Wpn Sys Unit Cost (\$ M)							0.000						

Description

Full-scale and subscale targets assure warfighters weapon systems will perform effectively against real-world enemy fighters and cruise missiles. Aerial targets provide 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 essential for development testing/operational testing for all air-to-air and surface-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 offensive counter-air systems (air-to-air and surface-to-air) capable of defeating changing enemy airborne threats. This program provides funds for the procurement of subscale target drones (BQM-167 Air Force Subscale Aerial Target--AFSAT), full-scale aerial targets (QF-4), the follow-on full-scale aerial target (QF-16), and includes procurement of prepositioned Government Furnished Property and Support Equipment. 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.

Note: QF-16 planned contract award scheduled for Mar-10; production funding in FY11-12 required for prepositioned Government Furnished Property.

FY 2011 Program Justification

FY11 funds continue procurement and engineering changes for full-scale and subscale aerial targets required for development and operational testing requirements. Full-scale and subscale aerial targets support the AIM-120 and AIM-9 test programs, for the F-22A and F-35 aircraft test programs, and upgrades for the Operational Flight Programs (OFP) for the F-16/F-15 aircraft. Funding required to ensure availability of full-scale targets during transition from QF-4 to QF-16 and begin procurement of pre-positioned Government Furnished Property required for the follow-on full-scale QF-16 program.

P-1 Shopping List Item No. 28

Budget Item Justification Exhibit P-40, page 1 of 11

Exhibit P-5, Weapon System Cost Analys										Date: Feb	ruary 20	10	
Appropriation (Treasury) Code/CC/BA/BSA/Item Cor Aircraft Procurement, Air Force, E		ctivity (04, Othe	r Aircraf	t, Item	No. 28			Item Nomen t Drones				
Manufacturer's Name/Plant City/State Location				Subline Ite	m								
Weapon System	Ident					Total	Cost in Mil	llions of D	ollars				
Cost Elements	Code		FY 2009			FY 2010			FY 2011			FY 2011 OC	Э
		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		10	1.496	14.962	9	1.761	15.845	9	1.784	16.055			
F-4 In Plant Repairs		10	0.094	0.940	9	0.046	0.416	9	0.048	0.435			
Edwards AFB Backshop and MILSTRIP Support		10	0.024	0.235	9	0.057	0.517	9	0.057	0.517			
Aircraft Withdrawal/Aerospace Maintenance													
and Regeneration Group (AMARG)													
Restricted-Unmanned		5	1.300	6.500	3	1.219	3.658	9	1.275	11.472			,
Unrestricted - Manned		5	1.400	7.000	6	1.322	7.929						
TOTAL RECURRING FLYAWAY COST				29.637			28.365			28.479			,
Engineering Change Orders/Engineering Change Proposals				0.186			3.717						
TOTAL NON-RECURRING FLYAWAY COST				0.186			3.717						
FSAT Program Life Extension				1.963			1.900			2.000			
Productionization of new F-4 Models													,
Data/Tech Manuals				0.413			0.490						
OTHER PRODUCTION COSTS				2.376			2.390			2.000			
Government Support				1.858			3.645			2.194			
PROGRAM SUPPORT COSTS				1.858			3.645			2.194			
AIR FORCE SUBSCALE AERIAL TARGET													
Production Article		40	0.830	33.203	34	0.856	29.112	42	0.854	35.880		+	
ECP/ECO				1.624			5.285			4.447		+	
Data/Tech Manuals/Training	†			0.352			0.338			0.250		+	
Peculiar Support Equipment				0.453			0.426			0.500		†	
FLYAWAY COSTS				35.632			35.161			41.077		†	
Government Support				0.675			1.195			0.725		1	
SUPPORT COST SUBTOTAL				0.675			1.195			0.725			
			P-1 Shop	pping List It	em No. 2	8				-	-	em Cost Ana P-5, page 2	-

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Exhibit P-5, Weapon System Cost Analysi	S									Date: Feb	ruary 20	10	
Appropriation (Treasury) Code/CC/BA/BSA/Item Con								P-1 Line	e Item Nomen	clature			
Aircraft Procurement, Air Force, B	udget A	ctivity	04, Othe	r Aircraf	ft, Item	No. 28		Targ	et Drones	S			
Manufacturer's Name/Plant City/State Location				Subline Ite	m								
Weapon System	Ident						Cost in Mi	llions of I					
Cost Elements	Code		FY 2009			FY 2010			FY 2011		I	FY 2011 OC	
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
QF-16 FOLLOW-ON FULLSCALE TARGET	1												
Recurring Engineering Hardware													
Government Furnished Equipment													
Prepositioned GFP										11.030			
GFE Out-of-Warranty Repair										11.030			
AMARG Aircraft Withdrawal													
Manned Aircraft													
Unmanned Aircraft													
Engine Refurbishment												+	
OC-ALC (Manned Engines)													
AMARG (Unmanned Engines)												+ +	
Recently Retired Engines													
RECURRING FLYAWAY COSTS										11.030			
Engineering Change Orders/Engineering													
Change Proposals													
NONRECURRING FLYAWAY COSTS													
Data/Technical Manuals													
Special Tooling/Special Test Equipment													
Peculiar Support Equipment													
Special Program Requirements													
OTHER PRODUCTION COSTS													
Government Support													
PROGRAM SUPPORT COSTS													
TOTAL PROGRAM				70.364			74.473			85.505			
Comments													
			D 1 Char	oping List I	tom No	28				Maar	on Systa	m Cost An	alveia
			1 -1 3110	philia rist i	CIII INU.	20				weap		P-5, page 3	

Exhibit P-5A, Procurement his	story ar	iu Fianining							Dat	e. rebluary	2010	
Appropriation (Treasury) Code/CC/BA	/BSA/Iter	m Control Num	ber				P-	-1 Line Iter	m Nomenclatu	ire		
Aircraft Procurement, Ai	r Ford	e, Budge	t Activity	04, Other	Aircraft,	Item No. 2	28 T	arget [Orones			
Weapon System					Subline Iter	n	<u> </u>					
TD												
			Location of	RFP Issue	Contract	Contract				Date of First	Specs Available	Date Revision
WBS Cost Elements	Qty	Unit Cost	PCO	Date	Method	Type	Contractor and Lo	cation	Award Date	Delivery	Now?	Available?
		2.0.62			-							
FY 09 (FULLSCALE - QF-4)	10	2.963	691ST ARSS		C	Option	BAE SYSTEMS, MOJAVE, CA		Mar-09	Aug-10	Yes	
FY 10 (FULLSCALE - QF-4)	9	3.151	691ST ARSS		С	FFP	BAE SYSTEMS, MOJAVE CA		Mar-10	Aug-11	Yes	
FY 11 (FULLSCALE - QF-4)	9	3.214	691ST ARSS		С	FFP	BAE SYSTEMS, MOJAVE CA		Mar-11	Aug-12	Yes	
FY 09 (SUBSCALE)	40	0.830	691ST ARSS		С	Option	Composite Engine Inc., Sacramento C	_	Nov-09	Nov-10	Yes	
FY 10 (SUBSCALE)	36	0.865	691ST ARSS		С	Option	Composite Engine Inc., Sacramento C	_	Dec-09	May-11	Yes	
FY 11 (SUBSCALE)	40	0.872	691ST ARSS		С	Option	Composite Engine Inc., Sacramento (_	Jan-11	May-12	Yes	

Remarks

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Procurement History and Planning Exhibit P-5A, page 4 of 11

Exhibit P-21, Production	n Sched	ule																			D	ate:	Febr	uary	2010				
Appropriation (Treasury) Code	e/CC/BA/E	SA/Item C	Control Nu	ımber													P	-1 Lin	e Iten	n Non	nencla	ature							
Aircraft Procureme	nt, Air	Force,	Budg	et Acti	ivity	04,	Oth	ner /	Airc	raft	, Ite	m N	lo.	28			T	arg	et C)ror	es								
	S		ACCEP.	BALANCE					FIS	SCAL Y	EAR 2	007									FIS	SCAL Y	EAR 2	800					L
	E	PROC.	PRIOR	DUE		2006						CAL	ENDAI	R YEAF	R 2007							C	ALENI	AR YE	EAR 20	08			Α
PROCUREMENT YEAR	R	QTY	TO 1 OCT	AS OF 1 OCT	O	N O	D	J	F E	M	A	M	J	J	A	S	0	N	D	J	F	M	A	M	J	J	A	S	T
	V		2006	2006	T	V	C	N	В	R	R	Y	N	L	G	P	T	V	C	N	В	R	R	Y	N	L	G	P	R
2009	USAF	10	0	10																									10
2010	USAF	9	0	9		1	Î						Ì	İ	1		Î		1										9
2011	USAF	9	0	9																									9
TOTAL		28	0	28																									28
					0	N	D	J	F	M	A	M	J	J	Α	S	0	N	D	J	F E	M	A	M	J	J	A	S	
					T	O V	E C	N	E B	R	R	Y	N	l	G	P	T	O V	E	N	B	R	R	Y	N	l	G	P	
				PRODUCT	ION R	ATES	ŭ						PRC	CURE	MENT	LEAD :	TIME		Ū							_	Ū		
				MIN	SHIF	Т	M							AD	MIN														
				SUST	HOU	RS	Α							LEAD	TIME			MFG			TOTAL	_							
ITEM/MANUFACTURER'S NAME		LOCATION			DAYS	3	Х											TIME			AFTEF	₹							
QF-4/BAE Systems		Mojave CA		1	1		3							NOR OCT	AF 1 C	TER OCT		TIIVIL			1 OCT								
								INITIA	L					0		5			20			25	1						
								REOR	DER					0	ĺ	5			12			17	1						
REMARKS																													

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Production Schedule Exhibit P-21, page 5 of 11

O N D J F M A M J J A S O N D J F M A B R R Y N L G P T V C N B R R Y N L G P T V C N B R R Y N L EAD TIME	Exhibit P-21, Production Sche	dule																			D	ate:	Febr	uary	2010)			
Note	Appropriation (Treasury) Code/CC/BA	/BSA/Item (Control Nu	umber													P-	-1 Lin	e Iten	n Non	nencla	ature							
PROCUREMENT YEAR PROCUR	Aircraft Procurement, Ai	r Force	, Budg	et Act	ivity	04,	Oth	ner A	Airc	raft	, Ite	m l	lo.	28			Т	arg	et C	ror	nes								
PROCUREMENT YEAR R QTY OTY 1 OCT 1 OCT 1 OCT 2 ON B R R R Y N L G R 2009 USAF 2008 0 9 0 9 0 9 0 9 0 9 0 10 1 USAF 9 0 0 9 1 USAF 9 0 0 9 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	S								FIS	CAL Y	EAR 2										FIS								L
PROCUREMENT YEAR R QTY	E	PROC.										CAL	ENDA	R YEAI	R 2009							C	ALENI	OAR YE	EAR 20	10		'	Α
V 2008 2008 T V C N B R R Y N L G P T V C N B R R Y N L G P R	PROCUREMENT YEAR R				0		D F	J A	F	M A	A P	M A	J II	J	A	S	O C	N O	D F	J A	F	M A	A P	M A	J	J	A	S F	T
2010	V				T	1 -	C	N	В	R	R	Y	N	L	G	P	T	V	C	N	В	R	R	Y	N	L	G	P	R
2011	2009 USAF	10	0	10)																						1	1	8
TOTAL 28	2010 USAF	9	0	9)																								9
O N D J F M A M J J A S O N D J F M A P A U U U U E C O E A E A P A U U U U E C O E A E A P A U U U U E C O E A E A P A U U U U E C O E A E A E A P A A U U U U E C O E A E A E A P A A U U U U E C O E A E A E A P A A U U U U E C O E A E A E A P A A U U U U E C O E A E A E A P A A E A P A A U U U U E C O E A E A E A P A A E A P A A U U U U E C O E A E A E A P A A E A P A A U U U U E C O E A E A E A P A A E A P A A U U U U E C C O E A E A E A P A A E A P A A U U U U E C C O E A E A E A P A A E A P A A U U U U E C C O E A E A E A P A A E A P A A U U U U E C C O E A E A E A P A A U U U U E C C O E A E A E A P A A E A P A A U U U U E C C O E A E A E A P A A E A P A A U U U U E C C O E A E A E A E A P A A E A P A A U U U U U E C C O E A E A E A P A A E A A P A A U U U U U E C C O E A E A E A E A P A A E A E A P A A E A E	2011 USAF	9	0	9)																								9
C O E A E A P A U U U E C O E A E A P A U U U E C O E A E A P A U U U E C O E A E A P A U U U E C O E A E A P A U U U E C O E A E A P A U U U E C O E A E A P A U U U E C O E A E A P A U U U E C O E A E A P A U U U E C O E A E A P A U U U E C O E A E A P A U U U E C O E A E A P A U U U E C O E A E A P A U U U E C O E A E A P A U U U E C O E A E A P A U U U E C O E A E A P A U U U E C O E A E A P A U U U E C O E A E A P A U U U U E C O E A E A P A U U U U E C O E A E A P A U U U U E C O E A E A P A U U U U E C O E A E A P A U U U U U E C U U U U U U U U U	TOTAL	28	0	28	3																						1	1	26
PRODUCTION RATES PROCUREMENT LEAD TIME PRODUCTION RATES PRODUCTION RA					_	N	_	J	F		A	M	J	J	Α	S			D	J	F	M		M	J	J	Α	S	
PRODUCTION RATES					l T							Y	N	l	G	P	T	V	C	N	I □	R		Y	N	li		I P	1 /
SUST HOURS A DAYS X				PRODUCT	TION R	ATES							PRC	CURE	MENT	LEAD 1	TIME												-
ITEM/MANUFACTURER'S NAME																					TOTAI								
QF-4/BAE Systems Mojave CA 1 1 3 PRIOR 1 OCT	ITEM/MANUFACTURER'S NAME	LOCATION	١		DAYS	3	Х														AFTER	3							
INITIAL 0 5 20 25	QF-4/BAE Systems	Mojave CA		1	1		3											IIIVIE			1 OCT	•							
				t				INITIA	\L					0		5			20			25	1						
REMARKS.		1						REOF	RDER					0		5			12				1						
ALIMPH MAC	REMARKS	•		-	-								_		_		•			•			_						

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Production Schedule Exhibit P-21, page 6 of 11

Appropriation (Treasury) Code/CC/BA/BSA Aircraft Procurement, Air Fo	orce,	Budge		ivity	, na	041										_												
Aircraft Procurement, Air Fo			et Acti	vity	, 04	041										P-	1 Lin	e Item	Nom	encla	ature							
S		ACCEP		_	υ,	Otr	ner /	Airc	raft	, Ite	m N	lo. 2	28			T	arg	et D	ron	es								
5			BALANCE					FIS	CAL Y	EAR 2										FIS	CAL Y	EAR 2	012					L
F	ROC.	PRIOR	DUE		2010						CALI	ENDAR	YEAR	2011							C	ALENE	OAR YE	AR 20	12			Α
	QTY	TO 1 OCT	AS OF 1 OCT	O C	N O	D	J	F E	M	A	M	J	J	A	S	0	N	D	J	F	M	A	M	J	J	A	S	T
V		2010	2010	T	V	C	N	В	R	R	Y	N	L	G	P	T	V	C	N	В	R	R	Y	N	L	G	P	R
2009 USAF	10	2	8	1	1	1	1	1	1	1	1			Ť				Ť										0
2010 USAF	9	0	9		1									1	1	1	1	1	1	1	1	1						0
2011 USAF	9	0	9																							1	1	7
OTAL	28	2	26	1	1	1	1	1	1	1	1			1	1	1	1	1	1	1	1	1				1	1	7
				0 0	N	D	J ^	Fι	M	Αρ	M	J	J	Α	SL	0 0) Z	D	^ ر	F	M	A	M	J	J	Α	S	
				T	O V	E C	N	E B	R	R	Y	N	l	G	E P	T	O V	E	N	B	R	R	Y	N	l	G	P	1
			PRODUCT	ION R	ATES	Ů					<u> </u>	PRO	CURE	MENT I	LEAD T	IME	•	Ū	.,			- ` `			_			
			MIN	SHIF	Т	М							ADI	MIN														
			SUST	HOUI	RS	Α							LEAD	TIME			MFG		-	TOTAL								
TEM/MANUFACTURER'S NAME LO	CATION			DAYS	3	Х											TIME		,	AFTER	2							
PF-4/BAE Systems Mo	jave CA		1	1		3							IOR OCT	AFT 1 O			I IIVIE			1 OCT								
				-			INITIA					- 10	0	10	5	-		20			25	l						
				1			REOR						0		5			12			17							
REMARKS							. LEOI	DEIN					- 0		,			12			17							

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Production Schedule Exhibit P-21, page 7 of 11

Exhibit P-21, Production Sched	ule																			D	ate: I	ebru	uary	2010				
Appropriation (Treasury) Code/CC/BA/E	SA/Item (Control Nu	mber													Р	-1 Lin	e Iten	n Non	nencla	ature							
Aircraft Procurement, Air	Force,	Budg	et Acti	vity	04,	Oth	ner A	Airc	raft	, Ite	m N	lo. 2	28			Т	arg	et D	ron	es								
S			BALANCE DUE		2005			FIS	CAL Y	EAR 2		TNID A F	R YEAR	2006					1	FIS	SCAL Y			AD 200	0.7			L
PROCUREMENT YEAR E	PROC. OTY	PRIOR TO	AS OF	О	N N	D	J	F	M	A	M	J	J	A	S	О	N	D	J	F	M	ALENL	M	EAR 200	J J	A	S	T A
V	QII	1 OCT 2005	1 OCT 2005	C	O V	E C	A N	E B	A R	P R	A V	U N	U	U G	E P	C	O V	E C	A N	E B	A R	P R	A V	U N	U	U G	E P	E R
2009 USAF	40		40	<u> </u>	· ·		11	-	IX	IX		11							-11		- IX	IX		11		-	-	40
2010 USAF	34		34																									34
2011 USAF	42		42																									42
TOTAL	116	0	116																									116
				O C	N O	D E	J A	F E	M A	A P	M A	J	J	A U	S	0	N O	D E	J A	F	M A	A P	M A	J	J	A U	S E	
				Т	V	С	N	В	R	R	Υ	N	L	G	Р	Т	V	С	N	В	R	R	Υ	N	L	G	Р	
			PRODUCT	ION R	ATES							PRO	CURE	MENT	LEAD :	TIME			•								•	
			MIN SUST	SHIF HOU		M A								MIN TIME			MFG			TOTAL	_							
ITEM/MANUFACTURER'S NAME	LOCATION	l		DAYS	3	Х											TIME			AFTER	2							
AFSAT /Composite Engineering Inc.			1	1/8/5		2							IOR OCT	AF	TER OCT		IIIVIL			1 OCT	•							
							INITIA						2		9			12			21							
							REOF	RDER					4		5			12			17							
REMARKS																												

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Exhibit P-21, Production Sch	edule																			D	ate: I	ebru	uary	2010)			
Appropriation (Treasury) Code/CC/B	A/BSA/Item	Control Nu	ımber													Р	-1 Lin	e Iten	n Non	nencla	ature							
Aircraft Procurement, A	ir Force	, Budg	et Acti	ivity	04,	Oth	her A	Airc	raft	, Ite	m N	lo. 2	28			T	arg	et C	ron	es								
S			BALANCE		2007		1	FIS	CAL Y	EAR 2		- N.I.D. A.E.	37E 4 E	2000						FIS	SCAL Y			- A D 20	00			L
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V		2007	2007	T	V	C	N	В	R	R	Y	N	L	G	P	T	V	C	N	В	R	R	Y	N	L	G	P	R
2009 USAF	40		40																									40
2010 USAF	36		36	_							ļ										ļ							36
USAF	40		40		ļ		ļ				ļ		ļ		ļ						ļ			ļ	ļ			40
TOTAL	116	0	116	_	L		<u> </u>																	<u> </u>	<u> </u>		_	116
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			PRODUCT	ION R	ATES		1					PRO	CURE	MENT	LEAD :	TIME												
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ITEM/MANUFACTURER'S NAME	LOCATIO	٧		DAYS	3	Х	_									_	TIME			AFTER								
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P-1 Shopping List Item No. 28

Production Schedule Exhibit P-21, page 9 of 11

Exhibit P-21, Production Sched	ule																			D	ate: l	-ebru	uary :	2010				
Appropriation (Treasury) Code/CC/BA/E	SA/Item (Control Nu	mber													P	-1 Lin	e Item	n Nom	nencla	ature							
Aircraft Procurement, Air	Force,	Budg	et Acti	vity	04,	Oth	her A	Airc	raft	, Ite	m N	lo. 2	28			Т	arg	et D	ron	es								
S			BALANCE		2000		1	FIS	CAL Y	EAR 2		TA ID A D	NE AD	2010						FIS	SCAL Y			1 D 201				L
PROCUREMENT YEAR E	PROC.	PRIOR TO	DUE AS OF	0	2009 N	D	ī	Б	М	Λ	CALI	ENDAR	YEAR	2010	S	0	N	D	ī	E	C	ALENL	OAR YE	EAR 201	ΙΙ	Α .	c	A
PROCUREMENT TEAK R	QTY	1 OCT	1 OCT	C	O	E	A	E	A	P	A	U	U	U	E	C	O	E	A	E	A	P	A	U	U	U	E	E
V		2009	2009	T	V	C	N	В	R	R	Y	N	L	G	P	T	V	C	N	В	R	R	Y	N	L	G	P	R
2009 USAF	40		40														6	6	6	6	8	8						0
2010 USAF	36		36	_																	ļ		3	3	3	3	3	21
USAF	40		40				ļ								ļ													40
TOTAL	116	0	116	_			<u> </u>					<u> </u>					6	- 6	. 6	- 6	8	8	3	. 3	. 3	3	3	61
				0	N	D E	J	F	M	A	M	J	J	A	S	O C	N O	D E	J	F	M	A	M	J	J	U	S	1 1
				T	V	C	N	В	R	R	Y	N	L	G	P	T	V	C	N	В	R	R	Ŷ	N	L	G	P	
			PRODUCT	ION R	ATES							PRO	CURE	MENT	LEAD T	TIME												
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			SUST	HOU	RS	Α							LEAD	TIME			MFG			TOTAL								
ITEM/MANUFACTURER'S NAME	LOCATION	l		DAYS	3	Х	_										TIME			AFTEF								
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P-1 Shopping List Item No. 28

Production Schedule Exhibit P-21, page 10 of 11

Exhibit P-21, Production Sched	ule																			D	ate: I	ebru	uary	2010)			
Appropriation (Treasury) Code/CC/BA/E	3SA/Item 0	Control Nu	mber													P-	-1 Lin	e Iten	Non	nencla	ature							
Aircraft Procurement, Air	Force,	Budg	et Acti	ivity	04,	Oth	ner /	Airc	raft	, Ite	m N	lo. 2	28			Т	arg	et D	ron	es								
S			BALANCE					FIS	CAL Y	EAR 2										FIS	SCAL Y							L
PROCHEEMENT VEAR	PROC.	PRIOR	DUE		2011	D	T	г	14	Α.	CALI	ENDAR	YEAR	2012	C		N	D	T	г	C.	ALENL	OAR YE	EAR 20	13	Α.	C	A
PROCUREMENT YEAR R	QTY	TO 1 OCT	AS OF 1 OCT	O	N O	D F	J A	F	M A	A P	M A	II.	IJ	A II	S	C	N O	D F	J A	F	M A	A P	M A	I I	I I	A II	S F	I F
V		2011	2011	T	V	C	N	В	R	R	Y	N	L	G	P	T	V	C	N	В	R	R	Y	N	L	G	P	R
2008 USAF	40	40	0																									0
2009 USAF	34	15	19	3	3	3	3	3	3	1																		0
2010 USAF	42	0	42								3	3	3	3	3	3	3	3	3	3	4	4	4					0
TOTAL	116	55	61	3	3	3	3	3	3	1	3	3	3	3	3	3	3	3	3	3	4	4	4					0
				0	N	D	J	F	M	Α	M	J	J	Α	S	0	N	D	J	F	M	Α	M	J	J	Α	S	
				l t	V	C	A N	B	R	R	A	N	ı	G	P	T	0 V	C	A N	B	R	R	A V	N		U	P	
			PRODUCT	ION R	ATES	Ŭ			- 1 \	- 1 \		PRO	CURE	MENT	LEAD ⁻	TIME		Ŭ	- ' '								<u> </u>	
			MIN	SHIF		М								MIN														
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ITEM/MANUFACTURER'S NAME	LOCATION			DAYS	3	Х											TIME			AFTEF	2							
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REMARKS																												\longrightarrow

P-1 Shopping List Item No. 28

Production Schedule Exhibit P-21, page 11 of 11

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Exhibit P-40, Budget Item Justiff	ication									Date: I	ebruary 20	J10	
Appropriation (Treasury) Code/CC/BA/BS	SA/Item Co	ontrol Number						P-1	Line Item No	menclature			
Aircraft Procurement, Air	Force,	Budget A	ctivity 04	I, Other A	Aircraft,	Item No.	29	C-	37				
Program Element for Code B Items:		N/A			Other Relat	ed Program	Elements:						
						FY 2011	Total						
ID	O Code	Prior Years	FY 2009	FY 2010	FY 2011	OCO	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	To Comp	Total
Proc Qty A			1	1	2		2	3					7
Total Proc Cost (\$ M)			70.019	66.196	52.000	0.000	52.000	78.000	0.000	0.000	0.000		266.215

Description

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

FY 2011 Program Justification

FY2011 funding request purchases two C-37s leased from Gulfstream under Section 8133 of the FY2000 National Defense Appropriations Act. These two leased C-37s will be purchased as respective lease terms expire in FY2011. All leased C-37s support Combatant Commanders.

P-1 Shopping List Item No. 29

Budget Item Justification Exhibit P-40, page 1 of 5

Exhibit P-5, Weapon System Cost Ana	alysis									Date: Feb	ruary 20	10	
Appropriation (Treasury) Code/CC/BA/BSA/Item	n Control Number							P-1 Line	Item Nomen	clature			
Aircraft Procurement, Air Force	e, Budget A	ctivity	04, Othe	r Aircra	ft, Item	No. 29		C-37					
Manufacturer's Name/Plant City/State Locat	ion			Subline Ite	em								
Gulfstream Aerospace, Savannah, GA													
Weapon System	Ident					Total	Cost in Mi	llions of D	ollars				
Cost Elements	Code		FY 2009			FY 2010			FY 2011		I	FY 2011 OC	О
				Total			Total			Total			Total
		Qty	Unit Cost	Cost	Qty	Unit Cost	Cost	Qty	Unit Cost	Cost	Qty	Unit Cost	Cost
Aircraft Purchase	A	1	70.019	70.019	1	66.196	66.196						
Leased Aircraft Purchase	A							2	26.000	52.000			
TOTAL PROGRAM				70.019			66.196			52.000			
Comments													

FY2011 funding request purchases two C-37s leased from Gulfstream under Section 8133 of the FY2000 National Defense Appropriations Act. These two leased C-37s will be purchased as respective lease terms expire in FY2011. All leased C-37s support Combatant Commanders.

P-1 Shopping List Item No. 29

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

Exhibit P-5A, Procurement His	story ar	nd Planning							Dai	e. rebruary	/ 2010	
Appropriation (Treasury) Code/CC/BA	/BSA/Ite	m Control Num	nber					P-1 Line It	em Nomenclatu	ıre		
Aircraft Procurement, A	ir Ford	e, Budge	t Activity	04, Other	Aircraft,	Item No.	29	C-37				
Weapon System					Subline Iter	m						
C-37A												
										Date of	Specs	Date
			Location of	RFP Issue	Contract	Contract				First	Available	Revision
WBS Cost Elements	Qty	Unit Cost	PCO	Date	Method	Type	Contractor and	Location	Award Date	Delivery	Now?	Available?
C-37 Purchase	1	70.010	Oklahoma	Nov-08	SS	FFP	Gulfstream Aer	0.00000	Dec-08	Jun-10	Yes	-
C-3/ Fulchase	1		City, OK	1101-08	33	rrr	Savannah, GA	ospace,	Dec-08	Juli-10	i es	
C-37 Purchase	1	66.196	Oklahoma	Feb-10	SS	FFP	Gulfstream Aer	ospace,	Apr-10	Sep-11	Yes	
			City, OK				Savannah, GA					
Leased C-37 Purchases	2	26.000	Oklahoma	Mar-11	SS	FFP	Gulfstream Aer	ospace,	Apr-11	May-11	Yes	
			City, OK				Savannah, GA					
Leased C-37 Purchases	3	26.000	Oklahoma	Dec-11	SS	FFP	Gulfstream Aer	ospace,	Nov-11	Dec-11	Yes	
			City, OK				Savannah, GA					
Domarks												

Remarks

P-1 Shopping List Item No. 29

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

Exhibit P-21, Production Sched	ule																			Di	ate: l	-ebr	uary	2010				
Appropriation (Treasury) Code/CC/BA/E	SA/Item (Control Nu	ımber													P-	-1 Lin	e Iten	n Nom	nencla	ature							
Aircraft Procurement, Air	Force	, Budg	et Act	ivity	04,	Oth	ner A	\irc	raft	, Ite	m N	lo. 2	29			C	-37											
S		ACCEP. PRIOR	BALANCE DUE	-	2008			FIS	CAL Y	EAR 20		ENDAR	YEAR	2009						FIS	CAL Y		010 DAR YE	EAR 20	10			L A
PROCUREMENT YEAR E R V	PROC. QTY	TO 1 OCT 2008	AS OF 1 OCT 2008	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	T E R
2009 USAF	1	0	1			_																		1				0
2010 USAF	1	0	1																									1
2011 USAF	2	0	2																									2
USAF USAF	3	0	3																									3
TOTAL	7	0	7																					1				6
				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	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	U U	J L	A U G	S E P	
			PRODUCT	TION R	ATES							PRO	CURE	MENT	LEAD T	ГІМЕ												
ITEM/MAANUEA OTUDERIO MAME	LOCATION		MIN SUST	SHIF	RS	M A							ADI LEAD	MIN TIME			MFG			TOTAL								
ITEM/MANUFACTURER'S NAME	LOCATION			DAYS	5	Х							0.0				TIME			AFTER								
Gulfstream Aerospace	Savannah, C	jΑ		+								PRI 1 C	-	AFT 1 O						1 OCT								
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REMARKS	-		•	-												•			•									

P-1 Shopping List Item No. 29

Production Schedule Exhibit P-21, page 4 of 5

Exhibit P-21, Productio	n Sched	lule																			D	ate:	Febr	uary	2010)			
Appropriation (Treasury) Cod	e/CC/BA/E	3SA/Item (Control Nu	ımber													P-	·1 Lin	e Iten	n Non	nencla	ature							
Aircraft Procureme	ent, Air	Force	, Budg	et Act	ivity	04,	Oth	ner /	Airc	raft	, Ite	m N	lo. 2	29			C	-37											
	S	PROC.	PRIOR	BALANCE DUE		2010			FIS	CAL Y	EAR 2		ENDAF	R YEAR	R 2011						FIS		YEAR 2 ALENI		EAR 20	12			L A
PROCUREMENT YEAR	R V	QTY	TO 1 OCT 2010	AS OF 1 OCT 2010	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	T E R
2009	USAF	1	1	0																									0
2010 2011	USAF USAF	1	0	1	1						1	1				1											\square		0
2012	USAF	3	0	3	1	1					- 1	1			 				1					1	1		-		0
TOTAL		7	1	6							1	1				1			1					1	1				0
			-		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	
				PRODUCT	ION R	ATES							PRO	CURE	MENT	LEAD T	IME											•	$\overline{}$
				MIN SUST	SHIF HOU	RS	M A								MIN TIME			MFG			TOTAL								
ITEM/MANUFACTURER'S NAME		LOCATION			DAYS	3	Χ											TIME			AFTEF								
Gulfstream Aerospace		Savannah, C	θA											IOR OCT	AF1						1 OCT	-							
								INITIA REOR								9			12			9	-						
REMARKS		1		<u> </u>				INCON	יייייי				I		<u> </u>	7			12	1		,	<u> </u>						$\overline{}$
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P-1 Shopping List Item No. 29

Production Schedule Exhibit P-21, page 5 of 5

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Exhibit P-40, Budget Item Jus	tification									Date:	February 20)10	
Appropriation (Treasury) Code/CC/BA	A/BSA/Item C	ontrol Number						P-1	Line Item No	omenclature			
Aircraft Procurement, Ai	ir Force,	Budget A	ctivity 04	4, Other	Aircraft,	Item No.	30	G	LOBAL F	IAWK			
Program Element for Code B Items	3:	N/A			Other Rela	ted Program	Elements:						
						FY 2011	Total						
	ID Code	Prior Years	FY 2009	FY 2010	FY 2011	OCO	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	To Comp	Total
Proc Qty	A	29	5	4	4		4	5	5	5	4		61
Cost (\$ M)		1944.638	656.358	552.833	649.629		649.629	686.336	552.395	485.304	411.371	TBD	TBD
Advance Proc Cost (\$ M)		391.360	53.686	113.049	90.200		90.200	116.000	116.100	86.900	85.600	TBD	TBD
Weapon System Cost (\$ M)		2335.998	710.044	665.882	739.829	0.000	739.829	802.336	668.495	572.204	496.971	TBD	TBD
Initial Spares (\$ M)		0.000	117.800	130.800	260.500		260.500	249.200	20.200				778.500
Total Proc Cost (\$ M)		2335.998	827.844	796.682	1000.329	0.000	1000.329	1051.536	688.695	572.204	496.971	TBD	TBD
Flyaway Unit Cost (\$ M)		145.112	110.665	98.800	107.198		107.198	98.457	117.320	114.355	120.951	TBD	
Wpn Sys Unit Cost (\$ M)		185.320	142.009	166.470	184.957		184.957	160.467	133.699	114.441	124.243	TBD	

Description

The Global Hawk System provides high altitude, deep look, long endurance intelligence, surveillance, reconnaissance (ISR), and Battle Management Command & Control (BMC2) enabler capability that compliments space and other airborne collectors during peacetime, crisis, and war-fighting scenarios.

This funding procures 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 employs 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 only integrate the multi-platform radar technology insertion program (MP-RTIP) radar 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.

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 or less per year until successful completion of the initial operational test and evaluation (IOT&E). In FY09 schedule breach and subsequent FY11 PB required adjustment of quantity to pay for schedule slip.

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). The amount budgeted for spares is: FY09 - \$117.8M, FY10 - \$130.8M, FY11 - \$260.5M, FY12 - \$249.2M, FY13 - \$20.2M.

Throughout the FYDP, the program will continue modernization to enhance the system to meet requirements as documented in updates to the Capability Development

P-1 Shopping List Item No. 30

Budget Item Justification Exhibit P-40, page 1 of 26

Exhibit P-40, Budget Item Justification	Date: February 2010
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. 30	GLOBAL HAWK

Description

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 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.

Due to an inadvertent error the Air Force requests a technical adjustment transferring \$25,600,000 from P-1 Line No. 30 "RQ-4 UAV" to Line No. 31 "RQ-4 UAV Advance Procurement". The following exhibits reflect the requested transfer amounts.

FY 2011 Program Justification

Procurement funding includes three 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.

P-1 Shopping List Item No. 30

Budget Item Justification Exhibit P-40, page 2 of 26

Aircraft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 30 Manufacturer's Name/Plant City/State Location NGIS, Palmdale CA Weapon System Cost Elements Subline Item Total Cost in Millions of Elements FY 2009 FY 2010	e Item Nomenci BAL HAW				
Manufacturer's Name/Plant City/State Location NGIS, Palmdale CA Weapon System Cost Elements Subline Item Total Cost in Millions of E FY 2009 FY 2010	BAL HAW	'K			
NGIS, Palmdale CA Weapon System Cost Elements Subline Item Total Cost in Millions of E FY 2009 FY 2010					
Weapon System Cost Elements Ident Code FY 2009 FY 2010 Total Cost in Millions of E					
Cost Elements Code FY 2009 FY 2010					
	Dollars				
	FY 2011		F	Y 2011 OCC)
Total Total		Total			Total
Qty Unit Cost Cost Qty Unit Cost Cost Qty	Unit Cost	Cost	Qty	Unit Cost	Cost
Aircraft (RQ-4A/RQ-4B) (1) A 5 102.579 512.893 4 98.800 395.201 4	4 107.198	428.792			
Common Ground Station A 2 24.944 49.888					
Infrastructure Support (2) A 156.721 211.332		308.286			
Integrated Logistics Support/Training A					
Adv Procurement - Credit A -63.158 -53.700	-	-113.049			
Adv Procurement - Debit A 53.700 113.049		115.800			
TOTAL DDOCD AM 710 044 (65 002)		720.920		 	
TOTAL PROGRAM 710.044 665.882	1	739.829		1	

Comment

P-1 Shopping List Item No. 30

Weapon System Cost Analysis Exhibit P-5, page 3 of 26

⁽¹⁾ Average Unit Cost includes aircraft (which includes associated sensors), system engineering and program management, tooling, acceptance test, etc.

⁽²⁾ Infrastructure Support includes Integrated Logistics Support, program management support, ASIP Sustainment and Depot Activation

Exhibit P-5A, Procurement Hist	-	_								e: February	/ 2010	
Appropriation (Treasury) Code/CC/BA/E									em Nomenclatu	ıre		
Aircraft Procurement, Air	Ford	ce, Budge	t Activity	04, Other	Aircraft,	Item No. 3	30	GLOB/	L HAWK			
Weapon System					Subline Iter	n						
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 Grum Rancho Bernar		Jun-01	Sep-03	Yes	
FY 2002												
3 Global Hawk Aircraft and 1 MCE	3	52.544	303 AESG/PK		SS	FPI	Northrop Grun Rancho Bernar		Jan-02	Sep-03	Yes	
Long lead for 3 Global Hawk Aircraft and 1 LRE	3		303 AESG/PK		SS	FPI	Northrop Grum Rancho Bernar		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 Grun Rancho Bernar		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 Grum Rancho Bernar		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 Grum Rancho Bernar		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 Grum Rancho Bernar	ıman,	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 Grum Rancho Bernar		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 Grum Rancho Bernar		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 Grum Rancho Bernar		May-06	Feb-08	No	N/A
Long Lead for 5 Global Hawk Aircraft and 3 GS	5		303 AESG/PK		SS	FPI	Northrop Grum Rancho Bernar	ıman,	May-06	Apr-09	No	N/A

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

Exhibit P-5A, Procurement History and Planning Date: February 2010 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. 30 **GLOBAL HAWK** Subline Item Weapon System HAEUAV Date of Specs Date Available Revision RFP Issue Contract First Location of Contract PCO Method Award Date Delivery Now? Available? WBS Cost Elements Oty Unit Cost Date Type Contractor and Location (FY07) FY 2007 5 Global Hawk Aircraft and 84.633 303 Northrop Grumman, SS FPI May-07 Apr-09 N/A No AESG/PK Rancho Bernardo, CA 3 GS Long lead for 5 Global 303 SS FPI Northrop Grumman, Feb-07 Feb-10 No N/A Hawk Aircraft and 1 GS AESG/PK Rancho Bernardo, CA (FY08) FY 2008 79,415 303 SS Northrop Grumman, 5 Global Hawk Aircraft and 5 TBD Feb-10 No N/A Aug-08 AESG/PK Rancho Bernardo, CA 1 GS Long lead for 5 Global 5 303 SS TBD Northrop Grumman, No Apr-08 Feb-11 N/A Hawk aircraft and 2 GS AESG/PK Rancho Bernardo, CA (FY09) FY 2009 5 Global Hawk Aircraft and 5 102.579 303 SS FPI Northrop Grumman, Mar-09 Jul-10 No N/A Rancho Bernardo, CA 2 GS AESG/PK Northrop Grumman, Long lead for 4 Global SS 303 FPI Mar-09 Jul-11 No N/A Hawk aircraft AESG/PK Rancho Bernardo, CA FY 2010 4 Global Hawk Aircraft 98.800 303 SS FPI Northrop Grumman, May-10 Apr-11 No N/A AESG/PK Rancho Bernardo, CA Long lead for 4 Global 303 303 FPI Northrop Grumman, No May-10 Apr-12 N/A Hawk aircraft AESG/PK AESG/PK Rancho Bernardo, CA FY 2011 4 Global Hawk Aircraft 107.198 303 SS TBD Northrop Grumman, May-11 No N/A 4 Apr-12 AESG/PK Rancho Bernardo, CA Long lead for 4 Global 303 303 TBD Northrop Grumman, No May-11 Apr-13 AESG/PK Hawk Aircraft AESG/PK Rancho Bernardo, CA 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.

P-1 Shopping List Item No. 30

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

Exh	nibit P-21, Production	n Sched	lule																			Da	ate: I	-ebru	ary 2	2010				
Appı	ropriation (Treasury) Code	e/CC/BA/E	3SA/Item (Control Nu	ımber													Р	-1 Lin	e Iten	n Non	nencla	ture							
Air	craft Procureme	nt, Air	Force	, Budg	et Acti	vity	04,	Oth	ner /	Airc	raft	, Ite	m N	lo. S	30			C	SLO	BAI	_ H/	٩Wk	(
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REMARKS

P-1 Shopping List Item No. 30

Production Schedule Exhibit P-21, page 6 of 26

These production rates are for the LRE component of the Ground Segment only and are separate from the air vehicle production rates.

The LRE's scheduled to deliver in CY 2006 and beyond are combined with the MCE's into one GS. GS delivery schedules are portrayed in a separate P-21

Ex	hibit P-21, Production	n Sched	lule																			D	ate: l	-ebru	iary :	2010				
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These production rates are for the LRE component of the Ground Segment only and are separate from the air vehicle production rates.

P-1 Shopping List Item No. 30

Production Schedule Exhibit P-21, page 7 of 26

The LRE's scheduled to deliver in CY 2006 and beyond are combined with the MCE's into one GS.

Exh	ibit P-21, Production	n Sched	lule																			D	ate: I	ebru	uary :	2010				
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REMARKS

P-1 Shopping List Item No. 30

Production Schedule Exhibit P-21, page 8 of 26

These production rates are for the Ground Segment only and are separate from the air vehicle production rates.

The LRE's scheduled to deliver in CY 2006 and beyond are combined with the MCE's into one GS.

Exhibit P-21, Prod	uctior	Sched	ule																			D	ate: I	ebru	ary :	2010				
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P-1 Shopping List Item No. 30

Production Schedule Exhibit P-21, page 9 of 26

These production rates are for the Ground Segment only and are separate from the air vehicle production rates. The LRE's scheduled to deliver in CY 2006 and beyond are combined with the MCE's into one GS.

Exhibit P-21, Production	on Sched	dule																			D	ate: I	-ebru	uary :	2010				
Appropriation (Treasury) Cod	de/CC/BA/l	BSA/Item (Control Nu	ımber													Р	-1 Lin	e Iten	า Nom	nencla	ature							
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Deliveries for the 2007 procurement year and prior are based off of negotiated contracts. All deliveries for the 2008 procurement year and beyond are considered "projected" and subject to change based on the needs of the Air Force. For example, production rate increases can result from increases in the number of shifts and/or shift hours

P-1 Shopping List Item No. 30

Production Schedule Exhibit P-21, page 10 of 26

Exhibit P-21, Productio	chibit P-21, Production Schedule propriation (Treasury) Code/CC/BA/BSA/Item Control Number P-																	D	ate: I	-ebru	uary :	2010							
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increases can result from increases in the number of shifts and/or shift hours

P-1 Shopping List Item No. 30

Production Schedule Exhibit P-21, page 11 of 26

Exhibit P-21, Production	Propriation (Treasury) Code/CC/BA/BSA/Item Control Number P-																	D	ate: l	Febr	uary	2010)						
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increases can result from increases in the number of shifts and/or shift hours

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Production Schedule Exhibit P-21, page 12 of 26

Exhibit P-21, Producti	on Sched	dule																			D	ate: l	Febr	uary	2010)			
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		_		Innoniio	T	I V	С	N	В	R	R	Υ	N	L	G	Р	T	V	С	N	В	R	R	Υ	N	L	G	Р	<u> </u>
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Global Hawk / Northrop Grumman		Rancho Ber	nardo, CA	4	1-8-5		2	ł					1 C	IOR OCT	AF1	DCT					1 OCT								
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REMARKS																													
Deliveries for the 2007 procurement	ear and prior a	are based off o	f negotiated of	contracts. All	deliver	ries for the	he 2008	procur	ement y	ear and	beyon	d are co	nsidere	l "proje	cted" ar	nd subje	ct to ch	ange ba	sed on	the need	ds of the	e Air Fo	rce. Fo	or exam	ple, pro	duction	rate		

increases can result from increases in the number of shifts and/or shift hours

P-1 Shopping List Item No. 30

Production Schedule Exhibit P-21, page 13 of 26

Exhibit P-21, Production	on Sched	dule																			D	ate: l	Febr	uary	2010)			
Appropriation (Treasury) Cod	de/CC/BA/l	BSA/Item (Control Nu	ımber													Р	-1 Lin	e Iten	n Nom	nencla	ature							
Aircraft Procureme	ent, Air	Force	, Budg	et Acti	ivity	0 4,	Oth	ner A	Airc	raft	, Ite	m N	lo. :	30			G	SLO	BAL	_ H/	١W	〈							
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	V		2009	2009	T	O V	E C	A N	E B	A R	R	A Y	N	L	U G	P	Т	O V	C	A N	B	R	R	Y	N	L	U G	P E	R R
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					Т	V	С	N	В	R	R	Υ	N	L	G	Р	Т	V	С	N	В	R	R	Υ	Ν	L	G	Р	
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ITEM/MANUFACTURER'S NAME		LOCATION			DAYS		Х											TIME			AFTEF								
Global Hawk / Northrop Grumman		Rancho Ber	nardo, CA	4	1-8-5		2						PR 1 C	IOR DCT	AFT 1 C						1 OCT								
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Deliveries for the 2007 procurement y	ear and prior a	re based off of	f negotiated c	ontracts. All	deliver	ies for the	he 2008	procure	ement y	ear and	beyond	are con	nsidered	1 "projec	cted" an	nd subje	ct to ch	ange ba	sed on t	he need	is of the	e Air Fo	rce. Fo	or exam	ple, pro	duction	rate		

Deliveries for the 2007 procurement year and prior are based off of negotiated contracts. All deliveries for the 2008 procurement year and beyond are considered "projected" and subject to change based on the needs of the Air Force. For example, production rate increases can result from increases in the number of shifts and/or shift hours

P-1 Shopping List Item No. 30

Production Schedule Exhibit P-21, page 14 of 26

Ex	hibit P-21, Production	on Sched	dule																			D	ate:	Febr	uary :	2010)			
Ар	propriation (Treasury) Cod	de/CC/BA/	BSA/Item (Control Nu	ımber													P	-1 Lin	e Iten	n Non	nencla	ature							
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		S		ACCEP.	BALANCE					FIS	SCAL Y	EAR 2										FIS		EAR 2						L
		E	PROC.	PRIOR	DUE		2011						CAL	ENDAF	R YEAF	R 2012							С	ALENI	OAR YE	EAR 20	13			Α
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					PRODUCT				ļ					PRC		MENT	LEAD	TIME												
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ITE	M/MANUFACTURER'S NAME		LOCATION	N	SUST	HOU DAYS		A X							LEAD	TIME			MFG TIME			TOTAL AFTEF	₹							
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	iveries for the 2007 procurement ye				ontracts. All	deliver	ries for t	he 2008	procur	ement y	ear and	beyon	d are co	nsidere	1 "proje	ected" aı	nd subje	ect to ch	nange ba	sed on	the need	ds of the	e Air Fo	orce. Fo	or examp	ple, pro	duction	rate		
incr	eases can result from increases in the	he number of	shifts and/or s	hift hours																										

P-1 Shopping List Item No. 30

Production Schedule Exhibit P-21, page 15 of 26

Exhibit P-21, Production	n Sched	ule																			Di	ate: F	ebru	ary 2	2010				
Appropriation (Treasury) Code	e/CC/BA/E	3SA/Item 0	Control Nu	ımber													P	-1 Lin	e Iten	n Nom	encla	ature							
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OTAL		1	0	1																							1		0
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				PRODUCT	ON RA	ATES							PRO	CURE	MENT	LEAD	ГІМЕ					•							
TEM/MANUFACTURER'S NAME		LOCATION	I	SUST	SHIFT HOUR DAYS	RS	M A X								MIN TIME			MFG TIME			TOTAL AFTER								
MCE/ Northrop Grumman		Rancho Berr	nardo, CA	1	1-8-5		2							IOR OCT	AFT 1 C			TIIVIE		•	1 OCT								
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P-1 Shopping List Item No. 30

Production Schedule Exhibit P-21, page 16 of 26

These production rates are for the MCE component of the ground segment only and are separate from the aircraft production rates.

The MCE's scheduled to be delivered in CY 2006 and beyond are incorporated into the Ground Segment (GS) with the LRE. GS delivery schedule is portrayed in a separate P-21.

Exhibit P-21, Production	xhibit P-21, Production Schedule																	D	ate: I	ebru	ary	2010							
Appropriation (Treasury) Code	e/CC/BA/E	3SA/Item (Control Nu	ımber													Р	-1 Lin	e Iten	n Nom	nencla	ture							
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	R QIY LOCT LOCT C O F A F A P A U U U F C C																		FIS		EAR 20 ALEND		EAR 200)5			L A		
PROCUREMENT YEAR	ROCUREMENT YEAR R V TO AS OF O N D J F M A M J J A S O O O O O O O O O O O O O O O O O O															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	T E R		
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		I		PRODUCT	ION R	ATES							PRO	CURE	MENT	LEAD	TIME												
ITEM/MANUFACTURER'S NAME		LOCATION	N		SHIF HOUI DAYS	RS	M A X								MIN TIME			MFG TIME			TOTAL AFTER								
MCE/ Northrop Grumman		Rancho Ber	nardo, CA	1	1-8-5		2							IOR OCT		TER OCT		IIIVIE			1 OCT								
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These production rates are for the MCE component of the ground segment only and are separate from the aircraft production rates.

P-1 Shopping List Item No. 30

Production Schedule Exhibit P-21, page 17 of 26

The MCE's scheduled to be delivered in CY 2006 and beyond are incorporated into the Ground Segment (GS) with the LRE. GS delivery schedule is portrayed in a separate P-21.

Exl	xhibit P-21, Production Schedule propriation (Treasury) Code/CC/BA/BSA/Item Control Number P-																	D	ate: I	-ebru	ary	2010								
App	propriation (Treasury) Code	e/CC/BA/E	BSA/Item (Control Nu	ımber													Р	-1 Lin	e Iten	n Nom	nencla	ature							
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			1		PRODUCT	ION R	ATES							PRO	CURE	MENT	LEAD	TIME												
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Production Schedule Exhibit P-21, page 18 of 26

These production rates are for the MCE component of the ground segment only and are separate from the aircraft production rates.

The MCE's scheduled to be delivered in CY 2006 and beyond are incorporated into the Ground Segment (GS) with the LRE. GS delivery schedule is portrayed in a separate P-21.

Exhibit P-21, Production	chibit P-21, Production Schedule																	Da	ate: I	ebru	ary	2010							
Appropriation (Treasury) Code/	/CC/BA/B	SA/Item (Control Nu	ımber													Р	-1 Lin	e Item	n Nom	nencla	ture							
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																			FIS		EAR 20 ALEND		EAR 200)9			L A		
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ITEM/MANUFACTURER'S NAME		LOCATION	1	SUST	ON RASHIFT HOUF DAYS	r RS	M A X						PRO		MIN	LEAD [*]	TIME	MFG			TOTAL								
MCE/ Northrop Grumman		Rancho Berr			1-8-5)	2						PR 1 C		AF1	TER OCT		TIME			1 OCT								
REMARKS								REOR						2		2			25 25			27 27							

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Production Schedule Exhibit P-21, page 19 of 26

These production rates are for the MCE component of the ground segment only and are separate from the aircraft production rates.

The MCE's scheduled to be delivered in CY 2006 and beyond are incorporated into the Ground Segment (GS) with the LRE. GS delivery schedule is portrayed in a separate P-21.

Exhibit P-21, Production	xhibit P-21, Production Schedule																	D	ate: I	ebru	iary :	2010							
Appropriation (Treasury) Code	e/CC/BA/E	3SA/Item (Control Nu	ımber													Р	-1 Lin	e Iten	n Nom	nencla	ture							
Aircraft Procureme	nt, Air	Force	, Budg	et Acti	vity	04,	Otl	ner /	Airc	raft	, Ite	m N	lo. S	30				GLO	BAI	_ H/	١W٢	(
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PROCUREMENT YEAR	ROCUREMENT YEAR R V 1 OCT 1 OCT C O E A E A P A U U U E C 2009 2009 T V C N B R R Y N L G P 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	T E R		
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		1		PRODUCT	ION R	ATES							PRO	CURE	MENT	LEAD	TIME												
ITEM/MANUFACTURER'S NAME		LOCATION	N		SHIF HOUI DAYS	RS	M A X								MIN TIME			MFG TIME			TOTAL AFTER								
MCE/ Northrop Grumman		Rancho Ber	nardo, CA	1	1-8-5		2]						OCT		TER OCT		IIIVIE			1 OCT								
								INITIA						2		2			25			27							
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P-1 Shopping List Item No. 30

Production Schedule Exhibit P-21, page 20 of 26

These production rates are for the MCE component of the ground segment only and are separate from the aircraft production rates.

The MCE's scheduled to be delivered in CY 2006 and beyond are incorporated into the Ground Segment (GS) with the LRE. GS delivery schedule is portrayed in a separate P-21.

Exhibit P-21, Production Sc	xhibit P-21, Production Schedule ppropriation (Treasury) Code/CC/BA/BSA/Item Control Number P-																	Da	ate: F	−ebrι	ıary 2	2010						
Appropriation (Treasury) Code/CC/	BA/BSA/Item	Control N	umber													Р	-1 Lin	e Iten	n Nom	nencla	uture							
Aircraft Procurement,	Air Force	e, Budç	jet Acti	vity	04,	Oth	ner /	4irc	raft	, Ite	m N	lo.	30			C	SLO	BAL	_ H <i>A</i>	٩Wk	(
S		ACCEP. PRIOR	BALANCE DUE		2001			FIS	CAL Y	EAR 2		ENDAF	R YEAR	2002						FIS	SCAL Y CA		003 DAR YE	AR 200	03		\blacksquare	L A
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			PRODUCT	ION RA	TES							PRC	CURE	MENT	LEAD	TIME												
ITEM MANUEL OF UPERIO MANGE			MIN SUST	SHIFT	-	M A							ADI	MIN TIME			MFG			TOTAL								
ITEM/MANUFACTURER'S NAME	LOCATIO		1	DAYS		X	-					DD	IOR	AFT	ren	4	TIME			AFTER 1 OCT		ĺ						
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REMARKS																												

These production rates are for the complete Ground Segment and are separate from the aircraft production rates.

P-1 Shopping List Item No. 30

Production Schedule Exhibit P-21, page 21 of 26

Exhibit P-21, Production	ppropriation (Treasury) Code/CC/BA/BSA/Item Control Number P-1																	D	ate: I	−ebrι	uary 2	2010	1						
Appropriation (Treasury) Code	e/CC/BA/E	BSA/Item (Control No	umber													Р	-1 Lin	e Iten	n Nom	nencla	ature							
Aircraft Procureme	nt, Air	Force	, Budg	jet Acti	vity	04,	Otl	ner A	۱irc	raft	, Ite	m N	lo.	30			C	GLO	BAI	_ H/	١W٢	(
	S	PD CC	ACCEP. PRIOR	BALANCE DUE		2003		I	FIS	CAL Y	EAR 2		ENDAF	R YEAR	2004						FIS		EAR 20 ALEND	005 DAR YE	EAR 200	05		-	L A
PROCUREMENT YEAR	PROCUREMENT YEAR R QTY 1 OCT 1 OCT C O E A E A P A U U U E C O V B R R V N L G P T V C N B R R V N L G P T V															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	T E R		
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				PRODUCT									PRO	CURE		LEAD :	TIME												
ITEM/MANUFACTURER'S NAME		LOCATION	1	MIN SUST	SHIFT HOUF DAYS	RS	M A X							ADI LEAD	MIN TIME			MFG			TOTAL AFTER								
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REMARKS								REORI	DER				<u> </u>	2		2			25			27	Щ_						
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These production rates are for the complete Ground Segment and are separate from the aircraft production rates.

P-1 Shopping List Item No. 30

Production Schedule Exhibit P-21, page 22 of 26

Ext	nibit P-21, Production	n Sched	lule																			D	ate: I	-ebru	uary 2	2010				
App	ropriation (Treasury) Code	e/CC/BA/E	3SA/Item (Control No	umber													Р	-1 Lin	e Iten	n Nom	nencla	ature							
Aiı	craft Procureme	nt, Air	Force	, Budg	et Act	ivity	<i>,</i> 04,	Otl	ner /	Airc	raft	, Ite	m N	lo.	30				SLO	BAL	_ H/	٩Wk	(
		S	PROC	ACCEP. PRIOR	BALANCE DUE	-	2005			FIS	CAL Y	EAR 2		ENDAF	R YEAR	2006						FIS		EAR 20 ALEND		EAR 200	07			L A
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	2004	USAF	1	0]										1															0
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	2006	USAF	1	0	1																					<u> </u>	<u> </u>	Щ.	ldot	1
	2007	USAF	3	0	3	3	ļ																			<u> </u>	Ļ	<u> </u>	igsquare	3
	2008	USAF	1	0]		ļ						ļ						ļ							<u> </u>	Ļ—	ــــــ	igwdot	1
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					PRODUC	TION R	ATES							PRC	CURE	MENT	LEAD	TIME												
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ITEM	I/MANUFACTURER'S NAME		LOCATION	1		DAYS	3	Х										J	TIME			AFTER	₹							
GS/N	orthrop Grumman		Rancho Ber	nardo, CA	1	1-8-5		2							IOR DCT	AF1 1 C	ΓER OCT		TIIVIL			1 OCT								
									INITIA						2		2			25			27							
									REOR	DER					2		2		·	25			27							
REM	ARKS																													

These production rates are for the complete ground Segment and are separate from the aircraft production rates.

P-1 Shopping List Item No. 30

Production Schedule Exhibit P-21, page 23 of 26

Exhibit P-21, Production Schedule	•																Da	ate: F	-ebru	iary 2	2010				
Appropriation (Treasury) Code/CC/BA/BSA/	/Item Control Nur	mber											P-	1 Line	e Item	Nome	encla	ture							
Aircraft Procurement, Air Fo	orce, Budge	et Activ	ity 04,	Oth	ner Air	craft	, Ite	m N	lo. 3	0			G	LO	BAL	. HA	Wk	(
S	ACCEP. PRIOR	BALANCE DUE	2007		F	ISCAL Y	EAR 20		NDAR	YEAR :	2008						FIS	CAL Y CA		009 AR YE	AR 200)9			L A
I DDCCTDEMENT VEAD	TO 1 OCT 2007	AS OF 1 OCT 2007	O N C O T V	D E C	J F A E N 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	T E R
2004 USAF	1 1	0																							0
2005 USAF 2006 USAF	1 1	0				+				1													┢	$\vdash\vdash\vdash$	0
2007 USAF	3 0	3																		2			┢	\vdash	1
2008 USAF	1 0	1																						1	0
2009 USAF	2 0	2																							2
TOTAL	9 2	7								1										2			└	1	3
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	La company of the com	PRODUCTIO							PROC	CUREM		EAD T	IME												
		SUST	HOURS	M A						ADM LEAD				MFG			OTAL								
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GS/Northrop Grumman Ranc	icho Bernardo, CA	1 1	-8-5	2					PRI0		AFT 1 O					1	OCT								
					INITIAL					2		2			25			27							
REMARKS					REORDER					2		2			25			27							
KEIVIAKNO																									

These production rates are for the complete ground Segment and are separate from the aircraft production rates.

P-1 Shopping List Item No. 30

Production Schedule Exhibit P-21, page 24 of 26

Exhibit P-21, Production Schedule								Date: F	ebruary 2010	
Appropriation (Treasury) Code/CC/BA/BSA/Ite	tem Control Numb	ber					P-1 Line Item	Nomenclature		
Aircraft Procurement, Air For	rce, Budget	t Activity	04, Oth	ner Aircra	aft, Item N	lo. 30	GLOBAL	- HAWK		
S E PRO	DDIOD	ALANCE DUE 2	2009	FISCA	AL YEAR 2010 CALE	NDAR YEAR 2010		FISCAL Y	EAR 2011 ALENDAR YEAR 2011	L A
PROCUREMENT YEAR R QT	TY 10CT	AS OF O 1 OCT C 2009 T	N D E V C	J F A E A B	M A M A A R R Y	J J A S U U U E N L G P	O N D C O E T V C	J F M A E A N B R	A M J J A S P A U U U E R Y N L G P	T E R
2004 USAF	1 1	0								0
2005 USAF 2006 USAF	1 1	0								0
2007 USAF	3 2	1							.	1
2008 USAF	1 0	1			1					0
2009 USAF	2 0	2							4	-2
TOTAL	9 5	4			1				4	-1
		O C T	N D E V C		M A M A P A R R Y	J J A S U U E B B B B B B B B B B B B B B B B B	O N D C O E T V C	J F M A E A N B R	A M J J A S P A U U U E R Y N L G P	
		RODUCTION RAT	TES			PROCUREMENT LEAD T	IME			
		IN SHIFT UST HOURS				ADMIN LEAD TIME	MFG	TOTAL		
ITEM/MANUFACTURER'S NAME LOCA		DAYS	X			<u>.</u>	TIME	AFTER	1	
GS/Northrop Grumman Rancho	no Bernardo, CA	1 1-8-5	2			PRIOR AFTER 1 OCT 1 OCT		1 OCT		
				INITIAL		2 2	25	27	ı	
DEMARKO				REORDER		2 2	25	27		
REMARKS										

These production rates are for the complete Ground Segment and are separate from the aircraft production rates.

P-1 Shopping List Item No. 30

Production Schedule Exhibit P-21, page 25 of 26

Exhibit P-21, Production Schedule																	Da	ate: F	ebru	uary 2	2010				
Appropriation (Treasury) Code/CC/BA/BSA/I	Item Control Nun	nber											P-	1 Line	e Item	Nome	encla	ture							
Aircraft Procurement, Air Fo	rce, Budge	et Activ	ity 04,	Oth	er Air	craft	, Ite	m N	lo. 3	0			G	LOI	BAL	. HA	Wk	(
S	ACCEP. PRIOR	BALANCE DUE	2011	1	F	ISCAL Y	EAR 20		NDAR '	YEAR 2	2012				1		FIS	CAL Y CA		013 OAR YE	AR 201	13			L A
I DDOCHDEMENT VEAD	TO 1 OCT 2011	AS OF 1 OCT 2011	O N C O T V	D E C	J F A E N 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	T E R
2004 USAF	1 1	0																							0
2005 USAF 2006 USAF	1 1	0				+							-										┢	$\vdash\vdash\vdash$	0
2007 USAF	3 3	0																					┢	\vdash	0
2008 USAF	1 1	0																							0
2010 USAF	2 2	0					4																		-4
TOTAL	9 9	0					4																└		-4
			O N C O T V	D E C	J F A E N 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	N N	J U L	U G	S E P	
		PRODUCTIO							PROC	UREM	_	EAD T	IME												
			HIFT HOURS	M A						ADM LEAD T				MFG			OTAL								
	CATION		DAYS	Χ										TIME			FTER								
GS/Northrop Grumman Ranci	cho Bernardo, CA	1 1	-8-5	2					PRIC 1 00		AFTE 1 00					1	OCT								
					INITIAL					2		2			25			27							
REMARKS					REORDER					2		2			25			27							
KEIVIAKKO																									

These production rates are for the complete Ground Segment and are separate from the aircraft production rates.

P-1 Shopping List Item No. 30

Production Schedule Exhibit P-21, page 26 of 26

Exhibit P-40, Budget Item Jus	stification									Date:	February 2	010	
Appropriation (Treasury) Code/CC/B	A/BSA/Item (Control Number						P-	1 Line Item N	omenclature			
Aircraft Procurement, A	ir Force	Budget A	ctivity 04	4, Other	Aircraft,	Item No.	. 31	G	LOBAL H	HAWK A	dvance	Procurer	ment
Program Element for Code B Item	ıs:	N/A			Other Rela	ted Program	Elements:	-					
	ID Code	Prior Years	FY 2009	FY 2010	FY 2011	OCO	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	To Comp	Total
Proc Qty	A						0						0
Cost (\$ M)							0.000						0.000
Advance Proc Cost (\$ M)		391.360	53.686	113.049	90.200		90.200	116.000	116.100	86.900	85.600	TBD	TBD
Weapon System Cost (\$ M)		391.360	53.686	113.049	90.200	0.000	90.200	116.000	116.100	86.900	85.600	TBD	TBD
Initial Spares (\$ M)							0.000						0.000
Total Proc Cost (\$ M)		391.360	53.686	113.049	90.200	0.000	90.200	116.000	116.100	86.900	85.600	TBD	TBD
Flyaway Unit Cost (\$ M)							0.000		1				
Wpn Sys Unit Cost (\$ M)							0.000						

Description

The Global Hawk System provides high altitude, deep look, long endurance intelligence, surveillance, reconnaissance (ISR), and Battle Management Command & Control (BMC2) enabler capability that compliments space and other airborne collectors during peacetime, crisis, and war-fighting scenarios.

This funding procures 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 employs 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 only integrate the multi-platform radar technology insertion program (MP-RTIP) radar 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 to reduce risk. LRIP will remain at 5 or less per year until successful completion of the initial operational test and evaluation (IOT&E). FY09 schedule breach required reduced procurement to accommodate schedule.

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).

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.

P-1 Shopping List Item No. 31

Budget Item Justification Exhibit P-40, page 1 of 4

Exhibit P-40, Budget Item Justification	Date: February 2010
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. 31	GLOBAL HAWK Advance Procurement

Description

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 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 0207423F.

Due to an inadvertent error the Air Force requests a technical adjustment transferring \$25,600,000 from P-1 Line No. 30 "RQ-4 UAV" to Line No. 31 "RQ-4 UAV Advance Procurement". The following exhibits reflect the requested transfer amounts.

FY 2011 Program Justification

FY11 advance procurement	supports aircraft produced	beginning in FY12 and d	lelivered beginning in F	Y13. The advance p	procurement includes three	Global Hawk
RQ-4B aircraft (with optima	al payload configurations ar	d quantity as determined	l by the user) and assoc	iated support system	is.	

P-1 Shopping List Item No. 31

Budget Item Justification Exhibit P-40, page 2 of 4

					UNCL	ASSIFIEI)						
Exhibit P-10 p.1, Advance (Page 1 - Funding)	Procureme	ent Require	ments Anal	ysis						Date:	February 2	:010	
Appropriation (Treasury) Code/0	C/BA/BSA/Ite	m Control Nun	nber					F	-1 Line Item N	lomenclature			
Aircraft Procurement	t, Air Ford	e, Budge	t Activity	, 04, Othe	er Aircraf	ft, Item N	o. 31		SLOBAL	HAWK A	∖dvance	Procuren	nent
Weapon System						First System	Award Date	•		First System	Completion D	Date	
HAE_AP					(¢ in	Milliona							
	$\overline{}$				(\$ 111	Millions)	FY 2011		1		Γ		
<u>Description</u>	<u>PLT</u>	When Rqd	Prior Years	FY 2009	FY 2010	FY 2011	OCO OCO	FY 2012	FY 2013	FY 2014	FY 2015	To Comp	<u>Total</u>
End Item Qty	+	+	29	5	4	4		5	5	5	4	TBD	61
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CEE			201 260	52.606	112.040	117.000		116,000	116 100	06.000	05.600	TDD	1070 405
CFE			391.360	53.686	113.049	115.800		116.000	116.100	86.900	85.600	TBD	1078.495
GFE													0.000
EOQ			T	· ·							Π		0.000
Design		+	+									 	0.000
Term Liability		+	-										0.000
Term Elabinty		+	+									 	0.000
TOTAL AP	+		391.360	53.686	113.049	115.800	0.000	116.000	116.100	86.900	85.600	0.000	1078.495
Description						l		l				<u>. </u>	
	C 1: 4	C C1 1 1 II	r 1 : 0	2:1	1 1 1	1.1 00	MOE 111	D.E.\					
CFE figures are the long-lead	runding costs	Ior Global H	awk aircraft	with associat	ed payloads	and the GS	MCE and L	RE).					

P-1 Shopping List Item No. 31

Advance Procurement Requirements Analysis (Page 1 - Funding) Exhibit P-10 p.1, page 3 of 4

				UNC	LASSIFII	ED						
Exhibit P-10 p.2, Advance (Page 2 - Budget Justific		quirements	Analysis						Date	: February	2010	
Appropriation (Treasury) Code/	CC/BA/BSA/Item Contr	ol Number						P-1 Line Item	Nomenclature	е		
Aircraft Procuremen	nt, Air Force, Bu	udget Acti	vity 04, Ot	her Aircr	aft, Item	No. 31		GLOBAL	. HAWK	Advance	Procure	ment
Weapon System												
HAE_AP												
				(TOA	\$ in Million	ns)						
				2010			FY 2011					
				Contract	<u>2010 Total</u>		Contract	FY 2011				
					Forecast	Cost		Forecast	Cost	FY 2011	Forecast	Total Cost
Description	<u>PLT</u>	<u>QPA</u>	<u>Unit Cost</u>	2009 QTY	<u>Date</u>	Request	2010 QTY	<u>Date</u>	Request	<u>QTY</u>	<u>Date</u>	Request
End Item				5	Mar-09	656.358	4	May-10	595.224	۷	1 Mar-11	629.266
CFE				5	1	53.686	4	Τ	113.049		1	115.800
GFE						33.000	'		113.017		•	113.000
0.2								1				
EOQ												
Design												
Term Liability												
TOTAL AP						53.686			113.049			115.800
Description												

P-1 Shopping List Item No. 31

Advance Procurement Requirements Analysis (Page 2 - Budget Justification) Exhibit P-10 p.2, page 4 of 4

Exhibit P-40, Budget Item Just	stification									Date:	February 20	010	
Appropriation (Treasury) Code/CC/B	A/BSA/Item (Control Number						P-	1 Line Item N	omenclature			
Aircraft Procurement, A	ir Force	Budget A	ctivity 0	4, Other	Aircraft,	Item No.	. 32	Α	C-130 Re	сар			
Program Element for Code B Item	ns:	N/A			Other Rela	ted Program	Elements:						
	ID Code	Prior Years	FY 2009	FY 2010	FY 2011	OCO	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	To Comp	Total
Proc Qty	A						0	1	2	5	8		16
Cost (\$ M)							0.000	110.323	170.298	458.757	707.913		1447.291
Advance Proc Cost (\$ M)					9.932		9.932	20.000	50.000	80.000			159.932
Weapon System Cost (\$ M)		0.000	0.000	0.000	9.932	0.000	9.932	130.323	220.298	538.757	707.913	0.000	1607.223
Initial Spares (\$ M)							0.000						0.000
Total Proc Cost (\$ M)		0.000	0.000	0.000	9.932	0.000	9.932	130.323	220.298	538.757	707.913	0.000	1607.223
Flyaway Unit Cost (\$ M)							0.000	83.770	86.307	90.794	91.961		
Wpn Sys Unit Cost (\$ M)							0.000	84.954	87.090	91.594	92.457		

Description

The AC-130H Recapitalization will replace and augment the aging USAF fleet of AC-130H Gunship aircraft which are experiencing airworthiness, maintainability, and operational limitations. A common baseline aircraft configuration is being provided for the MC-130 Recap, the HC-130 Recap and new AC-130 Recap programs. The USAF will procure and provide 16 aircraft to USSOCOM along with initial spares and support for conversion into Gunships with Precision Strike Package (PSP) kits.

The AC-130 Recap program also has USSOCOM funds to procure SOF-peculiar modifications to the common configured aircraft purchased by the USAF.

FY 2011 Program Justification

FY 2011 advance procurement funds provide for long lead items for one planned aircraft to be purchased in FY12.

P-1 Shopping List Item No. 32

Budget Item Justification Exhibit P-40, page 1 of 7

Exhibit P-5, Weapon System Cost Analysi	s									Date: Feb	ruary 20	10	
Appropriation (Treasury) Code/CC/BA/BSA/Item Cor	ntrol Number							P-1 Line	e Item Nomer	nclature			
Aircraft Procurement, Air Force, E	Budget A	ctivity	04, Othe	r Aircra	ft, Item	No. 32		AC-1	30 Reca _l	р			
Manufacturer's Name/Plant City/State Location	_			Subline Ite	em			•					
Weapon System	Ident				1		Cost in M	illions of I					
Cost Elements	Code		FY 2009			FY 2010			FY 2011		F	Y 2011 OC	
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
Airframe/Engines/Accessories													
Government Furnished Equipment (GFE)													
Engineering Change Orders (ECO)													
FLYAWAY COST SUBTOTAL													
Airframe Peculiar Ground Support Equipment (PGSE)													
Peculiar Training Equipment									1				
Publications/Technical Data													
Diminishing Manufacturing Sources													
ICS													
ISS									†				
Data													
Post Delivery Support													
Organic Depot Support													
Other Government Costs													
SUPPORT COST SUBTOTAL													
Advance Procurement (Credit)													
Advance Procurement										9.932			
TOTAL PROGRAM										9.932			
Comments		I.			I.								
Since 1 Oct 99 the C-130J program has procured	initial spare	s with BP	10 funds usi	ing the Reei	ngineered	Supply Supp	ort Prograi	m (RSSP).	These fund	s are includ	led in the I	SS line	
above.													
			5 / 5:										
			P-1 Shop	oping List I	tem No.	32				Weapo		m Cost An	

Exhibit P-5A, Procurement F	listory ar	nd Planning	l						Dat	e: February	/ 2010	
Appropriation (Treasury) Code/CC/E	BA/BSA/Ite	m Control Nun	nber					P-1 Line It	em Nomenclatu	ıre		
Aircraft Procurement, A	Air Ford	e, Budge	t Activity	04, Other	Aircraft,	Item No.	32	AC-130) Recap			
Weapon System					Subline Iter	n						
AC-130 Recap												
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 (FY12)	1	81.912	WPAFB		SS	FFP	Lockheed Marti Aeronautical Sy Marietta GA		Dec-10	Mar-14	Yes	
Remarks	-	•		•					•		•	

P-1 Shopping List Item No. 32

Procurement History and Planning Exhibit P-5A, page 3 of 7

Exhibit P-21, Production Sched	ule																			Di	ate: l	ebru	ary 2	2010				
Appropriation (Treasury) Code/CC/BA/E	3SA/Item	Control Nu	ımber													Р	-1 Lin	e Iten	n Nom	encla	ature							
Aircraft Procurement, Air	Force	, Budg	et Acti	vity	04,	Oth	ner /	4irc	raft	, Ite	m N	lo. 3	32			A	\C-1	30 l	Rec	ар								
S		ACCEP. PRIOR	BALANCE DUE		2009			FIS	CAL Y	EAR 2		ZNIDAD	YEAR	2010						FIS		EAR 20 ALEND		AD 201	1			L
PROCUREMENT YEAR E R V	PROC. QTY	TO 1 OCT 2009	AS OF 1 OCT 2009	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	T E R
2012 USAF	1	0	1														·											1
TOTAL	1	0	1																									1
				O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	N D	J U L	A U G	S E P	
			PRODUCT									PRO	CURE	MENT	LEAD	TIME												
ITEM/MANUFACTURER'S NAME	LOCATIO	N		SHIFT HOUF DAYS	RS	M A X								MIN TIME			MFG TIME			TOTAL AFTER								
Lockheed Martin - Aero	Martin Mar	rietta	12			36						PR 1 C		AFT 1 C			IIIVIE			1 OCT								
							INITIA REOR								6			30			36							
REMARKS						-	•					-										-						

55AT C-13038, OSIVIC RC-13038, and foleign afferait fift in what appear to be production schedule gaps.

P-1 Shopping List Item No. 32

Production Schedule Exhibit P-21, page 4 of 7

Exhibit P-21, Production Schedule																		D	ate: I	ebru	uary	2010)			
Appropriation (Treasury) Code/CC/BA/BSA/Iter	n Control Number													Р	-1 Lin	e Iten	n Nom	nencla	ature							
Aircraft Procurement, Air Forc	e, Budget Act	ivity	04,	Oth	ner A	۱irc	raft	, Ite	m N	lo.	32			Δ	\C-1	30	Rec	ар								
S	ACCEP. BALANCE		2011		ı	FIS	CAL Y	EAR 2			DATEAR	2012					ı	FIS	SCAL Y			- A D 20	1.2			L
PROCUREMENT YEAR E PROC R QTY	PRIOR DUE TO AS OF 1 OCT 1 OCT	0	2011 N	D	J	F	M	A	M	J	J J	A	S	0	N	D	J	F	M	ALENL A	M	EAR 20	13 J	A	S	A T
V	2011 2011	T	O V	E C	A N	E B	A R	R	Y Y	N	L	G	P P	T	O V	C	A N	B	R R	R	A Y	N	L	G	P P	R R
2012 USAF	1 0																									1
TOTAL	1 0																									1
		O C	N 0	D E	J A	F E	M A	A P R	M A	J	U J	A U	S	O C	N O	D E	J A N	F E	M A	A P	M A	U	Ŋ	A U G	S E	
	PRODUC	TION DA	V	C	N	В	K	K	Y	IN	L CURE	MENIT	Г	TIME	V	C	IN	В	K	R	Y	IN	L	G	Р	
	MIN	SHIFT		N /						PRC		MIN	LEAD	IIIVIE												
	SUST	HOUR		M								TIME						TOTAL								
ITEM/MANUFACTURER'S NAME LOCATI		DAYS		A							LLAD	, I IIVIL			MFG			AFTER								
Lockheed Martin - Aero Martin M		DATO		36	1					PR	RIOR	ΔF	ΓER	ł	TIME		1	1 OCT								
Eockiecd Martin - Acro	aricta			30	1						OCT		OCT					1001								
					INITIAI								6			30			36							
					REORI	DER																				
REMARKS							-											-		-		-	-		-	

P-1 Shopping List Item No. 32

Production Schedule Exhibit P-21, page 5 of 7

Exhibit P-21, Production So	chedu	ıle																			Da	ate: F	ebru	uary :	2010				
Appropriation (Treasury) Code/CC	/BA/B	SA/Item C	Control Nu	ımber													Р	-1 Lin	e Iten	n Nom	nencla	ture							
Aircraft Procurement,	Air	Force,	Budg	et Acti	vity	04,	Oth	ner A	Airc	raft	, Ite	m N	lo. 3	32			A	\C-1	30 l	Rec	ар								
	S		ACCEP. PRIOR	BALANCE DUE		2013			FIS	CAL Y	EAR 2		ENIDA D	YEAR	2014						FIS	CAL Y		015 OAR YE	AD 20	1.5			L
PROCUREMENT YEAR	E R V	PROC. QTY	TO 1 OCT 2013	AS OF 1 OCT 2013	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	A U G	S E P	T E R
2012 USA		1	0	1						1					Ť														0
2013 USA 2014 USA		5	0	5												2						1	1				2	1	0
TOTAL		8	0	8						1						2						1	1				2	1	0
					O C T	< 0 Z	ОШО	J A N	F E B	M A R	A P R	M A Y	ZCC		A U G	S E P	O C T	< 0 Z	υшО	Z Y C	F E B	M A R	A P R	M A Y	J U	J J	O C >	S E P	
	I			PRODUCT									PRO	CURE	MENT	LEAD	TIME												
ITEM/MANUFACTURER'S NAME		LOCATION	I		SHIFT HOUF DAYS	RS	M A X								MIN TIME			MFG TIME			TOTAL AFTER								
Lockheed Martin - Aero		Martin Mari	etta	12			36						PRI 1 C		AFT 1 C	TER OCT	1	IIIVIE			1 OCT								
								INITIA								6			30			36							
REMARKS				<u> </u>				REOR	DER																				

USAF C-130Js, USMC KC-130Js, and foreign aircraft fill in what appear to be production schedule gaps.

P-1 Shopping List Item No. 32

Production Schedule Exhibit P-21, page 6 of 7

Exhibit P-21, Production Schedule		Date: February 2010
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number		P-1 Line Item Nomenclature
Aircraft Procurement, Air Force, Budget Acti	ivity 04, Other Aircraft, Item No. 32	AC-130 Recap
S ACCEP. BALANCE E PROC. PRIOR DUE	FISCAL YEAR 2016 2015 CALENDAR YE	FISCAL YEAR 2017 L AR 2016 CALENDAR YEAR 2017 A
PROCUREMENT YEAR E PROC. TO AS OF OCT 1 OCT 2015 2015	O N D J F M A M J J C O E A E A P A U U T V C N B R R V N I	A S O N D J F M A M J J A S T U E C O E A E A P A U U U U E E G P T V C N B R R Y N L G P R
2015 USAF 8 0 8		
TOTAL 8 0 8		2 2 0
	O N D J F M A M J J J C O E A E A P A U U T V C N B R R Y N L	A
PRODUCT	TION RATES PROCUF	EMENT LEAD TIME
ITEM/MANUFACTURER'S NAME LOCATION		DMIN AD TIME MFG TOTAL AFTER TIME AFTER
Lockheed Martin - Aero Martin Marietta 12	RIOR 1 OCT	AFTER 1 1 OCT
		1 OCT 20 26
	INITIAL REORDER	6 30 36
REMARKS		-
USAF C-130Js, USMC KC-130Js, and foreign aircraft fill in what appear to be production so	hedule gaps.	

P-1 Shopping List Item No. 32

Production Schedule Exhibit P-21, page 7 of 7

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Exhibit P-40, Budget Item Jus	tification									Date:	February 20	010			
Appropriation (Treasury) Code/CC/B/	A/BSA/Item (Control Number						P-1	Line Item No	menclature					
Aircraft Procurement, A	ir Force	Budget A	ctivity 04	4, Other	Aircraft,	Item No.	32.1	A	C-130 Re	cap AP					
Program Element for Code B Items	ogram Element for Code B Items: N/A Other Related Program Elements: FY 2011 Total FY 2011 FY 2011 FY 2012 FY 2013 FY 2014 FY 2015 To Comp Total														
	ID Code Prior Years FY 2009 FY 2010 FY 2011 OCO FY 2011 FY 2012 FY 2013 FY 2014 FY 2015 To Comp Total														
	ID Code	Prior Years	FY 2012	FY 2013	FY 2014	FY 2015	To Comp	Total							
Proc Qty	A						0						0		
Cost (\$ M)	ID Code Prior Years FY 2009 FY 2010 FY 2011 OCO FY 2011 FY 2012 FY 2013 FY 2014 ID Code Prior Years FY 2009 FY 2010 FY 2011 FY 2011 FY 2012 FY 2013 FY 2014 ID Code FY 2011 FY 2012 FY 2013 FY 2014 ID Code FY 2011 FY 2012 FY 2013 FY 2014 ID Code FY 2011 FY 2012 FY 2013 FY 2014 ID Code FY 2011 FY 2012 FY 2013 FY 2014 ID Code FY 2011 FY 2012 FY 2013 FY 2014 ID Code FY 2011 FY 2012 FY 2013 FY 2014 ID Code FY 2011 FY 2012 FY 2013 FY 2014 ID Code FY 2011 FY 2012 FY 2013 FY 2014 ID Code FY 2011 FY 2012 FY 2013 FY 2014 ID Code FY 2011 FY 2012 FY 2013 FY 2014 ID Code FY 2011 FY 2012 FY 2013 FY 2014 ID Code FY 2011 FY 2012 FY 2013 FY 2014 ID Code FY 2011 FY 2012 FY 2013 FY 2014 ID Code FY 2013 FY 2014 ID Code FY 2013 FY 2014 ID Code FY 2013 FY 2014 ID Code FY 2013 FY 2014 ID Code FY 2013 FY 2014 ID Code FY 2013 FY 2014 ID Code FY 2013 FY 2014 ID Code FY 2014 ID Code FY 2013 FY 2014 ID Code FY 2014														
Advance Proc Cost (\$ M)					9.932		9.932	20.000	50.000	80.000			159.932		
Weapon System Cost (\$ M)		0.000	0.000	0.000	9.932	0.000	9.932	20.000	50.000	80.000	0.000	0.000	159.932		
Initial Spares (\$ M)							0.000						0.000		
Total Proc Cost (\$ M)		0.000	0.000	0.000	9.932	0.000	9.932	20.000	50.000	80.000	0.000	0.000	159.932		
Flyaway Unit Cost (\$ M)							0.000								
Wpn Sys Unit Cost (\$ M)							0.000								

Description

[This budget line item is called "MC 130 in BA 04" on the P-1 Exhibit].

The AC-130H Recapitalization will replace and augment the aging USAF fleet of AC-130H Gunship aircraft which are experiencing airworthiness, maintainability, and operational limitations. A common baseline aircraft configuration is being provided for the MC-130 Recap, the HC-130 Recap and new AC-130 Recap programs. The USAF will procure and provide 16 aircraft to USSOCOM along with initial spares and support for conversion into Gunships with Precision Strike Package (PSP) kits.

The AC-130 Recap program also has USSOCOM funds to procure SOF-peculiar modifications to the common configured aircraft purchased by the USAF.

FY 2011 Program Justification

FY 2011 advance procurement funds will provide long lead items for one planned FY12 aircraft.

P-1 Shopping List Item No. 32.1

Budget Item Justification Exhibit P-40, page 1 of 3

					UNCL	ASSIFIED)						
Exhibit P-10 p.1, Advance (Page 1 - Funding)	e Procureme	ent Requirer	nents Anal	ysis						Date:	February 2	.010	
Appropriation (Treasury) Code/	CC/BA/BSA/Ite	m Control Num	nber					Р	-1 Line Item N	lomenclature			
Aircraft Procuremen	it, Air Ford	e, Budge	t Activity	04, Othe	er Aircraf	ft, Item N	o. 32.1	<u> </u>	AC-130 R	ecap AP			
Weapon System		, ,				First System					Completion D	Date	
AC-130 Recap AP													
					(\$ in	Millions)	777.0011					т т	
<u>Description</u>	<u>PLT</u>	When Rqd	Prior Years	FY 2009	FY 2010	FY 2011	FY 2011 OCO	FY 2012	FY 2013	FY 2014	FY 2015	To Comp	<u>Total</u>
End Item Qty								1	2	5	8		16
CER						0.022		20.000	50.000	00.000			150.022
CFE						9.932		20.000	50.000	80.000	ļ!	 	159.932
GFE													0.000
EOQ		1											0.000
Design													0.000
Term Liability													0.000
													0.000
TOTAL AP			0.000	0.000	0.000	9.932	0.000	20.000	50.000	80.000	0.000	0.000	159.932
Description													
The Advanced Procurement (CFE funding e	nables Lockh	eed Martin to	authorize aı	nd place on c	order materia	ls, equipmer	nt suppliers a	nd subcontra	ctors with su	ifficient lead	time to	
support the planned delivery	-				1		, 1 1	11					
orkhorn and kommen and and a													

P-1 Shopping List Item No. 32.1

Advance Procurement Requirements Analysis (Page 1 - Funding) Exhibit P-10 p.1, page 2 of 3

				UNC	LASSIFII	ED						
Exhibit P-10 p.2, Advand (Page 2 - Budget Justific		quirements	Analysis						Date	: February	2010	
Appropriation (Treasury) Code	e/CC/BA/BSA/Item Contr	ol Number						P-1 Line Iter	n Nomenclatur	е		
Aircraft Procureme	nt, Air Force, Βι	udget Acti	vity 04, Ot	her Aircr	aft, Item	No. 32.1		AC-130	Recap AP	•		
Weapon System	<u> </u>											
AC-130 Recap AP												
				(TOA	, \$ in Million	ns)						
					2009			2010			FY 2011	
					Contract	<u>2009 Total</u>		Contract	<u>2010 Total</u>		Contract	FY 2011
			1 , _		Forecast	Cost		Forecast	Cost	FY 2011	Forecast	Total Cost
<u>Description</u>	<u>PLT</u>	<u>QPA</u>	<u>Unit Cost</u>	2009 QTY	<u>Date</u>	Request	2010 QTY	<u>Date</u>	Request	QTY	<u>Date</u>	Request
End Item											Dec-10	9.932
CFE					T	Т	Т	Т		Т	Т	9.932
GFE		 	+	+	+	+	-	-	+	<u> </u>	+	7.734
Gre												
EOQ					Т	Т		T	$\overline{}$	Τ		
Design			+	+	+	+		+	+		+	+
Term Liability		+	+	+	+	+			+	+	+	+
TOTAL AP			+	+	 	0.000		 	0.000	+	+	9.932
Description												
The Advanced Procurement	t CFF funding enables I	Lockheed Ma	rtin to authorize	e and place or	n order mate	riale equinme	ent cunnliers	and subcon	tractors with	sufficient les	d time to	
support the planned delivery		JUCKIICCU IVIGI	till to authorize	and place of	1 Older mate	mais, equipme	ant suppliers	and subcon	tractors with s	yulliciciit ica	d time to	
support the planned derivery	/ Schedule.											
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P-1 Shopping List Item No. 32.1

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 Jus	tification									Date: I	February 20	010	
Appropriation (Treasury) Code/CC/BA	VBSA/Item C	ontrol Number						P-1	Line Item No	menclature			
Aircraft Procurement, A	ir Force,	Budget A	ctivity 04	4, Other	Aircraft,	Item No.	. 33	PF	REDATO	R UAV			
Program Element for Code B Items	s:	0305219F			Other Relat	ed Program	Elements:						
						FY 2011	Total						
	ID Code	Prior Years	FY 2009	FY 2010	FY 2011	OCO	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	To Comp	Total
Proc Qty	A	282	18				0						300
Total Proc Cost (\$ M)		2423.220	223.600	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.043		2646.865

Description

FY2009 funding totals include a decrease of \$152.4M rescinded in the FY10 Appropriations Bill.

Note: Congressional rescission decreased FY09 procurement quantity to 18.

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 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 operates 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 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; 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, and depot level support).

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

FY 2011 Program Justification

N/A

P-1 Shopping List Item No. 33

Budget Item Justification Exhibit P-40, page 1 of 4

Exhibit P-5, Weapon System Cost Analys	sis									Date: Fel	oruary 20	10	
Appropriation (Treasury) Code/CC/BA/BSA/Item Co	ntrol Number							P-1 Lin	e Item Nomen	clature			
Aircraft Procurement, Air Force, I	Budget A	ctivity (04, Othe	r Aircra	ft, Item	No. 33		PRE	DATOR U	IAV			
Manufacturer's Name/Plant City/State Location				Subline Ite	em								
General Atomics ASI/Rancho Bernardo/CA													
Weapon System	Ident			•		Total	Cost in Mi	llions of I	Dollars				
Cost Elements	Code		FY 2009			FY 2010			FY 2011		I	FY 2011 OCC)
				Total			Total			Total			Total
		Qty	Unit Cost	Cost	Qty	Unit Cost	Cost	Qty	Unit Cost	Cost	Qty	Unit Cost	Cost
MQ-1 Predator Aircraft (1)	A	18	4.026	72.466									
P3I (2)	A												
Production Support (3)	A			28.797									
Ground Control Systems (4)	A	7		18.773									
Communication Systems (5)	A	5		59.543									
Initial Spares/Deployment Support Kits (6)	A			33.126									
Support Equipment (7)	A			10.895									
TOTAL PROGRAM				223.600									
Comments						•							

- (1) Average unit cost includes aircraft with MTS laser sensor, Hellfire capability, and other Government Furnished Equipment(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 communication systems.

P-1 Shopping List Item No. 33

Weapon System Cost Analysis Exhibit P-5, page 2 of 4

Exhibit P-5A, Procurement Hist	ory ar	na Piannin	9					Da	ie. Februar	y 2010	
Appropriation (Treasury) Code/CC/BA/I	BSA/Ite	m Control Nu	mber				P-1 Li	ne Item Nomenclat	ure		
Aircraft Procurement, Air	Ford	e, Budg	et Activity	04, Othei	Aircraft,	Item No.	33 PRE	DATOR UA	V		
Weapon System					Subline Iter	m					
PRED											
WBS Cost Elements	Qty	Unit Cost	Location of PCO	RFP Issue	Contract Method	Contract	Contractor and Locati	on Award Date	Date of First	Specs Available Now?	Date Revision Available?
WB3 Cost Elements	Qty	Cint Cost	100	Date	Wicthou	Type	Contractor and Locati	Manu Date	Denvery	INOW:	Available:
FY 2009	<u> </u>										
RQ-1/MQ-1/General Atomics ASI	18		703 AESG WPAFB OH		SS	FFP	RQ-1/MQ-1/General Atomics ASI, Rancho Bernardo, CA	Nov-08	Apr-10	Yes	
GCS/General Atomics ASI	7		703 AESG WPAFB OH		SS	CPFF	GCS/General Atomics ASI, Rancho Bernardo CA		Jan-12	Yes	
MQ-1 SATCOM	5		703 AESG WPAFB OH		SS	FFP	MQ-1 SATCOM/L-3 Comm, Salt Lake City	Aug-09	Jan-10	Yes	
_											

Remarks

P-1 Shopping List Item No. 33

Procurement History and Planning Exhibit P-5A, page 3 of 4

Exhib	oit P-21, Production	n Sched	ule																			D	ate: l	Febr	uary	2010)			
Approp	oriation (Treasury) Code	e/CC/BA/E	SSA/Item C	ontrol Nu	ımber													Р	-1 Lin	e Iten	n Nom	nencla	ature							
Aircı	raft Procureme	nt, Air	Force,	Budg	et Acti	vity	04 ,	Oth	ner /	Airc	raft	, Ite	m N	lo.	33			F	PRE	DA1	ΓOR	UA	V							
		S		ACCEP.	BALANCE					FIS	CAL Y	EAR 2	010									FIS	SCAL Y	EAR 2	011					L
		F	PROC	PRIOR	DUE		2009						CALI	ENDAI	R YEAR	2010							C	ALENI	OAR YE	EAR 20	11			Α
	PROCUREMENT YEAR	R	QTY	TO 1 OCT	AS OF 1 OCT	O C	N O	D E	J A	F E	M A	A P	M A	J U	J U	A U	S E	O C	N O	D E	J A	F E	M A	A P	M A	J U	J U	A U	S E	T E
		UREMENT YEAR R														P	T	V	С	N	В	R	R	Y	N	L	G	P	R	
200	09	V 2009 2009 T V C N B R R Y N L G USAF 18 0 18														3	2	2	2	2						1				(
TOTAL			18	0	18								3	1	3	3	2	2	2	2										0
						0	N	_	J	F	۸	A	M	J	J	A	S	0	N	D	J	F	M	A	M	J	J	A	S	
						Ιτ	V		N			R	Y	N	L	G	P	Ιτ	V	C	N	В	R	R	Ŷ	N	L	G	P	
					PRODUCT	ION R	ATES							PRC	CURE	MENT	LEAD :	TIME												
					MIN	SHIF	Т	M																						
					SUST	HOU	RS	Α							LEAD	TIME			MFG			TOTAL	L							
ITEM/MA	ANUFACTURER'S NAME		LOCATION			DAY	3												TIME			AFTEF								
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P-1 Shopping List Item No. 33

Production Schedule Exhibit P-21, page 4 of 4

Exhibit P-40, Budget Item Jus	stification				Date: I	February 20	010						
Appropriation (Treasury) Code/CC/B/	A/BSA/Item C	ontrol Number	P-1	Line Item No	menclature								
Aircraft Procurement, A	ir Force,	Budget A	M	Q-9									
Program Element for Code B Item	s:	0205219F											
						FY 2011	Total						
	ID Code	Prior Years	FY 2009	FY 2010	FY 2011	OCO	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	To Comp	Total
Proc Qty	A	53	24	24	36	12	48	48	48	48	48		341
Total Proc Cost (\$ M)		945.447	444.456	487.745	863.595	216.000	1079.595	1092.222	1142.055	1042.217	1053.045		7286.782

Description

Prior year quantities are 53 which brings the quantity total to 255. Prior year funds were included in different program elements.

FY 2009 funding totals include \$87,642,000 appropriated supplemental "Bridge" funding, and \$195,858,000 of appropriated supplemental Overseas Contingency Operations funding.

FY 2011 funding totals include \$216,000,000 requested Overseas Contingency Operations funding.

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 desginator-based attack asset with on-board hard-kill capability (hunter-killer) while performing Intelligence, Surveillance, Reconnaissance and Target Acquisition (ISR TA). 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).

P-1 Shopping List Item No. 34

Budget Item Justification Exhibit P-40, page 1 of 17

Exhibit P-40, Budget Item Justification	Date: February 2010
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. 34	MQ-9
FY 2011 Program Justification Procurement funding includes MQ-9 Reaper aircraft, sensors and weapons kits, mobile and fixed Fround Control Stations (GC and Ground Communication Systems, simulators & training devices, production support, Ground Data Terminals (GDT), initial support equipment, and technical data/training.	
FY11 OCO procurement funding includes MQ-9 Reaper aircraft, sensors and weapons kits, Aircraft and Ground Communications spares, Readiness Spares Package (RSP), and support equipment.	ion Systems, production support, initial
D.4 Channing List Itam No. 24	Durdensk Harry Linekist 43 - 12
P-1 Shopping List Item No. 34	Budget Item Justification Exhibit P-40, page 2 of 17

Exhibit P-5, Weapon System Cost Analy	sis									Date: Feb	ruary 201	10	
Appropriation (Treasury) Code/CC/BA/BSA/Item C	ontrol Number							P-1 Line	Item Nomer	nclature			
Aircraft Procurement, Air Force,	Budget A	ctivity (04, Othe	r Aircra	ft, Item	No. 34		MQ-9					
Manufacturer's Name/Plant City/State Location	1			Subline Ite	em								
General Atomics ASI/Rancho Bernardo/CA													
Weapon System	Ident			•		Total	Cost in Mi	llions of D	ollars				
Cost Elements	Code			FY 2011		F	Y 2011 OCC	O					
			Total			Total			Total				
		Qty	Unit Cost	Cost	Qty	Unit Cost	Cost	Qty	Unit Cost	Cost	Qty	Unit Cost	Cost
MQ-9 Reaper Aircraft (1)	A	24	8.510	204.233	24	10.401	249.617	36	11.390	410.031	12	11.698	140.374
Production Support (2)	A			84.843			88.611			98.376			16.572
Ground Control Systems (3)	A			1.376	11	1.699	18.684	25	3.233	80.822			0.000
Communication Systems (4)	A	1	2.530	2.530	2	5.312	10.624	2	3.033	6.066			0.026
Initial Spares/Deployment Support Kits (5)	A			111.462			90.380			167.788			55.866
Support Equipment (6)	A			40.012			29.829			42.010			3.162
Training Device/Simulator	A			0.000			0.000			40.219			0.000
Advanced sensors	A		0.000			18.283			0.000				
TOTAL PROGRAM				444.456			487.745			863.595			216.000
Comments													

The quantities and associated costs listed in FY09 include \$87.642M appropriated for FY09 Bridge Supplemental and \$195.858M for Overseas Contingency Operations.

- (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 which causes variations in unit cost summaries.
- (5) Initial Spares and deployment support kit costs vary based on support kit content and initial spares requirements.
- (6) Support Equipment includes support equipment and technical data/training.
- The MQ-9 Program will utilize a buy to budget strategy for GCS and communication systems.
- (7) Training Device/Simulator funding buys Predator Aircrew Mission Training Simulators (PMATS), Mission Coordinator Sim Units, and Brief/Debrief Stations to support aircrew training.
- (8) Advanced sensors include ASIP-2C. Sensors are procured as alternate mission equipment, a sensor is not required for every aircraft.

P-1 Shopping List Item No. 34

Weapon System Cost Analysis Exhibit P-5, page 3 of 17

Exhibit P-5A, Procurement H	-		-							e. rebluary	2010	
Appropriation (Treasury) Code/CC/E	BA/BSA/Ite	m Control Nu	mber					P-1 Line Ite	m Nomenclatu	ıre		
Aircraft Procurement, A	Air Ford	e, Budge	et Activity	04, Other	Aircraft,	Item No.	34	MQ-9				
Weapon System					Subline Iter	n						
MQ-9												
WBS Cost Elements	Qty	Unit Cost	Location of PCO	RFP Issue Date	Contract Method	Contract Type	Contractor and l	Location	Award Date	Date of First Delivery	Specs Available Now?	Date Revision Available?
												1
FY 2008	1				~~			_				ļ
MQ-9 Aircraft	20		703 AESG WPAFB, OH		SS	FFP	General Atomic CA	s Poway,	Mar-08	Mar-09	Yes	
GCS/GA ASI	5		703 AESG WPAFB, OH		SS	FFP	General Atomic CA	s Poway,	Jun-10	Jan-12	Yes	
MQ-9 SATCOM / L3 Comm	4		703 AESG WPAFB, OH		SS	FFP	L-3 Comm Salt Lake City U	JT	Nov-08	Jan-09	Yes	
FY 2009												
MQ-9 Aircraft	24		703 AESG WPAFB, OH		SS	FFP	General Atomic CA	s Poway	Nov-09	May-10	Yes	
MQ-9 SATCOM / L3 Comm	1		703 AESG WPAFB, OH		SS	FFP	L-3 Comm Salt Lake City U	JT	May-10	Jun-11	Yes	
FY 2010	•											
MQ-9 Aircraft	24		703 AESG WPAFB, OH		SS	FFP	General Atomic CA	s Poway	Mar-10	Aug-11	Yes	
GCS	11		703 AESG WPAFB, OH		SS	FFP	General Atomic CA	s Poway	Jun-10	Jan-12	Yes	
MQ-9 SATCOM/ L3 Comm	2		703 AESG WPAFB, OH		SS	FFP	L-3 Comm Salt Lake City U	JT	Jun-10	Jul-11	Yes	
FY 2011												
MQ-9 Aircraft	48		703 AESG WPAFB, OH		SS	FFP	General Atomic CA	s Poway	Mar-11	May-12	Yes	
GCS/GA ASI	25		703 AESG		SS	FFP	GCS/GA ASI		Jun-11	Jun-12	Yes	

P-1 Shopping List Item No. 34

Procurement History and Planning Exhibit P-5A, page 4 of 17

Exhibit P-5A, Procurement His	-		-						Dat	e: February	/ 2010	
Appropriation (Treasury) Code/CC/BA	A/BSA/Ite	m Control Nu	mber					P-1 Line Ite	em Nomenclatu	ıre		
Aircraft Procurement, A	ir For	ce, Budg	et Activity	04, Other	Aircraft,	Item No. 3	34	MQ-9				
Weapon System					Subline Iter	n						
MQ-9												
			Location of	RFP Issue	Contract	Contract				Date of First	Specs Available	Date Revision
WBS Cost Elements	Qty	Unit Cost	PCO	Date	Method	Type	Contractor and l	Location	Award Date	Delivery	Now?	Available?
			WPAFB, OH									
MQ-9 SATCOM / L3 Comm	2		703 AESG WPAFB, OH		SS	FFP	L-3 Comm Salt Lake City U	JT	May-11	Jun-12	Yes	
FY 2012	-											
MQ-9 Aircraft	48		703 AESG WPAFB, OH		SS	FFP	General Atomic CA	s Poway	Mar-12	May-13	Yes	
MQ-9 SATCOM / L3 Comm	3		703 AESG WPAFB, OH		SS	FFP	L-3 Comm Salt Lake City U	JT	May-12	Jun-13	Yes	
FY 2013	•											
MQ-9 Aircraft	48		703 AESG WPAFB, OH		SS	FFP	General Atomic CA	s Poway	Mar-13	May-14	Yes	
GCS/GA ASI	10		703 AESG WPAFB, OH		SS	FFP	General Atomic CA	s Poway	Jun-13	Jan-15	Yes	
MQ-9 SATCOM / L3 Comm	3		703 AESG WPAFB, OH		SS	FFP	L-3 Comm Salt Lake City U	JT	May-13	Jun-14	Yes	
FY 2014												
MQ-9 Aircraft	48		703 AESG WPAFB, OH		SS	FFP	General Atomic CA	s Poway	Mar-14	May-15	Yes	
MQ-9 SATCOM / L3 Comm	3		703 AESG WPAFB, OH		SS	FFP	L-3 Comm Salt Lake City U	JT	May-14	Jun-15	Yes	
FY 2015												
MQ-9 Aircraft	48		703 AESG WPAFB, OH		SS	FFP	General Atomic CA	s Poway	Mar-15	May-16	Yes	

P-1 Shopping List Item No. 34

Procurement History and Planning Exhibit P-5A, page 5 of 17

	umber P-1 Line Item Nomenclature		
Exhibit P-5A, Procurement History and Planning	Date: February 2010		
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number			
Aircraft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 34	MQ-9		
Remarks			
P-1 Shopping List Item No. 34	Progurement History and Dispuise		
r-1 Shopping List item No. 34	Procurement History and Planning Exhibit P-5A page 6 of 17		

Exhibit P-21, Productio	nibit P-21, Production Schedule ropriation (Treasury) Code/CC/BA/BSA/Item Control Number																			D	ate:	Febr	uary	2010)				
Appropriation (Treasury) Cod	e/CC/BA/E	3SA/Item (Control Nu	ımber													Р	-1 Lin	e Iten	n Nom	nencla	ature							
Aircraft Procureme	nt, Air	Force	, Budg	et Act	ivity	04,	Oth	ner /	Airc	raft	, Ite	m N	lo. :	34			N	/IQ-9	9										
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2010	USAF	24		24																									2
2011	USAF	48		48	_																								4
2012	USAF	48		48																									4
2013	USAF	48		48														ļ											4
2014	USAF	48	0	48																									4
2015	USAF	48	0	48														ļ							_				4
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P-1 Shopping List Item No. 34

Production Schedule Exhibit P-21, page 7 of 17

Exhibit P-21, Productio	ibit P-21, Production Schedule priation (Treasury) Code/CC/BA/BSA/Item Control Number																			D	ate:	Febr	uary	2010					
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2009	USAF	24		24											2	2	2	2	2	2	2	2	2	2	2	2			
2010	USAF	24		24																							2	2	1
2011	USAF	48		48																									4
2012	USAF	48		48																									4
2013	USAF	48		48																									4
2014	USAF	48		48																									4
2015	USAF	48		48																									4
TOTAL		308	6	302		2	1	1	1	2	2	2	. 1		2	2	2	2	2	2	2	2	2	2	2	2	2	2	26
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P-1 Shopping List Item No. 34

Production Schedule Exhibit P-21, page 8 of 17

Exhibit P-21, Productio	bit P-21, Production Schedule priation (Treasury) Code/CC/BA/BSA/Item Control Number																			D	ate:	Febr	uary	2010)				
Appropriation (Treasury) Cod	e/CC/BA/E	BSA/Item (Control Nu	ımber													Р	-1 Lin	e Iten	n Nom	nencla	ature							
Aircraft Procureme	nt, Air	Force,	Budg	et Acti	ivity	04,	Oth	ner /	Airc	raft	, Ite	m N	lo. 3	34			N	1Q-9	9										
	S	PROC.	ACCEP. PRIOR	BALANCE DUE		2011			FIS	SCAL Y	EAR 2		ENDAR	YEAR	2012						FIS		YEAR 2 ALENI		EAR 20	13			L A
PROCUREMENT YEAR	R V	QTY	TO 1 OCT 2011	AS OF 1 OCT 2011	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	T E R
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2012	USAF	48	0	48	_																			4	4	4	4	4	. 2
2013	USAF	48	0	48	_																		_		_		ļ		
2014	USAF	48	0	48	_																		_		_				4
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REMARKS																													

P-1 Shopping List Item No. 34

Production Schedule Exhibit P-21, page 9 of 17

Exhibit P-21, Production Sche	propriation (Treasury) Code/CC/BA/BSA/Item Control Number																			D	ate:	Febr	uary	2010)			
Appropriation (Treasury) Code/CC/BA	/BSA/Item (Control Nu	mber													Р	-1 Lin	e Iten	n Nom	nencla	ature							
Aircraft Procurement, Ai	r Force	, Budg	et Acti	vity	04,	Oth	ner /	Airc	raft	, Ite	m N	lo. 3	34			N	1Q-9)										
PROCUREMENT YEAR E R V	PROC. QTY	ACCEP. PRIOR TO 1 OCT 2013	BALANCE DUE AS OF 1 OCT 2013	O C	2013 N O	D E	J A	FIS F E B	M A	A P R		ENDAR J U	YEAR J U	2014 A U	S E	O C	N O	D E C	J A N	FIS F E B	CALY C M A R			EAR 20 J U	15 J U	A U G	S E	L A T E
2013 2013 1														Г	1	v		IN	ь	K	K	1	IN	L	U	Г	- K	
2009 USAF	24		0								i										i	1						1
2010 USAF	24	24	0																									
2011 USAF	48	48	0																									
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2013 USAF	48	0	48								4	4	4	4	4	4	4	4	4	4	4	4						
2014 USAF	48	0	48																				4	4	4	4	4	1 2
2015 USAF	48		48																									4
TOTAL	308	136	172	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	1 7
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			PRODUCT									PRO		MENT L	_EAD]	TIME												
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MQ-9/ General Atomics ASI	Poway, CA	•	6	12		48						PR 1 C	OR OCT	AFT 1 O			TIME			1 OCT								
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REMARKS							0.											12			10							

P-1 Shopping List Item No. 34

Production Schedule Exhibit P-21, page 10 of 17

Exi	hibit P-21, Productio	n Sched																				D	ate: I	-ebr	uary	2010)			
App	propriation (Treasury) Cod	e/CC/BA/	BSA/Item (Control N	umber													Р	-1 Lin	e Iten	n Non	nencla	ature							
Aiı	rcraft Procureme	ent, Air	Force	, Budg	jet Acti	ivity	0 4,	Otl	her	Airc	raft	, Ite	m N	lo.	34			N	/IQ-9	9										
		S	PROC.	ACCEP. PRIOR	BALANCE DUE		2007			FIS	SCAL Y	EAR 2		ENDAF	R YEAR	R 2008						FIS		'EAR 2 ALENI	009 DAR YI	EAR 20	09			L A
	PROCUREMENT YEAR	R V	QTY	TO 1 OCT 2007	AS OF 1 OCT 2007	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	T E R
	2008	USAF	5	() 5																									5
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	2010	USAF	11	() 11		ļ						ļ			ļ			ļ								—	—	—	11
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Quantities include both deployable and fixed-site Ground Control Stations (GCS).

P-1 Shopping List Item No. 34

Production Schedule Exhibit P-21, page 11 of 17

Exhib	oit P-21, Productio	n Sched																				D	ate: l	-ebr	uary	2010)			
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Quantities include both deployable and fixed-site Ground Control Stations (GCS).

P-1 Shopping List Item No. 34

Production Schedule Exhibit P-21, page 12 of 17

Ex	hibit P-21, Productio	n Sched	dule																			D	ate: I	Febru	uary	2010)			
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Quantities include both deployable and fixed-site Ground Control Stations (GCS).

P-1 Shopping List Item No. 34

Production Schedule Exhibit P-21, page 13 of 17

Exhibit P-21, Production	on Sched	lule																			D	ate: I	Febr	uary	2010)			
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P-1 Shopping List Item No. 34

Production Schedule Exhibit P-21, page 14 of 17

Exhibit P-21, Production	n Sched	lule																			D	ate: l	Febr	uary	2010)			
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P-1 Shopping List Item No. 34

Production Schedule Exhibit P-21, page 15 of 17

Exhibit P-21, Production	n Sched	lule																			D	ate:	Febr	uary	2010)			
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P-1 Shopping List Item No. 34

Production Schedule Exhibit P-21, page 16 of 17

Exhibit P-21, Production	on Sched	lule																			D	ate:	Febr	uary	2010)			
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P-1 Shopping List Item No. 34

Production Schedule Exhibit P-21, page 17 of 17

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FY 2011 BUDGET ESTIMATES BUDGET ACTIVITY 06 – AIRCRAFT SPARES AND REPAIR PARTS FEBRUARY 2010

PAGE 6 – 0

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Exhibit P-40, Budget Item J	lustificatio	n								Date:	February 2	2010	
Appropriation (Treasury) Code/CC/E					<i>a</i> : •			P-1	Line Item No	omenclature			
Aircraft Procurement,	Air Forc	e, Budget	Activity	06, Airc	raft Spa	res and	Repair						J
Parts, Item No. 80								Ai	rcraft In	itial Spa	res		
Program Element for Code B It	ems:	N/A			Other Rela	ted Progran	n Elements	•					
						FY 2011	Total						
	ID Code	Prior Years	FY 2009	FY 2010	FY 2011	OCO	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	To Comp	Total
Proc Qty	A												
Total Proc Cost (\$ M)			254.673	459.478	622.020	10.900	632.920	613.066	589.853	672.293	653.822		3875.800

Description

FY 2010 funding totals include \$3.291M appropriated for Overseas Contingeony Operations Supplemental.

FY 2011 funding totals include \$10.9M requested for Overseas Contingency Operations Supplemental.

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.

Due to an inadvertent error the Air Force requests a technical adjustment transferring \$11.700M from P-1 Line No. 70 "E-8" to Line No. 80 "Initial Spares/Repair Parts".

FY 2011 Program Justification

In FY11 the F-35 program continues to ramp up in preparation for fielding. Other initial spares programs with large requirements include CV-22, Compass Call and DARP.

P-1 Shopping List Item No. 80

Budget Item Justification Exhibit P-40, page 1 of 4

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Exhibit P-5, Weapon System Cost Anal Appropriation (Treasury) Code/CC/BA/BSA/Item Co								D 4 Lin	e Item Nomer	Date: Fel	oruary 20)10	
Appropriation (Treasury) Code/CC/BA/BSA/Item Co. Aircraft Procurement, Air Force,			v 06 Air	craft Sn	ares a	nd Rena	ir	IP-1 LIN	ie item inomer	iciature			
Parts, Item No. 80	Daaget	Aotivit	y 00, All	orait op	ares a	па пора		LAiro	raft Initia	l Spara			
rants, item No. 60								Airc	i ait iiiitia	i Spare	5		
Manufacturer's Name/Plant City/State Location	n			Subline Ite	m								
Weapon System	Ident						Cost in Mi	llions of					
Cost Elements	Code		FY 2009	TD + 1		FY 2010	77 . 1		FY 2011	T . 1	F	Y 2011 OC	
		Otro	Unit Cost	Total Cost	Otro	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Otro	Unit Cost	Total Cost
INITIAL SPARES (Budget Program 16)		Qty	Unit Cost	254.673	Qty	Unit Cost	459.478	Qty	Ullit Cost	640.417	Qty	Unit Cost	10.900
TOTAL PROGRAM				254.673			459.478			640.417			10.900
Comments				20			.651.76			0.00.117			10,700

P-1 Shopping List Item No. 80

Weapon System Cost Analysis Exhibit P-5, page 2 of 4

Exhibit P-18A, Initi	ial Spare Funding Summary			Date: Februar	y 2010
	Code/CC/BA/BSA/Item Control Number		P-1 Lin	e Item Nomenclature	
Aircraft Procure	ement, Air Force		Aircı	raft Initial Spares	
Initial Spare Funding Summary	Initial Spare Funding Summary		-		
P-1 LINE	END ITEM NOMENCLATURE	<u>FY 2009</u>	<u>FY 2010</u>	FY 2011	<u>FY 2011 OCO</u>
1	B-52 Mods	0.063	8.460	7.050	
2	B-1B Squadrons	2.515	9.883	12.533	
3	B-2 Squadrons	0.830	0.000	15.099	
4	F-15A/B/C/D Squadrons	5.341	1.875	24.529	
5	A-10 Squadrons	0.326	0.664	1.863	
6	F-16	13.316	44.624	7.171	
7	F-15E Squadrons	0.000	0.000	0.000	
8	F-22A Squad	5.829	7.349	11.916	
9	Joint Strike Fighter Squadrons	61.096	129.296	263.573	
11	Aerospace Rescue and Recovery	0.116	1.917	1.623	
12	Precision Attack Systems (Other)	7.897	6.780	5.150	
13	COMPASS CALL	12.431	15.871	53.799	
14	Airborne Warning and Control System (AWACS)	2.461	10.751	18.248	
15	Combat Training Range Equipment	1.729	1.628	1.638	
16	JOINT STARS (E-8C)	8.934	20.836	18.397	
17	Full Combat Mission Training	1.934	5.758	5.253	
18	Combat Development	0.135	0.136	0.135	
19	E-4B National Airborne Operations Center (NAOC)	1.884	2.371	2.102	
21	Aerial Targets (Target Drones)	0.544	0.521	0.523	
22	KC-135 Airborne Broadcast Intelligence (ABI)	10.227	7.047	7.630	
23	C-130 Airlift Squadrons	8.988	3.022	0.000	
25	VC-25A (Operational Support Airlift)	5.654	0.550	0.554	
26	CV-22	50.297	123.037	108.592	
32	JPATS, (T-6)	15.954	2.507	0.457	
32	T-43 Mods	0.058	0.000	0.000	
34	T-38 Mods	0.020	1.278	0.000	
36	T-41 Mods	0.000	0.294	0.000	
51	DARP	36.094	43.823	44.042	
52	MC-12W	0.000	9.200	9.140	
54	KC-10 Mods	0.000	0.000	0.597	
55	MILSATCOM Terminals (Other)	0.000	0.000	12.106	
68	Advanced Targeting Pod	0.000	0.000	0.000	10.900
	TOTAL INITIAL SPARES	254.673	459.478	640.417	10.900

P-1 Shopping List Item No. 80

Initial Spare Funding Summary Exhibit P-18A, page 3 of 4

		UNCLASSIFIED			
Exhibit P-18A, Ini	tial Spare Funding			Date: February	2010
Appropriation (Treasury	y) Code/CC/BA/BSA/Item Control Number		P-1 Line It	tem Nomenclature	
Aircraft Procui	rement, Air Force		Aircra	ft Initial Spares	
nitial Spare Funding	Initial Spare Funding			•	
P-1 LINE	END ITEM NOMENCLATURE	FY 2009	FY 2010	FY 2011	FY 2011 OCO
	WCF SPARES	68.303	140.953	135.445	0.000
	EXEMPT SPARES	186.370	318.525	498.275	10.900
	TOTAL INITIAL SPARES	254.673	459.478	640.417	10.900

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

Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number Aircraft Procurement, Air Force Replenishment Spare Funding Summary P-1 Line Item Nomenclature Aircraft Initial Spa Replenishment Spare Funding Summary P-1 LINE END ITEM NOMENCLATURE FY 2009 FY 2010 0.000 0.000 0.000 0.000				ICLASSIFIED		
Aircraft Procurement, Air Force Replenishment Spare Funding Summary P-1 LINE END ITEM NOMENCLATURE FY 2009 FY 2010 0.000 0.000 0.000	•	Date: February				
Replenishment Spare Replenishment Spare Funding Summary						
Funding Summary Replenishment Spare Funding Summary P-1 LINE END ITEM NOMENCLATURE FY 2009 FY 2010 FY 2011 0.000 0.000 0.000 0.000	oares	t Initial Spares	Aircra		nent, Air Force	
P-1 LINE END ITEM NOMENCLATURE FY 2009 FY 2010 FY 2011 0.000 0.000 0.000 0.					Replenishment Spare Funding Summary	Replenishment Spare Funding Summary
	FY 2011 OCO	FY 2011	FY 2010	FY 2009	END ITEM NOMENCLATURE	P-1 LINE
TOTAL REPLENISHMENT SPARES 0.000 0.000 0	0.000					
	0.000	0.000	0.000	0.000	TOTAL REPLENISHMENT SPARES	
P-1 Shopping List Item No. 80						

UNCLASSIFIED PAGE 6 - 5

Exhibit P-18A, Rep	lenishment Spare Funding			Date	e: Februai	ry 2010
Appropriation (Treasury)	Code/CC/BA/BSA/Item Control Number			P-1 Line Item Nomencl	ature	
Aircraft Procure	ement, Air Force		4	Aircraft Initial	Spares	
Replenishment Spare Funding	Replenishment Spare Funding					
<u>P-1 LINE</u>	END ITEM NOMENCLATURE	FY 2009	<u>FY 2010</u>	FY 201	<u> </u>	FY 2011 OCO
	WCF SPARES	0.000	(0.000	0.000	0.000
	EXEMPT SPARES	0.000	(0.000	0.000	0.000
	TOTAL REPLENISHMENT SPARES	0.000	(0.000	0.000	0.000
		-				1

P-1 Shopping List Item No. 80

Replenishment Spare Funding Exhibit P-18A, page 6 of 6

	Code/CC/BA/BSA/Item Control Number			Item Nomenclature	
	ement, Air Force		Aircr	aft Initial Spares	
Replenishment Spare Funding	Replenishment Spare Funding				
P-1 LINE	END ITEM NOMENCLATURE	FY 2009	FY 2010	FY 2011	FY 2011 OCO
	WCF SPARES	0.000	0.000	0.000	0.00
	EXEMPT SPARES	0.000	0.000	0.000	0.00
	TOTAL REPLENISHMENT SPARES	0.000	0.000	0.000	0.00

Replenishment Spare Funding Exhibit P-18A, page 7 of 7

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FY 2011 BUDGET ESTIMATES BUDGET ACTIVITY 07 – AIRCRAFT SUPPORT EQUIPMENT AND FACILITIES FEBRUARY 2010

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FY 2011 BUDGET ESTIMATES BP 12 – APAF/AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT (O&I) FEBRUARY 2010

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)

P-1 NOMENCLATURE:

APAF/AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT (O&I)

AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT (OVERVIEW)

DATE: FEBRUARY 2010

	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	FY2015
QUANTITY							
COST (in Thousands)	\$110,802	\$96,511	\$91,701	\$126,475	\$72,595	\$47,728	\$48,600

Description:

APPROP CODE/BA:

FY2009 funding totals include \$6.250M of appropriated supplemental Overseas Contingency Operation funding.

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	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	FY2015
ANG:	\$2.169	\$14.334	\$3.292	\$2.446	\$2.494	\$2.545	\$2.595
Reserve:	\$0.000	\$ 0.000	\$13.381	\$0.000	\$0.000	\$0.000	\$0.000

Items requested in FY11 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	PAGENO:	Dogo 1 of 1
81	1	Page 1 of 1

		U	NC	LASSIF	IED					
BUDGET ITEM JUSTIFIC	ATION FOR AGGR	EGATED ITE	MS (E	EXHIBIT P-40	(A)		DATE:	FEBRUAF	RY 2010	
APPROP CODE/BA:				P-1 NOMENC	LATURE:		ı			
APAF/AIRCRAFT REPLACEMENT	NT SUPPORT EQUIPME	ENT (O&I)		AIRCRAFT REP	LACEMENT	SUPPORT EQI	JIPMENT ((OVERVIEW)		
		ID			F'	Y2009	FY	2010	FY2011	
PROCUREMENTITEMS		CODE	QTY	r. cost	QTY.	COST	QTY.	соѕт	QTY.	COST
AIRCRAFT REPLACEMENT SUPP (OVERVIEW)	ORT EQUIPMENT									
C-5 ISOCHRONIC MAINTENANCE	PLATFORM	А					1	\$12,269	1	\$13,381
225KW GENERATOR SET		А			2	\$1,374				
BORESIGHT SYSTEM		А			1	\$8,600				
DAC-110 AIR CONDITIONER (3)		A					4	\$9,000		
ITEMS LESS THAN 5 MILLION DO	LLARS	A				\$32,562		\$33,594		\$34,505
ATS PROGRAM MANAGEMENT										
ADVANCED DIGITAL TEST STATI	ON	А				\$19,895		\$16,751		\$5,742
ADVANCED REW TEST STATION	(ARTS)	А							1	\$7,809
USM 670 CORE TEST SET (CTS)		A					9	\$3,820	7	\$3,128
COMMON VERSATILE AUTOMATIC TESTER PROGRAM (1)		А				\$9,151		\$12,363		\$12,763
FLIGHT CONTROL TEST SET (FLCTS)		A			14	\$4,723				
STORES SYSTEM TESTER (SST) - ORGANIZATION LEVEL		А			59	\$15,404	13	\$4,251		
STORES SYSTEM TESTER (SST) LEVEL	- INTERMEDIATE	А			19	\$7,425			11	\$5,500
	I									
	P-1 ITEM NO 81			PAGE 2				Pag	ge 1 of 2	

BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P-40A) FEBRUARY 2010 DATE:

P-1 NOMENCLATURE:

APAF/AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT (O&I)

AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT (OVERVIEW)

	ID			FY2009		FY2010		FY2011	
PROCUREMENTITEMS	CODE	QTY.	COST	QTY.	COST	QTY.	COST	QTY.	соѕт
STORES MGMT TEST SET PROGRAM (2)	А			26	\$11,668	11	\$4,463	11	\$8,873
TOTALS:				121	\$110,802	38	\$96,511	31	\$91,701

Remarks:

APPROP CODE/BA:

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 effort was continued in FY09 under the "Skip Year" funding rule.
- (3) Procurement item submitted in the FY10 PB in "Items Less Than \$5M" under the Federal Stock Class number 4120.

P-1 ITEM NO 81	PAGE NO:	Page 2 of 2

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40) APPROP CODE/BA: APAF/AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT (O&I) FY2009 FY2010 P-1 NOMENCLATURE: C-5 ISOCHRONAL MAINTENANCE STAND FY2012 FY2013 FY2014 FY2015

Description:

COST

QUANTITY

(in Thousands)

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 forty mobile platforms, sixteen 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.

\$12,269

\$13.381

\$0

\$0

\$0

\$0

\$0

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	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	FY2015
A	ANG	\$	\$12,269	\$	\$	\$	\$	\$
R	Reserve	\$	\$	\$13,381	\$	\$	\$	\$

Items requested in FY11 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.

P-1 ITEM NO	PAGE NO:	Page 1 of 1
81	4	Page 1 of 1

WEAPON SYSTEM COST	ANALYSIS (EXHIE	BIT P-5)								DATE:	FEBRU/	ARY 2	010	
APPROP CODE/BA:				P-1 N	OMENC	ATUR	E:							
APAF/AIRCRAFT REPLACEMENT	NT SUPPORT EQUIPME	ENT (O&I)		C-5 IS	OCHRON	AL MAII	NTENAN	ICE STANI	D					
WEAPON SYST	EM	ID					FY200)9		FY201	0		FY201	1
COST ELEMEN		CODE	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST
C-5 ISO CHRONO MAINTENANCE ST	AND	А								1 \$12,268,758	{\$12,269}		\$13,380,854	{\$13,381}
ACTIVE														
ANG										1 \$12,268,758	\$12,269			
RESERVE													\$13,380,854	\$13,381
TOTALS:										1	\$12,269			\$13,381
Total Cost information is in the Projected Allocations for Research	erve Component Requ	irements (S	ubject	to Tota			and pric	ority).						
	P-1 ITEM NO 81				PAGI	E NO : 5					Pa	age 1	of 1	

DATE: FEBRUARY 2010

BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)

APPROP CODE/BA:				P-1 NO	MENCLATURE	:				
APAF/AIRCRAFT REPLACEMENT	SUPPORT E	QUIPMENT (O	&I)	C-5 ISO	CHRONAL MAIN	TENANCE STAND				
ITEM NAME/ FISCAL YEAR	QTY.	UNIT COST	LOCATION O	F PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL
C-5 ISO CHRONO MAINTENANCE STAND										
FY2010(1)	1	\$12,268,758	AFMC/WR- <i>F</i>	ALC	OPT/FFP	KERN STEEL/ BAKERSFIELD, CA	Apr-10	Apr-11	Yes	
FY2011(1)	1	\$13,380,854	AFMC/WR-A	ALC	OPT/FFP	KERN STEEL/ BAKERSFIELD, CA	Apr-11	Apr-12	Yes	
1) Basic contract FA8533-08-C-acceptance Feb 2010.			I June 2008.	Contrac		e 2011. FY10 award w	vill take pla	ace after 1	st Article	
	P-1 ITEM 81	NO		PAGE NO : 6			Page	1 of 1		
			LINC	ΙΔς	SSIFIFD					

					UIV		_/-	13	J	П		U																
PRESIDENT'S BUDGET	PRO	DUCTI	ON SCHI	EDULE	(EXHIE	BIT F	2 -21	1)										D	ATE	<u>:</u>	FE	BRI	JAF	Y 2	010			
APPROP CODE/BA: APAF/AIRCRAFT REPLACEM	IENT SI	UPPOR	T EQUIPME	:NT (O&I)	<u> </u>							RE:	ENA	NCE	E ST	ANI												
			ACCEP.	BAL	2009				CA	LEN	DAR	2010									C/	ALEN	DAR	2011			-T	
ITEM/MANUFACTURER/	0551	PROC.	PRIOR TO	DUE AS					FY20												FY20							
PROCUREMENT YEAR	SERV.	QTY.	1 OCT.	OF 1 OCT.	OCT NOV	/ DEC	JAN				MAY	JUN	JUL	AUG	SEP	ОСТ	NOV	DEC	JAN	1			MAY	JUN	JUL	AUG	SEP	Later
C-5 ISO CHRONO MAINTENANCE STAND																										$\overline{}$		
KERN STEEL																						\Box				\neg		
FY2010	AF	1	0	1						С												1						
FY2011	AF	1	0	1																		С						1
TOTALS		2		2																		1						1
			ACCEP. PRIOR TO	BAL DUE AS	2011				CA	LEN	DAR	2012									CA	ALEN	DAR	2013	5			
ITEM/MANUFACTURER/	SERV.	PROC. QTY.	1 OCT.	OF 1 OCT.					FY20	12											FY20)13						
PROCUREMENT YEAR		QII.			OCT NOV	/ DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ост	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	Later
C-5 ISO CHRONO MAINTENANCE STAND																						\vdash	\Box	\rightarrow		-+	-	
KERN STEEL																			+		\vdash	$\vdash \vdash$		\neg	-+	-+		
FY2010	AF	1	1																		\vdash	\vdash	\Box	\neg	\rightarrow	\rightarrow		
FY2011	AF	1	0	1						1												\Box		$\overline{}$	$\overline{}$	\rightarrow		
TOTALS		2	1	1						1																$\overline{}$		
MANUFACTURER'S		PR	ODUCTIONR	ATES			'										Р	ROC	URE	MEN	TLE/	AD TII	ME					
NAME AND LOCATION	MIN	SUST	1-8-5	MAX	(ΑI	OMIN	LEA	D TII						JFAC				TOT	AL	
												PRIO	R TO	100	ст	AFT	ER1	OC.	г		PL	LT		\top		100	СТ	
KERN STEEL/BAKERSFIELD CA	1			1			NITIAI																					
NERT OTELEBBAREROTIEED OA	<u> </u>			<u>'</u>			EORI									6				12				+	18			
							EUKI	DEK							_	-				12				+	10			
Remarks: FY08 First Article Delivery Basic Contract FA8533-08- Projected Allocations for R Qty FY2010 FY201 ANG AFR	-RC-00	004 w/3 Compo	opt yrs aw	arded Ju	ne 2008	3.					ema	and a	and	pric	prity	7).												
		P-1 ITE 8′							PA	GE 7	NO	:										F	⊃ag	e 1	of 1			

BUDGET ITEM JUSTIFICA	ATION (EXHIBIT P-40)					DATE: FEBR	UARY 2010	
APPROP CODE/BA:			P-1 NOMENCE	ATURE:				
APAF/AIRCRAFT REPLACEMENT	NT SUPPORT EQUIPMENT (O&	d)	225KW GENERA	ATOR SET				
		FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	FY2015
QUANTITY								
COST (inThousands)		\$1,374	\$0	\$0	\$0	\$0	\$0	\$0
Description:		·	·					
This 225KW, 400 HZ, Diesel-Airborne Warning and Control The aircraft will have to run its engines, burn a large amount of activities would be affected. Trequiring coordination between	System (AWACS), EC-18A. S jet engines to provide power f jet fuel, and add additional a This generator supports overse	/D Advanced without the 2 maintenance cas contingence	Range Instrume 225KW Diesel E costs to the aircra cy operations, No	ntation Aircra Ingine Driven aft. In addition	oft (ARIA), I Generator. on Battle Fie Greaty Organ	EC130H, E-8C, This would should, Air Operationization (NATO	and E4B Airc rten the life of ns and Survei) forces, and a	raft. f the jet llance
	P-1 ITEM NO 81		PAGE 8	NO:			Page 1 of	1
	01		0					

MATE PERU								<u></u>							
## APAF/AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT (O&I) ### APAF/AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT (O&I) ### APAF/AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT (O&I) ### APAF/AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT (O&I) ### APAF/AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT (O&I) ### COST ELEMENTS ### APAF/AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT (O&I) ### COST ELEMENTS ### APAF/AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT (O&I) ### APAF/AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT (O&I) ### APAF/AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT (O&I) ### APAF/AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT (O&I) ### APAF/AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT (O&I) ### APAF/AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT (O&I) ### APAF/AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT (O&I) ### APAF/AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT (O&I) ### APAF/AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT (O&I) ### APAF/AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT (O&I) ### APAF/AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT (O&I) ### APAF/AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT (O&I) ### APAF/AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT (O&I) ### APAF/AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT (O&I) ### APAF/AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT (O&I) ### APAF/AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT (O&I) ### APAF/AIRCRAFT SUPPORT EQUIPMENT (O&I) ### APAF/AIRCRAFT SUPPORT EQUIPMENT (O&I) ### APAF/AIRCRAFT SUPPORT EQUIPMENT (O&I) ### APAF/AIRCRAFT SUPPORT EQUIPMENT (O&I) ### APAF/AIRCRAFT SUPPORT EQUIPMENT (O&I) ### APAF/AIRCRAFT SUPPORT EQUIPMENT (O&I) ### APAF/AIRCRAFT SUPPORT EQUIPMENT (O&I) ### APAF/AIRCRAFT SUPPORT EQUIPMENT (O&I) ### APAF/AIRCRAFT SUPPORT EQUIPMENT (O&I) ### APAF/AIRCRAFT SUPPORT EQUIPMENT (O&I) ### APAF/AIRCRAFT SUPPORT EQUIPMENT (O&I) ### APAF/AIRCRAFT SUPPORT EQUIPMENT (O&I) ### APAF/AIRCRAFT SUPPORT EQUIPMENT (O&I) ### APAF/AIRCRAFT SUPPORT EQUIPMENT (O&I) ### APAF/AIRCRAFT SUPPORT EQUIPMENT (O&I) ### APAF/AIRCRAFT SUPPORT EQUIPMENT (O&I) ### APAF/AIRCRAFT SUPPORT EQUIPMENT (O&I) ### APAF/AIRCRAFT SUPPORT EQUIPMENT (O&I) ### APAF/AIRCRAFT SUPPORT	WEAPON SYSTEM COST	ANALYSIS (EXHI	BIT P-5)								DATE:	FEBRU	ARY 20	010	
## APAF/AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT (O81) ## APAF AIRCRAFT SUPPORT EQUIPMENT (O81) ## APAF AIRCRAFT SUPPORT EQUIPMENT (O81)	APPROP CODE/BA:				P-1 N	OMENCL	.ATUR	E:		·					
COST ELEMENTS COST QTY Unit COST QTY UNIT QT		NT SUPPORT EQUIPME	ENT (O&I)		225KW	/ GENERA	TOR S	ET							
COST ELEMENTS	WEAPON SYST	EM	ID.					FY200	9		FY201	0		FY201	1
1ST FIRST ARTICLE TOTALS: Remarks: Total Cost information is in thousands of dollars. P-1 ITEM NO PAGE NO: Page 1 of 1			CODE	QTY		TOTAL COST	QTY		TOTAL COST	QTY		TOTAL COST	QTY		
TOTALS: Remarks: Total Cost information is in thousands of dollars. P-1 ITEM NO PAGE NO: Page 1 of 1	225KW GENERATOR SET		А				2	\$275,000	\$550						
Remarks: Total Cost information is in thousands of dollars. P-1 ITEM NO PAGE NO: Page 1 of 1	1ST FIRST ARTICLE								\$824						
Total Cost information is in thousands of dollars. P-1 ITEM NO PAGE NO: Page 1 of 1	TOTALS:						2	<u>.</u>	\$1,374						
Page 1 of 1	Total Cost information is in the	nousands of dollars.													
												Р	age 1	of 1	

	HISTORY PLA	NNING (EXHIBIT P-	5A)			DATE: FE	BRUARY	2010	
APPROP CODE/BA:				P-1 NO	MENCLATURE	:	-			
APAF/AIRCRAFT REPLACEMENT	T SUPPORT EQUIP	PMENT (O	&I)	225KW	GENERATOR SE	Γ				
ITEM NAME/ FISCAL YEAR	QTY.	UNIT COST	LOCATION O	OF PCO	CONTRACT METHOD & TYPE	CONTRACTO		DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL
225KW GENERATOR SET										
FY2009(1)	2	\$275,000	AFMC/WR-	-ALC	C/FFP W/OPT	UNKNOWN	Sep-10	May-12	Yes	
Cost information is in actual dol Procurement item was identified in September 2010 and First Art	l in the FY09 PB									
Diesel Generator will produce and (1) FY09 will be a competitive c	dditional 25KW.		·					Diesel Ge	nerator Se	t as the

PRESIDENT'S BUDGET	PRO	PRODUCTION SCHEDULE (EXHIBIT P-21) P-1 NOMENCLATURE: 225KW GENERATOR SET																D	ATE	Ξ:	FE	BRU	JAF	₹Y 2	010	ļ			
APPROP CODE/BA: APAF/AIRCRAFT REPLACEMI	ENT SI	UPPOR1	Γ EQUIPME	ENT (O&I)			P -	1 N 5KV	OM V GE	ENE	CL/ RA1	ATU FOR	IRE: SET	-															
			ACCEP.	BAL	2	009				CA	ALEN	IDAF	2010)								C/	ALEN	DAR	2011				
ITEM/MANUFACTURER/	SERV.	PROC.	PRIOR TO 1 OCT.	DUE AS OF 1 OCT.						FY20)10											FY20)11						
PROCUREMENT YEAR	SERV.	QTY.	1 001.	01 1 001.	OCT	NOV	DEC	IAN				MAN	/ ILINI	11.11	ALIC	SEE	OCT	NOV	DEC	IAN	_	_		MAY	шы		ALIG	SED	Later
225KW GENERATOR SET					1001	INOV	DLC	JAN	1 LD	IVIZALA	ALIX	IVIA	3014	JOL	700	JEI	001	IVOV	DLO	JAN	1 20	IVIAIN	- A N	IVIAT	3014	JOL	700	JLI	Later
UNKNOWN																					\vdash	-	\vdash	\vdash	\vdash	\rightarrow	\rightarrow		
FY2009	AFR	2	0	2												С					\vdash	-	\vdash	\vdash	$\overline{}$	\rightarrow	\rightarrow		2
TOTALS		2		2												_					\vdash		+-	\vdash	$\overline{}$	\rightarrow	\rightarrow		2
TOTALS		_	ACCEP.	BAL	2	011				C/	\		R 2012										ALEN		2012				
ITEM/MANUFACTURER/		PROC.	PRIOR TO	DUE AS		.011						IDAF	2012											DAR	2013	-			
PROCUREMENT YEAR	SERV.	QTY.	1 OCT.	OF 1 OCT.						FY20												FY20							
					ОСТ	NOV	DEC	JAN	FEB	MAR	APR	MAY	/ JUN	JUL	AUG	SEF	ОСТ	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	Later
225KW GENERATOR SET																													
UNKNOWN																													
FY2009	AFR	2	0	2								2																	
TOTALS		2		2								2																	
MANUFACTURER'S		PR	ODUCTIONR	ATES														Р	ROC	URE	MEN.	TLE/	AD TII	ME					
NAME AND LOCATION	MIN	SUST	1-8-5	MAX	(ΑI	DMIN	I LEA	AD TII	ИΕ			N	ΙΑΝΙ	JFAC	T.			TO	ΓAL	
													PRIC	RTC	10	СТ	AFT	ER1	ОСТ	г		PI	LT				10	СТ	
UNKNOWN/	1			6			IN	IITIAI																					
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Remarks:																													
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BUDGET ITEM JUSTIFICA	ATION (EXHIBIT P-	40)				DATE: FEBF	RUARY 2010	
APPROP CODE/BA:			P-1 NOMENCI	LATURE:				
APAF/AIRCRAFT REPLACEMENT	NT SUPPORT EQUIPME	ENT (O&I)	BORESIGHT SY	/STEM				
		FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	FY2015
QUANTITY								
COST (in Thousands)		\$8,600	\$0	\$0	\$0	\$0	\$0	\$0
Description:	'	,						
Boresighting is used to harmon calibrate the critical weapons's navigation systems, radar, pilo i.e. Radar, Heads Up Display (Altitude Navigation and Targe Boresighting adapters are rigid to be sturdy enough to support	systems used by the pit display, munitions, a HUD) Internal Navigating Infrared for Night	lot and aircraft avionand Angle of Attack pation Unit (INU) Joint (Lantirn) pods are us	ics. The basic by robes, ensure act Helmet Mount sed for positioning the measurement.	coresight required curate delivered Cueing Sysing the weaponsystem to the	irement of p ry of ordnan stem (JHMC ons system m	roviding accura ce on targets. A CS) Cockpit Ma nounts to determine tain points. T	te aircraft sens Aircraft specifi pping Robot a nine the flight These adapters	sors, c adapter kits, and Low- worthiness.
	P-1 ITEM NO 81		PAGE 12				Page 1 of	1

WEAPON SYSTEM COST	ANALYSIS (EXHIE							ı	DATE:	FEBRU.	ARY 20	010		
APPROP CODE/BA:				P-1 N	OMENCL	ATUR	E:							
APAF/AIRCRAFT REPLACEMEN	NT SUPPORT EQUIPME	ENT (O&I)		BORE	SIGHT SY	STEM								
WEAPON SYST	FM	ID					FY200	9		FY201	0		FY201	1
COST ELEMEN		CODE	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST
BORESIGHT ADAPTER F-15		А				1	\$500,000	\$500						
DATA								\$3,800						
BORESIGHT ADAPTER F-16 (1)		А				1	\$500,000	\$500						
DATA								\$3,800						
TOTALS:						2		\$8,600						
P-1 ITEM NO PAGE NO: 81 13											P	age 1	of 1	

DATE: FEBRUARY 2010

BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)

APPROP CODE/BA:				P-1 NO	MENCLATURE:	:				
APAF/AIRCRAFT REPLACEMEN	IT SUPPORT EC	QUIPMENT (O	&I)	BORES	IGHT SYSTEM					
ITEM NAME/ FISCAL YEAR	QTY. UNIT LOCATION				CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL
BORESIGHT ADAPTER F-16										
FY2009	1	\$500,000	AFMC/WR-A	ALC	C/FFP W/OPT	UNKNOWN	Apr-10	Oct-10	Yes	
BORESIGHT ADAPTER F-15										
FY2009	1	\$500,000	AFMC/WR-A	ALC	C/FFP W/OPT	UNKNOWN	Apr-10	Oct-10	Yes	
	P-1 ITEM N	10			PAGE NO:					
			14			Page	1 of 1			
			UNC	LAS	SSIFIED					

PRESIDENT'S BUDGET	PRO	DUCT	ION SCHI	EDULE	(EX	HIB	IT I	P-2	1)										D	ATE	≣:	FE	BRI	UAF	RY 2	010)	
APPROP CODE/BA: APAF/AIRCRAFT REPLACEMI	ENT S	UPPOR	T EQUIPME	NT (O&I)			P	-1 N ORE	ION ESIG	1EN SHT	CL/ AD/	ATU Apte	JRE: ER F	-15														
			ACCEP.	BAL	2	009							R 2010									C	ALEN		2011	_		
ITEM/MANUFACTURER/	05501	PROC.	PRIOR TO 1 OCT.	DUE AS OF 1 OCT.						FY2												FY20						1
PROCUREMENT YEAR	SERV.	QTY.	1 001.	OF TOCT.	OCT	NOV	DEC		FEE	_	_		/ 11.181		ALIC	CEE	007	NOV	, ,,		_	_	_	TMAX	шы		AUG SE	P Later
BORESIGHT ADAPTER F-15					001	NOV	DEC	JAN	V FEE	IVIA	APP	IVIA	JUN	JUL	AUG	SEF	001	NOV	DEC	JAN	FEB	IVIAR	APR	IVIAT	JUN	JUL	AUG SE	Latel
UNKNOWN																								\vdash	\vdash	\rightarrow		
FY2009	AF	1	0	1							С						1							\vdash	\vdash	\rightarrow	$\overline{}$	+
TOTALS		1		1							+						1							\vdash	\Box	\dashv		
			ACCEP.	BAL	2	011				C	ALEN	JDAF	R 2012	2					1			C	ALEN	JDAR	2013			+
ITEM/MANUFACTURER/	0551	PROC.	PRIOR TO 1 OCT.	DUE AS OF 1 OCT.						FY2												FY20						1
PROCUREMENT YEAR	SERV.	QTY.	1 001.	OF TOCT.	0.07	NOV	DE 0			_	_					055	0.07		, , ,		_	_	_	J			4110 05	P Later
					001	NOV	DEC	JAN	N FEE	MAF	APF	MAY	JUN	JUL	AUG	SEF	001	NOV	DEC	JAN	I FEB	MAR	APR	MAY	JUN	JUL	AUG SE	Later
BORESIGHT ADAPTER F-15											-														\vdash			
UNKNOWN FY2009	AF	1	1							1														\vdash		\dashv	\vdash	+
TOTALS		1	1								+													\vdash	\vdash	\rightarrow		
MANUFACTURER'S			RODUCTIONR	ATEQ															POC	URE	MEVI	TIE	AD TI	ME				
NAME AND LOCATION	MINI	SUST	1-8-5	MAX	,									Λ	DMIN	JIE/	AD TII		KOC	JOKE		VIANU			\neg		TOTAL	
NAMEANDECCATION	IVIIIA	3031	1-0-5	IVIA	`	+						-	PRIC				AFT		001	г	- '		LT	71.	+		101A	
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UNKNOWN/	1			1				NITIA																	_			
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Remarks:																												
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PRESIDENT'S BUDGET	PRO	DUCT	ON SCHI	HEDULE (EXHIBIT P-21) P-1 NOMENCLATURE																ATE	Ξ:	FE	BR	UAR	₹Y 2	010)		
APPROP CODE/BA: APAF/AIRCRAFT REPLACEMI	ENT SI	JPPOR [.]	T EQUIPME	NT (O&I)			P B	-1 N ORE	IOM ESIG	IEN HT	CL/ ADA	ATU I APTE	RE: R F-	16															
			ACCEP.	BAL	20	009				C/	\LEN	IDAR	2010									С	ALEN	NDAR	2011			$\neg \top$	
ITEM/MANUFACTURER/	OEDV/	PROC.	PRIOR TO 1 OCT.	DUE AS OF 1 OCT.						FY20												FY2							
PROCUREMENT YEAR	SERV.	QTY.	1 001.	OF 1 0C1.	007	NOV	DEO		, EED	_	_				A110	050	007	NOV	, , ,			_	_				AUG S	\	Later
					001	NOV	DEC	JAN	FEB	IVIAR	APR	IVIAY	JUN	JUL	AUG	SEP	001	NOV	DEC	JAN	FEE	IVIA	APR	IVIAY	JUN	JUL	AUG 3	DEP	Later
BORESIGHT ADAPTER F-16									-										-			-	-	\perp	\vdash				
UNKNOWN	AF	1	0	1																			-		\vdash			_	
FY2009	AF	1	0	1							С						1						-		\vdash			_	
TOTALS		'	ACCEP.	BAL		0.1.1							0040				1						41.5						
ITEM/MANUEACTURED/		PROC.	PRIOR TO	DUE AS	20	011						IDAR	2012											NDAR	2013	3		_	
ITEM/MANUFACTURER/ PROCUREMENT YEAR	SERV.	QTY.	1 OCT.	OF 1 OCT.	L					FY20)12											FY2	013						
PROCONLINENTILAR					ОСТ	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ОСТ	NOV	DEC	JAN	FEE	MAF	R APR	MAY	JUN	JUL	AUG S	SEP	Later
BORESIGHT ADAPTER F-16																													
UNKNOWN																													
FY2009	AF	1	1																										
TOTALS		1	1																										
MANUFACTURER'S		PR	ODUCTIONR	ATES														Р	ROC	URE	MEN	TLE	ADTI	ME					
NAME AND LOCATION	MIN	SUST	1-8-5	MAX	(ΑI	MIMC	ILEA	DTI	ME				MAN	UFAC	 T.	\top		TOT	AL	
													PRIO	R TO	10	СТ	AFT	ER 1	OC	г		P	LT		+		100	T	
UNKNOWN/	1			1				NITIA	\I																\top				
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Remarks:																													
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		0.10						
BUDGET ITEM JUSTIF	ICATION (EXHIBIT P-40)					DATE: FEBF	RUARY 2010	
APPROP CODE/BA:			P-1 NOMENCI	_ATURE:		1		
	MENT SUPPORT EQUIPMENT (O	&I)	DAC-110 AIR CO	ONDITIONER				
		FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	FY2015
QUANTITY								
COST (in Thousands)		\$0	\$9,000	\$0	\$6,011	\$2,786	\$2,274	\$2,319
Description:	·				·			
(PPM) of 50 degree air into Air conditioner shall opera overall weight of the air co Operational assessments de and jeopardizing critical re AC units operate up to 125 systems caused corrosion to C-17. Lack of dependable	oner (DAC-110) is a trailer-mount of a separate, individually control te in ambient temperatures up to anditioner shall not exceed 13,00 etermined that due to high temperonnaissance flights. An AC undegrees). Temporary fixes (expolated by the bound of the conditioning equipment will avionic systems as well as personnaissance systems as well as personnaissance.	lled 12 inch ou 140 degrees. 0 pounds per a eratures in the l it capable to w . updated main lure. Aircraft cause operatio	tlet ducts. Each Overall dimensional impacts such mits the war fight	outlet shall be ions of this until the air content temperatur sting systems unit include (h as reschedulaters' flexibilit	e capable of hit shall not enditioners we res up to 140 have been but not limit ling or delay	ere failing, affect degrees is required to): JSTARS	PPM of condi 04"W, and 94" eting operation aired (commer cowever, the m S, EC-130, KC	tioned air. H. Maximum hal readiness cially viable histing C-134, C-5 and
	P-1 ITEM NO		PAGE				Page 1 of	1

WEAPON SYSTEM COST	ANALYSIS (EXHIBIT	P-5)								ATE:	FEBRUA	ARY 20	010	
APPROP CODE/BA: APAF/AIRCRAFT REPLACEMEN	NT SUPPORT EQUIPMEN	T (O&I)			OMENCL 10 AIR CC									
							FY200	19		FY201	0		FY201	1
WEAPON SYSTI COST ELEMEN		CODE	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST
DAC 110 (1)		А							4	\$500,000	\$2,000			
1ST FIRST ARTICLE TESTING											\$4,000			
DATA											\$3,000			
TOTALS:									4		\$9,000			
(1) Procurement item was prev	viously submitted in the	FY10PB	under	Items L	ess than \$	S5M.								
	P-1 ITEM NO 81				PAGE 1	8 8					Pa	age 1	of 1	

BUDGET PROCUREN	MENT HISTORY PL	ANNING (EXHIBIT P-			DATE: FE	BRUARY	2010		
APPROP CODE/BA: APAF/AIRCRAFT REPLAC	EMENT SUPPORT EQ	UIPMENT (O	&I)		MENCLATURE 0 AIR CONDITION					
ITEM NAME/ FISCAL YEAR	QTY.	UNIT COST	LOCATION C	OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL
DAC 110										
FY2010	4	\$500,000	AFMC/WR-	-ALC	C/FFP W/OPT	UNKNOWN	Dec-10	Mar-12	Yes	
FY10 will be a basic contribute.	ract with 4 option yea	ars awarded	to two contra	ectors. E	stimated award I	Dec 2010. First Ar	ticle Acceptar	nce is estin	mated to b	e March
	P-1 ITEM N 81	0			PAGE NO : 19			Page	1 of 1	
		l l	LINIC	N A C	CIFIED					

PRESIDENT'S BUDGET	PRO	DUCT	ION SCH	EDULE ((EXI	HIB	IT I	P-2	1)										D	ATE	≣:	FE	BRU	JAR	Y 2	010	ļ		
APPROP CODE/BA: APAF/AIRCRAFT REPLACEMI	ENT S	UPPOR	T EQUIPME	:NT (O&I)			P D	-1 N AC-	IOM 110	I EN AIR	CL/	ATU NDIT	RE:	ER															
			ACCEP.	BAL	20	009				CA	ALEN	IDAR	2010									C	ALEN	IDAR	2011		_		
ITEM/MANUFACTURER/	eenv.	PROC.	PRIOR TO 1 OCT.	DUE AS OF 1 OCT.						FY20												FY20							
PROCUREMENT YEAR	SERV.	QTY.	1 001.	OF TOCT.		NOV	DEG		_	_	_	MANY			ALIO	055	007	- NOV	DEC		_	_	_	NAAN/			AUG S		ater
					001	NOV	DEC	JAN	FEB	IVIAR	APK	IVIAY	JUN	JUL	AUG	SEP	001	NOV	DEC	JAN	FEB	WIAR	APR	IVIAY	JUN	JUL	AUG S	EP Lo	alei
DAC 110																						₩	 	\vdash	$\overline{}$	-	_		
UNKNOWN FY2010	AF	4	0	4															С			+	+	\vdash					4
TOTALS	Ai	4		4					-										-			+	+	\vdash		-	_	_	4
TOTALS			ACCEP.	BAL	20	011					\	IDAR	2012										ALEN		2012				
ITEM/MANUFACTURER/		PROC.	PRIOR TO	DUE AS	20	UII						IDAK	2012											DAK	2013			_	
PROCUREMENT YEAR	SERV.	QTY.	1 OCT.	OF 1 OCT.					_	FY20											_	FY20	_						
					ОСТ	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEF	ОСТ	NOV	DEC	JAN	FEB	MAR	₹ APR	MAY	JUN	JUL	AUG S	EP La	ater
DAC 110																													
UNKNOWN																													
FY2010	AF	4	0	4						4																			
TOTALS		4		4						4																			
MANUFACTURER'S		PRODUCTIONRATES											Р	ROC	URE	MEN	TLE	AD TII	ME										
NAME AND LOCATION	MIN	SUST	1-8-5	MAX	<u> </u>							ΑĽ	MIMC	I LEA	AD TI	ME			ľ	MAN	UFAC	T.			TOTA	L			
												T I	PRIO	R TO	10	СТ	AF1	ER1	ОСТ	Г		Р	LT				1 OC	T	
UNKNOWN/	1			4			- 1	NITIA	۱L																				
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NAME AND LOCATION MIN SUST 1-8-5 MAX																													
		P-1 ITE 8'								P	AGE 20	NO:	•										F	Pag	e 1	of 1	1		
															-														

BUDGET ITEM JUSTIFICA	ATION (EXHIBIT P-40)					DATE: FEBR	RUARY 2010	
APPROP CODE/BA:			P-1 NOMENCI	LATURE:				
APAF/AIRCRAFT REPLACEME	NT SUPPORT EQUIPMENT (C	D&I)	ITEMS LESS TH	IAN \$5 MILLIO	N			
		FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	FY2015
QUANTITY								
COST (in Thousands)		\$32,562	\$33,594	\$34,505	\$60,004	\$16,704	\$9,179	\$13,393
Description:								
The Items Less Than \$5 Millionaircraft. Common items (used servicing requirements. These national stock numbered (NSN Items requested in FY11 are in change based on critical equipments).	on more than one weapon so replacement items ensure of items as well as numerous lentified on the following P-	system) and pec continuation of s s items which a -40A-IL and are	culiar items (unic serviceable equi re non-stock list e representative of	que to one we pment over the d (NSL).	apon system ne life of a w) directly suppo eapon system, a	rt aircraft main nd consist of o	ntenance and over 2,800
	P-1 ITEM NO		PAGE	NO:			Page 1 of	1
	81		21				Page 1 01	1

		0.11		<u>* </u>		
BUDGET ITEM JUSTIFIC	ATION FOR AGGRE	EGATED ITEMS (EXHIBIT P-40A-IL)		DATE: FEBRUARY	2010
APPROP CODE/BA: APAF/AIRCRAFT REPLACE	EMENT SUPPORT EC	QUIPMENT (O&I)	P-1 NOMENCLATU			
					FY20	011
PROCUREMENTITEMS		NSN	QTY.	COST	QTY.	COST
MAJOR PROCUREMENTS						
RADIO FREQUENCY TRANSMITTER (RFTLTS)	LINE TEST STATION	6625013991757RH			4	\$2,929
30 MM AMMUNITION LOADER GFU 7	,	1730010648482			3	\$3,082
TEST SET, TRANSPONDER		6625014837194KV			127	\$1,603
COMMON AIRCRAFT PORTABLE REI EQUIPMENT	PROGRAMMING	6625014569083				\$1,045
MINOR PROCUREMENTS (GROUPE	D BY FSC)					
FSC 1730 AIRCRAFT GROUND SERV	/ICING EQUIPMENT				8	\$1,162
FSC 4120 AIR CONDITIONING EQUIP	PMENT				4	\$2,273
FSC 4920 AIRCRAFT MAINT SHOP S	PECIALIZED EQP				75	\$16,304
FSC 4930 LUBRICATION & DISPENS	ING EQUIPMENT				1	\$437
FSC 5180 SETS, KITS, & OUTFITS OF	F HAND TOOLS				2	\$426
FSC 5220 INSEPCTION GAGES & PR	ECISION LAYOUT TOOL				1	\$342
FSC 5945 RELAYS AND SOLENIODS					1	\$336
	P-1 ITEM NO		PAGE NO:		Page	1 of 2

BUDGET ITEM JUSTIFICA	TION FOR AGGREGA	ATED ITEMS	(EXHIBIT P-40A-IL)		DATE: FEBRUARY	2010
APPROP CODE/BA: APAF/AIRCRAFT REPLACEM	MENT SUPPORT EQUI	PMENT (O&I)	P-1 NOMENCLATUR ITEMS LESS THAN \$5 M			
					FY20	11
PROCUREMENTITEMS		NSN	QTY.	COST	QTY.	COST
FSC 6125 CONVERTOR, ELECTRICAL,	ROTATING				8	\$2,286
FSC 6625 ELECT & ELCTRONIC PROP	ERTIES INSTRUMENT				4	\$1,555
FSC 6650 OPTICAL INSTRUMENTS					1	\$572
FSC 6685 PRESSURE, TEMP & HUMID	ITY INSTRUMENTS				1	\$153
TOTALS:						\$34,505
Remarks: Cost information is in thousand Federal Stock Class (FSC)	ls of dollars.					
	P-1 ITEM NO 81		PAGENO: 23		Page	2 of 2

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40) DATE: FEBRUARY 2010 P-1 NOMENCLATURE: APPROP CODE/BA: ADVANCED DIGITAL TEST STATION APAF/AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT (O&I) FY2009 FY2010 FY2011 FY2012 FY2013 FY2014 FY2015 QUANTITY COST \$19.895 \$16.751 \$5.742 \$13,446 \$11.382 \$0 \$0 (in Thousands) **Description:** 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. 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. 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. Items requested in FY11 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-1 ITEM NO PAGE NO: Page 1 of 1 81 24

				011		.0011		•							
ADVANCED DIGITAL TEST STATION ADVANCED DIGITAL TEST STATION	WEAPON SYSTEM COST	ANALYSIS (EXHIB	IT P-5)							С	DATE:	FEBRU	ARY 20	010	
ADVANCED DIGITAL TEST STATION MEAPON SYSTEM COST ELEMENTS 10	APPROP CODE/BA:				P-1 N	OMENCL	ATUR	E:							
COST ELEMENTS CODE OTY OTH COST OTH OTH OTH OTH OTH OTH OTH		NT SUPPORT EQUIPME	NT (O&I)		ADVAI	NCED DIG	ITAL TE	EST STA	ATION						
COST ELEMENTS CODE QTY Unit COST QTY Unit COST QTY Unit COST QTY Unit COST QTY Unit COST QTY Unit COST QTY Unit COST QTY Unit COST QTY Unit COST QTY Unit COST QTY UNIT C	WEAPON SYST	FM	ID					FY200	9		FY201	0		FY201	1
Remarks: Total Cost information is in thousands of dollars. P-1 ITEM NO PAGENO: Page 1 of 1				QTY			QTY			QTY		TOTAL COST	QTY		
Remarks: Fotal Cost information is in thousands of dollars. P-1 ITEM NO PAGE NO: Page 1 of 1	TEST PROGRAM SET REHOST								\$19,895			\$16,751			\$5,742
P-1 ITEM NO PAGE NO:	TOTALS:								\$19,895			\$16,751			\$5,742
Page 1 of 1							- 110								
												Pa	age 1	of 1	

APPROP CODE/BA: APAF/AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT (O&I) FY2009 FY2010 FY2010 FY2012 FY2013 FY2014 FY2015 QUANTITY

\$0

\$7.809

\$11.232

\$7.166

\$1.277

\$0

Description:

(in Thousands)

COST

The Advanced Radar/Electronic Warfare Test Station (ARTS) replaces 1970s vintage Radar/Electronic Warfare (REW) test stations and the Defensive Avionics Augmentation Equipment (DAAE). ARTS is a fully automated, programmable, stimulus generating, response measuring, intermediate automatic test equipment that will checkout, align, and fault isolate 21 avionics Line Replaceable Units (LRUs). ARTS interfaces to the LRU's via Test Program Sets (TPS). TPS's are required to perform the automated testing and faults isolation of the Unit Under Test (UUT). A TPS consists of test software, an interface test adaptor (ITA), cables used to connect the ITA to UUT, and supporting documentation.

\$0

This test station supports B-1 Radar/Electronic Warfare LRUs, and ultimately impacts B-1 mission capability for Global Attack missions. Failure to provide funding for ARTS will reduce B-1 mission capability due to non-availability of serviceable assets. The automatic test equipment (ATE) presently supporting B-1 LRU troubleshooting and repair is no longer supportable due to diminished manufacturing sources and obsolescence caused by the age of the equipment. The average REW and DAAE mission capable rate is 48%.

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

Item requested in FY11 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-1	TEM NO 81	PAGENO: 26	Page 1 of 1

WEAPON SYSTEM COST	ANAI YSIS (FXHIF	RIT P-5)								DATE:	FEBRU	ADV 2	010	
APPROP CODE/BA: APAF/AIRCRAFT REPLACEMENT	<u> </u>				OMENCL NCED RE			ON (ARTS		DATE.	FEBRU	ART Z	010	
WEAPON SYST	FM	ID.					FY200)9		FY201	10		FY201	1
COST ELEMEN		CODE	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST
ADVANCED REW TEST STATION (AF	RTS)	А										1	\$3,000,000	\$3,000
DATA														\$2,000
SELF TEST AND CALIBRATION (ITA)														\$1,000
TEST PROGRAM SETS (TPS) REHOS	ST													\$1,809
TOTALS:												1		\$7,809
Total Cost information is in the ITA - Interface Test Adaptor	ousands of dollars.													
	P-1 ITEM NO 81				PAGI	ENO : 27					Р	age 1	of 1	

BUDGET PROCUREMENT	HISTORY PI	LANNING (DATE: FE	BRUARY	2010				
APPROP CODE/BA: APAF/AIRCRAFT REPLACEMENT	SUPPORT EQ	UIPMENT (O	&I)		MENCLATURE					
ITEM NAME/ FISCAL YEAR	QTY.	UNIT	LOCATION C	OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION		DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL
ADVANCED REW TEST STATION (ARTS)										
FY2011(1)	1	\$3,000,000	AFMC/WR-	-ALC	C/FFP W/OPT	UNKNOWN	Mar-11	Feb-13	Yes	
1) Basic contract w/1 option year					DACENO					
	P-1 ITEM N 81	0			PAGE NO : 28			Page	1 of 1	
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PRESIDENT'S BUDGET	PRO	DUCTION SCHEDULE (EXHIBIT P-21)											D	ATE	Ξ:	FE	BRI	UAF	RY 2	2010)								
APPROP CODE/BA: APAF/AIRCRAFT REPLACEM	ENT S	UPPOR	T EQUIPME	:NT (O&I)								ATU V TE			1017	اA) ا	RTS)											
			ACCEP.	BAL	20	009				C	ALEN	IDAR	2010)				,				C	ALEN	IDAR	201	1			
ITEM/MANUFACTURER/	OED)/	PROC.	PRIOR TO 1 OCT.	DUE AS OF 1 OCT.						FY2												FY20							1
PROCUREMENT YEAR	SERV.	QTY.	1 001.	OF 1 OC1.	OCT	NOV	DEC	148	LEED	_	_	MAY			ALIC	CED	007	NOV	DEC			_			11.18		1	CER	Later
ADVANCED DEW TEXT STATION (ADTO)					001	NOV	DEC	JAN	V FEE	IVIAN	AFR	IVIAT	JUN	JUL	AUG	SEP	001	INOV	DEC	JAN	FEB	IVIAR	APR	IVIAT	301	JUL	AUG	SEF	Later
ADVANCED REW TEST STATION (ARTS) UNKNOWN																													
FY2011	AF	1	0	1													_					С							1
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ITEM/MANUFACTURER/		PROC.	PRIOR TO	DUE AS		011				FY2		IDAIN	2012	-								FY20		יואטוי	201				-
PROCUREMENT YEAR	SERV.	QTY.	1 OCT.	OF 1 OCT.					_	_	1	T					_	ı		T	_	_	_				_		-
					ОСТ	NOV	DEC	JAN	√ FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ОСТ	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	Later
ADVANCED REW TEST STATION (ARTS)																													
UNKNOWN																													
FY2011	AF	1	0	1																	1						_		
TOTALS		1		1																	1								
MANUFACTURER'S PRODUCTION RATES PROCUREMENT LEAD TIME NAME AND LOCATION MIN SUST 1-8-5 MAX ADMIN LEAD TIME MANUFACT. TOTAL																													
NAME AND LOCATION	MIN	SUST	1-8-5	MAX	(Α	DMIN	I LEA	DTI	ME			N	JIAN	JFAC	T.				TAL	
													PRIC	RTC	10	СТ	AFT	ER1	OCT	Г		PI	LT				10	OCT	
UNKNOWN/	1			1			- 1	NITIA	AL.								5				23					28			
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Remarks:																													
		P-1 ITE 8'								P	AGE 29	. NO	:											Pag	e 1	of	1		

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)

P-1 NOMENCLATURE:

APAF/AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT (O&I)

IL \$5M (USM670 CORE TEST SET-CTS)

DATE: FEBRUARY 2010

		FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	FY2015	
QUANTITY									
COST (inThousands)		\$0	\$3,820	\$3,128	\$1,948	\$0	\$0	\$0	

Description:

APPROP CODE/BA:

The Joint Service Electronic Combat Systems Tester (JSECST) provides and 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 system installed in or on operation aircraft. It automically 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 of 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 FY11 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	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	FY2015
ANG:	\$	\$849	\$894	\$	\$	\$	\$
AFR:	\$	\$	\$	\$	\$	\$	\$

P-1 ITEM NO	PAGE NO:	Page 1 of 1
81	30	Fage 1011

WEAPON SYSTEM COST	ANALYSIS (EXHIE	SIT P-5)								ATE:	FEBRUA	ARY 20	010	
APPROP CODE/BA: APAF/AIRCRAFT REPLACEMEN	NT SUPPORT EQUIPME	NT (O&I)			OMENCI M (USM67)			SET-CTS)						
WEAPON SYSTI	FM	ID					FY200)9		FY201	0		FY2011	
COST ELEMENT		CODE	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST
USM670 CORE TEST SET (CTS)		А							9	\$424,444	{\$3,820}	7	\$446,857	{\$3,128}
ACTIVE									7	\$424,444	\$2,971	5	\$446,857	\$2,234
ANG									2	\$424,444	\$849	2	\$446,857	\$894
TOTALS:									9		\$3,820	7		\$3,128
Basic contract, FA8540-08-D-	-0002, w/4 option year	s awarded	17 Apr	· 08.										

	PROCUREMENT	'	/EVIIIDIT P	> - A \
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JUDGET	LICCONTINE		(LAIIIDII I	-361

DATE: FEBRUARY 2010

APPROP CODE/BA:

P-1 NOMENCLATURE:

APAF/AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT (O&I)

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)									
FY2010	9	\$424,444	AFMC/WR-ALC	OPT/FFP	AAI CORP/ HUNT VALLEY, MD	Mar-10	Sep-11	Yes	
FY2011	7	\$446,857	AFMC/WR-ALC	OPT/FFP	AAI CORP/ HUNT VALLEY, MD	Dec-10	Jun-12	Yes	

Remarks:

Cost information is in actual dollars.

Basic contract, FA8540-08-D-0002, w/4 option years awarded 17 Apr 08.

P-1 ITEM NO 81	PAGE NO: 32	Page 1 of 1

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40) APPROP CODE/BA: APAF/AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT (O&I) P-1 NOMENCLATURE: VERSATILE DEPOT AUTOMATIC TEST STATION (VDATS) FY2009 FY2010 FY2011 FY2012 FY2013 FY2014 FY2015

	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	FY2015
QUANTITY							
COST (in Thousands)	\$9,151	\$12,363	\$12,763	\$12,763	\$12,763	\$12,763	\$12,763

Description:

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.

VDATS Calibration Equipment requirement consists of the standard Portable Automatic Test Equipment Calibrator with unique augmentation and self-test.

P-1 ITEM NO 81	PAGENO: 33	Page 1 of 2
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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40) APPROP CODE/BA: APAF/AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT (O&I) P-1 NOMENCLATURE: VERSATILE DEPOT AUTOMATIC TEST STATION (VDATS)

Description (continued):

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 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 in line with USAF ATS objectives.

Items requested in FY11 are identified on the following P-5 and are representitive of the 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 81	PAGE NO: 34	Page 2 of 2
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WEAPON SYSTEM COST ANALY	SIS (EXHIBIT P-5)
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DATE: FEBRUARY 2010

APPROP CODE/BA:

P-1 NOMENCLATURE:

APAF/AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT (O&I)

VERSATILE DEPOT AUTOMATIC TEST STATION (VDATS)

ID				FY2009			FY2010				FY201	1
	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST
А				3	\$900,000	\$2,700	2	\$900,000	\$1,800	2	\$900,000	\$1,800
А				3	\$1,500,000	\$4,500	4	\$1,500,000	\$6,000	4	\$1,500,000	\$6,000
А				3	\$500,000	\$1,500	3	\$500,000	\$1,500	3	\$500,000	\$1,500
А							1	\$500,000	\$500	1	\$500,000	\$500
А				1	\$376,000	\$376	3	\$376,000	\$1,128	3	\$376,000	\$1,128
									\$1,360			\$1,760
						\$75			\$75			\$75
						\$9,151			\$12,363			\$12,763
	A A A	A A A	A A A A	CODE QTY Unit COST A A A A	CODE QTY Unit Cost TOTAL COST QTY A 3 A 3 A 3	ID CODE QTY Unit TOTAL QTY Cost A	ID CODE QTY Unit TOTAL COST QTY Unit COST A	ID CODE QTY Unit TOTAL QTY Unit TOTAL QTY	D	D	D	Note

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: FEBRUARY 2010

APPROP CODE/BA:

P-1 NOMENCLATURE:

APAF/AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT (O&I)

VERSATILE DEPOT AUTOMATIC TEST STATION (VDATS)

ITEM NAME/ FISCAL YEAR	QTY.	UNIT COST	LOCATION OF P	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL
VDATS DA-1 4920-01-553-0693KV									
FY2009(1)	3	\$900,000	AFMC/WR-ALC	DO/IDIQ	ROBINS DEPOT/ WARNER ROBINS, GA	Jun-09	Aug-09		
FY2010(2)	2	\$900,000	AFMC/WR-ALC	C/FFP W/OPT	UNKNOWN	Jul-10	Dec-10	Yes	
FY2011(3)	2	\$900,000	AFMC/WR-ALC	OPT/FFP	UNKNOWN	Jan-11	Jun-11	Yes	
VDATS DA-2 4920-01-553-1534KV									
FY2009(1)	3	\$1,500,000	AFMC/WR-ALC	DO/IDIQ	ROBINS DEPOT/ WARNER ROBINS, GA	Jun-09	Aug-09		
FY2010(2)	4	\$1,500,000	AFMC/WR-ALC	C/FFP W/OPT	UNKNOWN	Jul-10	Dec-10	Yes	
FY2011(3)	4	\$1,500,000	AFMC/WR-ALC	OPT/FFP	UNKNOWN	Jan-11	Jun-11	Yes	
VDATS RF-1 4920-01-553-1535KV									
FY2009(1)	3	\$500,000	AFMC/WR-ALC	DO/IDIQ	ROBINS DEPOT/ WARNER ROBINS, GA	Jun-09	Aug-09		
FY2010(2)	3	\$500,000	AFMC/WR-ALC	C/FFP W/OPT	UNKNOWN	Jul-10	Dec-10	Yes	
FY2011(3)	3	\$500,000	AFMC/WR-ALC	OPT/FFP	UNKNOWN	Jan-11	Jun-11	Yes	
VDATS CALIBRATION EQUIPMENT	-								
	P-1 ITEM NO 81			PAGE NO:			Page	1 of 3	

BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)

P-1 NOMENCLATURE:

APAF/AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT (O&I)

VERSATILE DEPOT AUTOMATIC TEST STATION (VDATS)

DATE: FEBRUARY 2010

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
FY2009(1)	1	\$376,000	AFMC/WR-ALC	DO/IDIQ ROBINS DEPOT/ WARNE ROBINS, GA		Jun-09	Aug-09		
FY2010(2)	3	\$376,000	AFMC/WR-ALC	C/FFP W/OPT	UNKNOWN	Jul-10	Dec-10	Yes	
FY2011(3)	3	\$376,000	AFMC/WR-ALC	OPT/FFP	UNKNOWN	Jan-11	Jun-11	Yes	
VDATS ENGINEERING (TECH. REFRESH)									
FY2010(2)	1	\$500,000	AFMC/WR-ALC	C/FFP W/OPT	UNKNOWN	Jul-10	Dec-10	Yes	
FY2011(3)	1	\$500,000	AFMC/WR-ALC	OPT/FFP	UNKNOWN	Jan-11	Jun-11	Yes	

Remarks:

APPROP CODE/BA:

Cost information is in actual 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.

(1) FY09 Delivery Order/Indefinite Delivery Indefinite Quantity (DO/IDIQ) awarded to fifteen vendors with various award dates.

P-1 ITEM NO	PAGENO:	Page 2 of 3
81	37	1 490 2 01 0

BUDGET PROCUREMEN	DATE: FE	BRUARY 2	2010															
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 C	OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL								
) FY10 procurement scheduled to award Jul 2010 will consist of a new Performance Based Acquisition (PBA) competitive contract with 5 year options. FY11 procurement will be an option award against the FY10 basic contract.																	
	P-1 ITEM N 81	IO			PAGE NO : 38			Page	3 of 3									

PRESIDENT'S BUDGET	PRO	DUCI	ION SCH	EDULE	(EX	HIR	_												D	ATE	::	FE	BK	UAI	XY 2	2010				
APPROP CODE/BA: APAF/AIRCRAFT REPLACEM	ENT SI	UPPOR	T EQUIPME	ENT (O&I)									RE : -553		34K\	′														
			ACCEP. PRIOR TO	BAL DUE AS	2	009				CA	LEN	DAR	2010)					CALENDAR 2011											
ITEM/MANUFACTURER/	SERV.	PROC. QTY.	1 OCT.	OF 1 OCT.						FY20	10											FY2	011							
PROCUREMENT YEAR		QII.			ОСТ	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ост	NOV	DEC	JAN	FEB	MAF	APF	MAY	JUN	JUL	AUG	SEP	Later	
VDATS DA-2 4920-01-553-1534KV																											\Box			
ROBINS DEPOT																														
FY2009	AF	3	3																											
UNKNOWN																														
FY2010	AF	4	0	4										С					2	2										
FY2011	AF	4	0	4																С					2		2			
TOTALS		11	3	8															2	2					2		2			
			ACCEP. PRIOR TO	BAL DUE AS	2	011				CA	LEN	DAR	2012	2				CALENDAR 2013												
ITEM/MANUFACTURER/	SERV.	PROC. QTY.	1 OCT.	OF 1 OCT.						FY20	12											FY2	013							
PROCUREMENT YEAR		QII.			ОСТ	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ОСТ	NOV	DEC	JAN	FEB	MAF	APF	MAY	JUN	JUL	AUG	SEP	Later	
VDATS DA-2 4920-01-553-1534KV																														
ROBINS DEPOT																														
FY2009	AF	3	3																											
UNKNOWN																														
FY2010	AF	4	4																											
FY2011	AF	4	4																											
TOTALS		11	11																											
MANUFACTURER'S		PR	RODUCTIONR	ATES				PROCUREMENT LEAD TIME																						
NAME AND LOCATION	MIN	SUST	1-8-5	MAX	(ADMIN LEAD TIME						D TIME MANUFACT.						TOTAL						
													PRIC	RTO	010	СТ	AFT	ER1	ОСТ			Р	LT				10	СТ		
ROBINS DEPOT/WARNER ROBINS GA	1			7			П	NITIA	L																					
UNKNOWN/	1			6			F	REOR	DER								3 5				5					8				
Remarks:																														
		P-1 ITE	M NO					Τ		P.A	AGE	NO	:					Page 1 of 1												
	81									39													гdС	je i	UI	ı				

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40) DATE: FEBRUARY 2010 P-1 NOMENCLATURE: APPROP CODE/BA: FLIGHT CONTROL TEST SET (FLCTS) APAF/AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT (O&I) FY2009 FY2010 FY2011 FY2012 FY2013 FY2014 FY2015 **QUANTITY** COST \$4.723 \$0 \$0 \$0 \$0 \$0 \$0 (in Thousands) **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. Precomputer 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 Program Management Office and are inline with USAF ATS objectives. P-1 ITEM NO **PAGENO:** Page 1 of 2

UNCLASSIFIED

40

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40) DATE: FEBRUARY 2010 P-1 NOMENCLATURE: APPROP CODE/BA: FLIGHT CONTROL TEST SET (FLCTS) APAF/AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT (O&I) **Description (continued):** Projected Allocations for Reserve Component Requirements (Subject to Total Force demand and priority). \$K: FY2009 FY2010 FY2011 FY2012 FY2013 FY2014 FY2015 \$ 2,169 \$ --\$ --\$ --\$ --\$ --\$ --\$ --\$ -- \$ --\$ -- \$ --ANG: \$ --\$ --Reserve: \$ ---P-1 ITEM NO PAGE NO: Page 2 of 2 81 41

WEAPON SYSTEM COST	ANALYSIS (EXHIE	BIT P-5)								DATE:	FEBRU.	ARY 20	010	
APPROP CODE/BA:				P-1 N	OMENCL	ATUR	E:							
APAF/AIRCRAFT REPLACEMEN	NT SUPPORT EQUIPME	ENT (O&I)		FLIGH	T CONTR	OL TES	T SET (F	FLCTS)						
WEAPON SYSTI	EM	ID					FY200	9		FY201	0		FY201	1
COST ELEMEN		CODE	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST
FLIGHTS CNT TEST SET		А				14	\$309,927	{\$4,339}						
ACTIVE						7	\$309,927	\$2,169						
ANG						7	\$309,927	\$2,169						
NON-RECURRING ENGINEERING								\$234						
TRAINING								\$150						
TOTALS:						14		\$4,723						
Remarks: Total Cost information is in th	ousands of dollars				•		,	·		•	•			•
Projected Allocations for Rese	erve Component Requ	irements (S	ubject	to Tota			and pric	ority)						
	P-1 ITEM NO 81			PAGE	ENO : 12					P	age 1	of 1		

BUDGET PROCUREMEN	T HISTORY P		DATE: FE	BRUARY 2	2010					
APPROP CODE/BA:				P-1 NO	MENCLATURI	Ε:				
APAF/AIRCRAFT REPLACEME	NT SUPPORT EC	QUIPMENT (O	&I)	FLIGHT	CONTROL TEST	Γ SET (FLCTS)				
ITEM NAME/ FISCAL YEAR	QTY.	UNIT COST	LOCATION C	OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL
FLIGHTS CNT TEST SET										
FY2009	14	\$309,927	AFMC/WR-	-ALC	OTH/OTH	WR-ALC DEPOT/ ROE AFB, GA	Mar-09	Dec-10		
Cost information is in actual d					DAGENG					
	P-1 ITEM N 81	10			PAGE NO:			Page	1 of 1	
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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40) DATE: FEBRUARY 2010 P-1 NOMENCLATURE: APPROP CODE/BA: STORES SYSTEM TESTER - ORGANIZATION LEVEL APAF/AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT (O&I) FY2009 FY2010 FY2011 FY2012 FY2013 FY2014 FY2015 QUANTITY COST \$15.404 \$4.251 \$0 \$0 \$0 \$0 \$0 (in Thousands) **Description:** 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. 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. 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 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-1 ITEM NO **PAGENO:** Page 1 of 1 81 44

DATE: FEBRUARY 2010

APPROP CODE/BA:

P-1 NOMENCLATURE:

APAF/AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT (O&I)

STORES SYSTEM TESTER - ORGANIZATION LEVEL

	ID			F	Y2009	F	/2010	FY	/2011
PROCUREMENTITEMS	CODE	QTY.	COST	QTY.	COST	QTY.	COST	QTY.	COST
STORES SYSTEM TESTER - ORGANIZATION LEVEL	А			59	\$15,073	13	\$4,251		
DATA/PRODUCTION CAPABILITY DOC	Α			1	\$332				
TOTALS:				60	\$15,404	13	\$4,251		

Remarks:

Cost information is in thousands of dollars.

P-1 ITEM NO 81	PAGE NO: 45	Page 1 of 1

BUDGET PROCUREMENT	HISTORY P	LANNING (EXHIBIT P-	5A)			DATE: FE	BRUARY	2010	
## STORES SYSTEM TESTER - ORGANIZATION LEVEL(1) ## FY2009 ## 59 ## \$255,467 ## AFMC. DATA/PRODUCTION CAPABILITY DOC ## EY2009(1)			&I)		MENCLATURI S SYSTEM TEST	E: ER - ORGANIZATION	N LEVEL			
	QTY.		LOCATION C	OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL
FY2009	59	\$255,467	AFMC/OO-	-ALC	DO/IDIQ	BAE SYSTEM/ NASH NH	UA, Aug-09	Jun-10		
FY2010	13	\$327,000	AFMC/OO-	-ALC	DO/IDIQ	BAE SYSTEM/ NASH NH	UA, May-10	May-11	Yes	
FY2009(1)	1	\$331,904	AFMC/OO-	-ALC	DO/IDIQ	BAE SYSTEM/ NASH NH	UA, May-09	Jun-10		
Cost information is in actual do	FA8212-04-D-		varded 7 Sep	04. Perf		contact extension is	in currently	n work.		
	P-1 ITEM N 81	10			PAGE NO: 46			Page	1 of 1	

PRESIDENT'S BUDGET	PRO	DUCT	ION SCH	EDULE ((EX	HIB	_												D	ATE	≣:	FE	BR	UA	RY	20	10		
APPROP CODE/BA: APAF/AIRCRAFT REPLACEM	ENT SI	JPPOR	T EQUIPME	ENT (O&I)						EN(SYS					ORG	SAN	IZAT	101	l LE	VEL									
			ACCEP.	BAL	2	009				CA	LEN	DAR	2010)								C	ALEN	IDA	R 20	11			
ITEM/MANUFACTURER/	SERV.	PROC.	PRIOR TO 1 OCT.	DUE AS OF 1 OCT.						FY20	10											FY20)11						
PROCUREMENT YEAR	OLIV.	QTY.		0 00	ОСТ	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEF	ост	NOV	DEC	JAN	FEB	MAR	APR	MA	Y JU	JN JI	UL A	UG SE	P Later
STORES SYSTEM TESTER - ORGANIZATION LEVEL																													
BAE SYSTEM																													
FY2009	AF	59	0	59									12	12	12	12	11												
FY2010	AF	13	0	13								С												12	1				
TOTALS		72		72									12	12	12	12	11							12	1				
			ACCEP.	BAL	2	011				CA	LEN	DAR	2012	2								C	ALEN	ΙDΑ	R 20	13			
ITEM/MANUFACTURER/	SERV.	PROC. QTY.	PRIOR TO 1 OCT.	DUE AS OF 1 OCT.						FY20	12											FY20	013						
PROCUREMENT YEAR		QII.			ОСТ	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEF	ост	NOV	DEC	JAN	FEB	MAR	APR	MA	Y JU	JN JI	UL A	UG SE	P Later
STORES SYSTEM TESTER - ORGANIZATION LEVEL																													
BAE SYSTEM																													
FY2009	AF	59	59																										
FY2010	AF	13	13																										
TOTALS		72	72																										
MANUFACTURER'S		PR	ODUCTIONR	ATES														Р	ROC	URE	MEN	TLE	AD TI	ME					
NAME AND LOCATION	MIN	SUST	1-8-5	MAX	(Al	DMIN	I LEA	D TII	ME			ı	MAN	JFAC	T.				TOTAL	_
													PRIO	RTC	10	СТ	AFT	ER1	OC	г		P	LT					1 OCT	
BAE SYSTEM/NASHUA NH				12			- 11	NITIA	L																				
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Remarks:																													
		P-1 ITEM NO 81								PA	GE 47	NO	:											Pa	ge	1 o	f 1		

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40) DATE: FEBRUARY 2010 P-1 NOMENCLATURE: APPROP CODE/BA: STORES SYSTEM TESTER - INTERMEDIATE APAF/AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT (O&I) FY2009 FY2010 FY2011 FY2012 FY2013 FY2014 FY2015 **QUANTITY** COST \$7.425 \$0 \$5.500 \$0 \$0 \$0 \$0 (in Thousands)

Description:

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.

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.

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 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.

Items requested in FY11 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-1 ITEM NO	PAGE NO:	Page 1 of 1
81	48	i age i oi i

BUDGET PROCUREMEN		DATE: FE	BRUARY	2010						
APPROP CODE/BA: APAF/AIRCRAFT REPLACEME	NT SUPPORT EQ	UIPMENT (O	&I)		MENCLATURE S SYSTEM TEST	E: ER - INTERMEDIATE				
ITEM NAME/ FISCAL YEAR	QTY.	UNIT COST	LOCATION C	F PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL
STORES SYSTEM TESTER - INTERMEDIATE LEVEL(1)										
FY2009	19	\$372,816	AFMC/OO-	-ALC	DO/IDIQ	BAE SYSTEMS/ NASH NH	IUA, Aug-09	May-10		
FY2011(1)	11	\$500,000	BAE SYSTEMS/ NASH NH	IUA, Feb-11	May-12	Yes				
1) This 5 year IDIQ contract,	1710212-04-10-0	014, was aw	arded 7 Sep (O-F. 1 C11	offinance based of	contract extension is	s currently in	the work.		
	P-1 ITEM N 0 81	0			PAGE NO: 49			Page	1 of 1	
			LINIC	NI A C	CIEIED					

			•••											
WEAPON SYSTEM COST	ANALYSIS (EXHIE	BIT P-5)							ı	DATE:	FEBRU	ARY 20	010	
APPROP CODE/BA:				P-1 N	OMENCL	ATUR	E:		'					
APAF/AIRCRAFT REPLACEMEN	NT SUPPORT EQUIPME	ENT (O&I)		STOR	ES SYSTE	M TES	TER - IN	TERMEDIA	ATE					
WEAPON SYST	FM	ID					FY200	9		FY201	0		FY201	1
COST ELEMEN		CODE	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST
STORES SYSTEM TESTER - INTERM	EDIATE LEVEL	А				19	\$372,816	\$7,084				11	\$500,000	\$5,500
DATA/TRAINING								\$342						
TOTALS:						19		\$7,425				11		\$5,500
	P-1 ITEM NO 81				PAGE 5	E NO: 50					P	age 1	of 1	

PRESIDENT'S BUDGET	PRO	DUCT	ION SCH	EDULE ((EX	HIB	IT F	P-2	1)										D	ATE	Ē:	FE	BR	JAF	RY 2	2010)		
APPROP CODE/BA: APAF/AIRCRAFT REPLACEM	IENT SI	UPPOR [.]	T EQUIPME	ENT (O&I)					OM RES						INTE	ERM	EDI	ATE											
			ACCEP.	BAL	2	009				CA	LEN	DAR	2010)								CA	ALEN	IDAF	201	1			
ITEM/MANUFACTURER/	SEDV.	PROC.	PRIOR TO 1 OCT.	DUE AS OF 1 OCT.						FY20	110											FY20)11						
PROCUREMENT YEAR	SERV.	QTY.	1 001.	OF TOCT.	ОСТ	NOV	DEC	JAN				MAY	JUN	JUL	AUG	SEP	ОСТ	NOV	DEC	JAN				MAY	JUN	JUL	AUG	SEP	Later
STORES SYSTEM TESTER - INTERMEDIATE LEVEL																													
BAE SYSTEMS																													
FY2009	AF	19	0	19								8	8	3															
FY2011	AF	11	0	11																	С								11
TOTALS		30		30								8	8	3															11
			ACCEP.	BAL	2	011				CA	LEN	DAR	2012	2								CA	ALEN	IDAF	201	3			
ITEM/MANUFACTURER/	SERV.	PROC.	PRIOR TO 1 OCT.	DUE AS OF 1 OCT.						FY20	12											FY20)13						
PROCUREMENT YEAR	OLKV.	QTY.		0	ОСТ	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ОСТ	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	Later
STORES SYSTEM TESTER - INTERMEDIATE																													
BAE SYSTEMS																											\Box		
FY2009	AF	19	19																										
FY2011	AF	11	0	11								11																	
TOTALS		30	19	11								11																	
MANUFACTURER'S		PR	ODUCTIONR	ATES														Р	ROC	URE	MEN.	TLE/	AD TI	ME					
NAME AND LOCATION	MIN	SUST	1-8-5	MAX	(Α	DMIN	ILEA	D TII	ИΕ			Λ	/IANL	JFAC	T.			TO	TAL	
													PRIC	RTO	010	СТ	AFT	ER1	ОСТ	г		PI	LT				10	СТ	
BAE SYSTEMS/NASHUA NH	1			12			II	NITIA	L																				
							F	REOR	DER			1	ĺ				4				15					19			
Remarks:		P-1 ITE	·M NO							DA	AGE	NO																	
		8°								PF	1GE 51		:											Pag	je 1	of	1		

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)

P-1 NOMENCLATURE:

APAF/AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT (O&I)

STORES MGMT TEST SET PROGRAM

DATE: FEBRUARY 2010

74 74 74 17 41 COLUMN 1 1 1421 27 COLUMN 27 TO COLUMN 27	1112111 (861)						
	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	FY2015
QUANTITY							
COST (inThousands)	\$11,668	\$4,463	\$8,873	\$9,050	\$9,228	\$9,414	\$9,600

Description:

APPROP CODE/BA:

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-169/170/171/197/198/199) 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.

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.

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 in line with the USAF ATS objective.

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

\$K FY2009 FY2010 FY2011 FY2012 FY2013 FY2014 FY2015 \$2,398 ANG: \$ ---\$1.216 \$2,446 \$2,494 \$2,545 \$2,595 \$ --\$ --\$ ---\$ --Reserve:

Items requested in FY11 are identified on the following P-5 and are representative of items to be procured. Items procured during execution may change based

02		P-1 ITEM NO 81		PAGE NO : 52		Page 1 of 2
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BUDGET ITEM JUSTIFICA	DATE: F	FEBRUARY 2010				
APPROP CODE/BA:			P-1 NOMENCLATURE:	1		
APAF/AIRCRAFT REPLACEMEN	IT SUPPORT EQUIPMENT (C	0&I)	STORES MGMT TEST SET	PROGRAM		
Description (continued):						
on critical equipment needed to	support current Air Force	mission require	ments.			
T			T			
	P-1 ITEM NO 81		PAGE NO : 53			Page 2 of 2

WEAPON SYSTEM COST ANALYSIS (EXHIBIT P-5)		DATE:	FEBRUARY 2010
APPROP CODE/BA:	P-1 NOMENCLATURE:		
APAF/AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT (O&I)	STORES MGMT TEST SET PROGRAM		

WEAPON SYSTEM	ID					FY200	9		FY201	0		FY201	1
COST ELEMENTS	CODE	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 (1-2)	А				10	\$505,709	{\$5,057}	4	\$479,941	{\$1,920}	4	\$977,062	{\$3,908}
ACTIVE					10	\$505,709	\$5,057	3	\$479,941	\$1,440	3	\$977,062	\$2,931
ANG								1	\$479,941	\$480	1	\$977,062	\$977
T-198B STORES MGMT TEST SET (1-2)	А				12	\$372,150	{\$4,466}	4	\$335,778	{\$1,343}	4	\$700,940	{\$2,804}
ACTIVE					12	\$372,150	\$4,466	3	\$335,778	\$1,007	3	\$700,940	\$2,103
ANG								1	\$335,778	\$336	1	\$700,940	\$701
T-199A STORES MGMT TEST SET (1-2)	А				4	\$536,219	{\$2,145}	3	\$400,047	{\$1,200}	3	\$720,231	{\$2,161}
ACTIVE					4	\$536,219	\$2,145	2	\$400,047	\$800	2	\$720,231	\$1,440
ANG								1	\$400,047	\$400	1	\$720,231	\$720
TOTALS:					26		\$11,668	11		\$4,463	11		\$8,873

Remarks:

Total Cost information is in thousands of dollars.

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

- (1) Stores Management Test Sets Vary in configurations (A/E24T-197/198/199) and provide both on and off equipment operational checkout capability to support mission requirements.
- (2) Effort was continued in FY09 under the "Skip Year" funding rule

(2) Enort was continued in 1 100 under the Skip 1	i cai Tunding Tuic.	
P-1 ITEM NO	PAGE NO:	Page 1 of 1
81	54	l age i oi i

DATE: FEBRUARY 2010

APPROP CODE/BA:

P-1 NOMENCLATURE:

APAF/AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT (O&I)

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									
FY2009	10	\$505,709	AFMC/WR-ALC	SS/FFP	BOEING/ ST LOUIS, MO	Jan-10	Mar-11		
FY2010	4	\$479,941	AFMC/WR-ALC	SS/FFP	BOEING/ ST LOUIS, MO	Feb-10	Apr-11		
FY2011	4	\$977,062	AFMC/WR-ALC	SS/FFP	BOEING/ ST LOUIS, MO	Jan-11	Mar-12	Yes	
T-198B STORES MGMT TEST SET									
FY2009	12	\$372,150	AFMC/WR-ALC	SS/FFP	BOEING/ ST LOUIS, MO	Jan-10	Mar-11		
FY2010	4	\$335,778	AFMC/WR-ALC	SS/FFP	BOEING/ ST LOUIS, MO	Feb-10	Apr-11		
FY2011	4	\$700,940	AFMC/WR-ALC	SS/FFP	BOEING/ ST LOUIS, MO	Jan-11	Mar-12	Yes	
T-199A STORES MGMT TEST SET									
FY2009	4	\$536,219	AFMC/WR-ALC	SS/FFP	BOEING/ ST LOUIS, MO	Jan-10	Mar-11		
FY2010	3	\$400,047	AFMC/WR-ALC	SS/FFP	BOEING/ ST LOUIS, MO	Feb-10	Apr-11		
FY2011	3	\$720,231	AFMC/WR-ALC	SS/FFP	BOEING/ ST LOUIS, MO	Jan-11	Mar-12	Yes	

Remarks:

Cost information is in actual dollars.

P-1 ITEM NO	PAGENO:	Page 1 of 1
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					O.	1	<i>_</i> _	./\				-																
PRESIDENT'S BUDGET	PRO	DUCTI	ON SCH	EDULE	(EXHI	ВІТ	ΓР-	21)										D	AT	E:	FE	BRI	JAF	₹Y 2	2010)		
APPROP CODE/BA: APAF/AIRCRAFT REPLACEN	MENT S	UPPOR	T EQUIPME	ENT (O&I)				NO I 97C -						ST S	ET													
			ACCEP.	BAL	2009	9			C	ALEI	NDA	R 201	10								C	ALEN	IDAR	201	1			
ITEM/MANUFACTURER/		PROC.	PRIOR TO	DUE AS					FY2				-								FY20							
PROCUREMENT YEAR	SERV.	QTY.	1 OCT.	OF 1 OCT.	OCT NO	DV DI	EC J	AN FE	_	_	R MA	Y JU	N JUL	. AUG	SEP	ОСТ	NOV	DEC	JAN	_	_	_	MAY	JUN	JUL	AUG	SEP	Later
T-197C STORES MGMT TEST SET																												
BOEING																												
FY2009	AF	10	0	10				С													1	1	1	1	1	1	1	3
FY2010	AF	4	0	4				-	;													1	1	1	1			
FY2011	AF	4	0	4															С									4
TOTALS		18		18																	1	2	2	2	2	1	1	7
ITEM/MANUEACTURED/		PPOO	ACCEP. PRIOR TO	BAL DUE AS	201	1					NDA	R 201	12									ALEN	DAR	2013	3			
ITEM/MANUFACTURER/ PROCUREMENT YEAR	SERV.	PROC. QTY.	1 OCT.	OF 1 OCT.					FY2	2012											FY20)13						
TROOMEMENT TEAR					OCT NO	DV DI	EC J	AN FE	ВМА	R APF	R MA	Y JU	N JUL	. AUG	SEP	ОСТ	NOV	DEC	JAN	√ FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	Later
T-197C STORES MGMT TEST SET																												
BOEING																												
FY2009	AF	10	7	3	1 1	ı	1																					
FY2010	AF	4	4																									
FY2011	AF	4	0	4					1	1	1	1																
TOTALS		18	11	7	1 1	1	1		1	1	1	1																
MANUFACTURER'S		PR	ODUCTIONR	ATES													Р	ROC	URE	MEN	TLE	AD TI	ME					
NAME AND LOCATION	MIN	SUST	1-8-5	MAX	(Α	MIMO	I LEA	AD TII	ME			N	JAN	JFAC	T.			TO	TAL	
												PRI	OR T	010	СТ	AFT	ER 1	OC.	Т		P	LT				10	СТ	
BOEING/ST LOUIS MO	1			6			INIT	ΓIAL																				
							REG	ORDEI	₹			0				3				14				\top	17			
Remarks: Projected Deliveries for Re QTY FY2010 ANG: Reserve:	serve (FY20 1	11 Î	FY2012 1	ect to To FY201 		rce (dem	and		-													Dog		of :	1		
	P-1 ITEM NO PAGE NO:												- 1	⊃ag	e 1	of 1	1											

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PRESIDENT'S BUDGE	T PRO	DUCT	ION SCH	EDULE	(EXI	ΗВ	BIT I	P-2	1)										D	ATE	≣:	FE	BRI	JAI	? Y:	201	0		
APPROP CODE/BA: APAF/AIRCRAFT REPLACEM	MENT S	UPPOR	T EQUIPME	ENT (O&I)	-								JRE:		T SI	ET													
			ACCEP.	BAL	20	009				C/	ALEN	IDAF	R 2010	0								C	ALEN	IDAF	₹ 201	1			
ITEM/MANUFACTURER/	SERV.	PROC.	PRIOR TO 1 OCT.	DUE AS OF 1 OCT.						FY20												FY20	011						
PROCUREMENT YEAR	SERV.	QTY.	1 001.	OF TOCT.	ост	NOV	DEC	JAN				MA	Y JUN	JUL	AUG	SEP	ОСТ	NOV	DEC	JAN		1	1	MA	/ JUI	N JU	LAUC	SEP	Later
T-198B STORES MGMT TEST SET																										\top			
BOEING																													
FY2007	AF	13	5	8	1	1	1	1	1	1	2																		
FY2009	AF	12	0	12				С														1	1	1	1	1	1	1	5
FY2010	AF	4	0	4					С														1	1	1	1			
FY2011	AF	4	0	4																С					T				4
TOTALS		33	5	28	1	1	1	1	1	1	2											1	2	2	2	2	1	1	9
ITEM/MANUFACTURER/		PROC.	ACCEP. PRIOR TO	BAL DUE AS	20)11						IDAF	R 2012	2									ALEN	IDAF	₹ 201	3			
PROCUREMENT YEAR	SERV.	QTY.	1 OCT.	OF 1 OCT.						FY20)12		_									FY20)13 —						
					ОСТ	NOV	DEC	JAN	FEB	MAR	APR	MA	Y JUN	JUL	AUG	SEP	ОСТ	NOV	DEC	JAN	FEB	MAR	≀ APR	MAY	/ JUI	N JU	_ AUG	SEP	Later
T-198B STORES MGMT TEST SET																													
BOEING																													
FY2007	AF	13	13																			<u> </u>	<u> </u>	$oxed{oxed}$	\perp	\perp	\perp	$oxed{oxed}$	
FY2009	AF	12	7	5	1	1	1	1	1													<u> </u>	<u> </u>	$oxed{oxed}$	\perp	\perp	\perp	$oxed{oxed}$	
FY2010	AF	4	4																			<u> </u>	<u> </u>	$oxed{oxed}$	\perp	\perp	\perp	$oxed{oxed}$	
FY2011	AF	4	0	4						1	1	1	1									\perp							
TOTALS		33	24	9	1	1	1	1	1	1	1	1	1									Ш.		$oxed{oxed}$					
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FY 2011 BUDGET ESTIMATES BP 13 – POST PRODUCTION SUPPORT FEBRUARY 2010

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Exhibit P-40, Budget Item Justification	on		Date: February 2010
Appropriation (Treasury) Code/CC/BA/BSA/Ite	m Control Number		P-1 Line Item Nomenclature
Aircraft Procurement, Air Ford Facilities, Item No. 82	e, Budget Activit	ty 07, Aircraft Support Equipment and	B-1
r domitics, item ivo. 02			
Program Element for Code B Items:	11126F	Other Related Program Elements:	

Program Element for Code B Items	3:	11126F			Other Relat	ted Program	Elements:						
						FY 2011	Total						
	ID Code	Prior Years	FY 2009	FY 2010	FY 2011	OCO	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	To Comp	Total
Proc Qty	A						0						0
Total Proc Cost (\$ M)		10.279	0.000	3.916	6.791	0.000	6.791	5.914	1.074	0.470	0.000		28.444

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. Funding also supports other depot equipment requirements, including but not limited to Nose Radome program, Advanced REW Test Station (ARTS) and Advanced Digital Test Station (ADTS).

FY 2011 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 sustain weapon system mission capable rates and allow for the acquisition of government furnished material essential to repair critical B-1B components. Funding also supports other depot equipment requirements, including but not limited to Nose Radome program, Advanced Radar Electronic Warfare Test Station (ARTS) and Advanced Digital Test Station (ADTS).

P-1 Shopping List Item No. 82

Budget Item Justification Exhibit P-40, page 1 of 2

Qty Unit Cost Cost Qty Unit Cost Qty Unit Cost Cost Qty Unit Cost Qty Unit Cost Cost Qty Unit Cost Qty Unit Cost Qty Unit Cost Qty	Manufacturer's Name/Plant City/State Location				Subline Ite	m								
Avionics A A A A A A A A A A A A A A A A A A A	Weapon System	Ident					Total	Cost in Mil	llions of D	ollars				
Qty Unit Cost Cost Qty Unit Cost Qty Unit Cost Qty Unit Cost Qty Unit Cost Qty Unit Cost Qty Unit Cost Qty Unit Cost Qty Unit Cost Qty Unit Cost Qty Unit Cost Qty Unit Cost Qty Unit Cost Qty	Cost Elements	Code		FY 2009			FY 2010			FY 2011]	FY 2011 OC	0
Armament A A B B B B B B B B B B B B B B B B B			Qty	Unit Cost		Qty	Unit Cost		Qty	Unit Cost		Qty	Unit Cost	Total Cost
Software Other Government Furnished Equipment (GFE) A Other Government Furnished Equipment (GFE) A Other Government Furnished Equipment (GFE) A Other Government Furnished Equipment (GFE) A Other Costs A Other Costs A Other Costs A Other Costs A Other Costs A Other Government Equipment A Other Government Equipment A Other Government Equipment A Other Government Furnished Equipment A Other Government Furnished Equipment A Other Government Furnished Equipment A Other Government Furnished Equipment A Other Government Furnished Equipment A Other Government Furnished Equipment (GFE) A Other Government Furnished Equipment A Other Government Furnished Equipment (GFE) A Other Government Furnished	Avionics	A												
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Engineering Change Orders (ECO)		A												
Nonrecurring Costs A Other Costs A Other Costs A A A A A A A A A A A A A A A A A A	Other Government Furnished Equipment (GFE)	A												
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Depot Level Support Equipment A 1 3.916 12 6.791 MRSP's / Reprovisioning Spares A Image: A spare s		A												
MRSP's / Reprovisioning Spares A OTHER SUPORT COSTS SUBTOTAL 3.916 6.791	2 2 7						1	3.916	12		6.791			
OTHER SUPORT COSTS SUBTOTAL 3.916 6.791														
							1 1	3.916			6.791			
	TOTAL PROGRAM							3.916			6.791			
Comments		i						3.710			0.771			

Exhibit P-40, Budget Item Justification	Date: February 2010
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	B-2A Post Prod Support
Facilities, Item No. 83	

Program Element for Code B Item	s:	11127F			Other Relat	ted Program	Elements:						
						FY 2011	Total						
	ID Code	Prior Years	FY 2009	FY 2010	FY 2011	OCO	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	To Comp	Total
Proc Qty	A						0						0
Cost (\$ M)					5.462		5.462	1.142	2.795	2.893	2.896		15.188
Interim Ctr Support (\$ M)							0.000						0.000
Advance Proc Cost (\$ M)							0.000						0.000
Weapon System Cost (\$ M)		0.000	0.000	0.000	5.462	0.000	5.462	1.142	2.795	2.893	2.896	0.000	15.188
Initial Spares (\$ M)							0.000						0.000
Total Proc Cost (\$ M)		0.000	0.000	0.000	5.462	0.000	5.462	1.142	2.795	2.893	2.896	0.000	15.188
Flyaway Unit Cost (\$ M)							0.000						
Wpn Sys Unit Cost (\$ M)		36.425			5.462		5.462	1.142	2.795	2.843	2.896		

Description

- Post Production Support funds are used for the following requirements:
- -- Maintain Weapon System Support Center System Integration Laboratory (WSSC-SIL) 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 3010 BP19.
- -- 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 2011 Program Justification

- --Weapon System Support Center System Integration Laboratory (WSSC-SIL) funding required to engineer, rehost, and procure special test equipment (STE) for the following activities:
- --Operational Flight Programs (OFPs) development, test, verification/validation, and santization, software builds certifications, upgrade and maintain flight controls software, support future B-2 upgrade programs, provide fault insertion capabilities, verify line replaceable unit (LRU) health, load firmware changes, access system memory, etc.
- --With this STE, the WSSC SIL is unable to certify B-2 software builds, leading to the inablity to discover faults in software builds that had been certified as operational. Inability to troubleshoot software faults will continue to hinder investigations, i.e. hung stores, Center Instrument Display System (CIDS) resets, etc.
- --Items procured during execution may change based on the critical equipment/STEs needed to support current Air Force mission requirements.

P-1 Shopping List Item No. 83

Budget Item Justification Exhibit P-40, page 1 of 2

Exhibit P-5, Weapon System Cost Analysis	3									Date: Feb	oruary 20	10	
Appropriation (Treasury) Code/CC/BA/BSA/Item Cont	rol Number							P-1 Line	e Item Nomer	clature			
Aircraft Procurement, Air Force, B	udget A	ctivity	07, Aircr	aft Sup	port Ed	uipment	and	B-2A	Post Pro	od Supp	ort		
Facilities, Item No. 83	J	,	,	•	•					• • •			
Manufacturer's Name/Plant City/State Location				Subline Ite	em								
Northrop Grumman CForp., B-2 Division, Pico Ri	vera. Ca.												
Weapon System	Ident					Total	Cost in Mi	illions of I	Oollars				
Cost Elements	Code		FY 2009			FY 2010	0000 111 1111		FY 2011		I	FY 2011 OC	0
Cost Entitle	0040		112007	Total		1 2010	Total		1 2011	Total	-	1 2011 00	Total
		Qty	Unit Cost	Cost	Qty	Unit Cost	Cost	Qty	Unit Cost	Cost	Qty	Unit Cost	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	A												
(PGSE)													
Engine PGSE	A												
Peculiar Training Equipment	A												
Common Support Equipment	A												
Publications/Technical Data	A												
S/W & H/W Investment										5.462			
Progm Mngt & Rqts													
ECOs	A												
Other	A												
SUPPORT COST SUBTOTAL													
INTERIM CONTRACTOR SUPPORT (ICS)													
TOTAL PROGRAM										5.462			
Comments													
			P-1 Shor	pping List	Item No	83				Wean	on Systa	m Cost An	alveie
			1 1 01101	Ping List	itom No.					**eap		t P-5, page	

Exhibit P-40, Budget Item Justification	Date: February 2010
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	B-2A ICS
Facilities, Item No. 83	

Program Element for Code B Item	ns:	N/A11			Other Rela	ted Program	Elements:						
						FY 2011	Total						
	ID Code	Prior Years	FY 2009	FY 2010	FY 2011	OCO	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	To Comp	Total
Proc Qty	A						0						0
Cost (\$ M)							0.000						0.000
Interim Ctr Support (\$ M)			36.683	24.403	20.755		20.755	20.688	21.528	21.498	21.018		166.573
Advance Proc Cost (\$ M)							0.000						0.000
Weapon System Cost (\$ M)		0.000	36.683	24.403	20.755	0.000	20.755	20.688	21.528	21.498	21.018	0.000	166.573
Initial Spares (\$ M)							0.000						0.000
Total Proc Cost (\$ M)		0.000	36.683	24.403	20.755	0.000	20.755	20.688	21.528	21.498	21.018	0.000	166.573
Flyaway Unit Cost (\$ M)							0.000						
Wpn Sys Unit Cost (\$ M)							0.000						

Description

Interim Contractor Support (ICS) provides maintenance and repair capability for depot level reparables (DLRs) to meet Air Combat Command (ACC) operational requirements for the B-2 weapon system. The ICS program is a comprehensive repair capability repairing 369 different line replaceable units (LRUs), shop replaceable units (SRUs), airframe structures, hydro-mechanical components, and avionics components until permanent depot capability is established. ICS funds will fund repairs until all components are depot activated. The current 358 LRUs/SRUs are scheduled to transition in their entirety by FY2017 with the current depot activation schedule.

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

FY 2011 Program Justification

ICS Funding requirements continue until depot activation is complete (currently ICS continues through FY17). Without the ICS funding, Total Non-Mission Capable for Supply (TNMCS) rates will increase and Aircraft Availability Improvement Program (AAIP) goals will not be met. Additionally, lack of mission capable assets will eventually ground aircraft, prohibiting B-2 participation in Global Strike and Global Persistent Attack.

Items procured during execution may change based on critical equipment needed to support current Air Force mission requirements.

P-1 Shopping List Item No. 83

Budget Item Justification Exhibit P-40, page 1 of 2

Evhibit D. E. Waanan Systam Cast Analy	veie				ASSIFI			1		Date: Feb	ruary 20	10	
Exhibit P-5, Weapon System Cost Analy Appropriation (Treasury) Code/CC/BA/BSA/Item C								P-1 Lin	e Item Nomen		uary 20	10	
Aircraft Procurement, Air Force,			07, Aircr	aft Supp	ort Ec	uipment	and	B-2A	ICS				
Facilities, Item No. 83	· ·	•	,	• • • • • • • • • • • • • • • • • • • •									
Manufacturer's Name/Plant City/State Location	n			Subline Iter	n								
Weapon System	Ident					Total	Cost in Mil	lions of I	Dollars				
Cost Elements	Code		FY 2009			FY 2010			FY 2011			FY 2011 OCC)
				Total			Total			Total			Total
		Qty	Unit Cost	Cost	Qty	Unit Cost	Cost	Qty	Unit Cost	Cost	Qty	Unit Cost	Cost
Interim Contractor Support				36.683			24.403			20.755			
TOTAL PROGRAM Comments													

P-1 Shopping List Item No. 83

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

Exhibit P-40, Budget item Justification			Date: February 2010	
Appropriation (Treasury) Code/CC/BA/BSA/Item C	ontrol Number		P-1 Line Item Nomenclature	
Aircraft Procurement, Air Force,	Budget Activity 07, Aircraft	ft Support Equipment and	B-52 SQUADRONS	
Facilities, Item No. 84				
Program Element for Code B Items:	N/A			

Program Element for Code B Items	3:	N/A			Other Relat	ted Program	Elements:						
						FY 2011	Total						
	ID Code	Prior Years	FY 2009	FY 2010	FY 2011	OCO	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	To Comp	Total
Proc Qty	A						0						0
Total Proc Cost (\$ M)			0.000	0.000	3.443	0.000	3.443	0.000	0.000	0.000	0.000		3.443

Description

The B-52 Combat Network Communication Technology (CONECT) acquisition program will support nuclear and conventional operations by upgrading the B-52 fleet with tactical data link and voice communications capabilities along with improved threat and situational awareness to support participation in network centric operations. The CONECT upgrade installs new Multi-Functional Color Displays (MFCDs) and a digital interphone system which will survive and function through the nuclear environment to enhance crew interaction and situational awareness. To enable net centric operations, the CONECT upgrade installs: on-board client/server architecture supporting distributed processing with independent control functions; UHF Beyond Line-Of-Sight (BLOS) Joint Range Extension (JRE) capability via ARC-210 Warrior radio to exchange J-Series messaging within theater; Intelligence Broadcast Receiver; limited Internet Protocol (IP)-based UHF BLOS link supporting email and file transfers; and Improved Data Modem (IDM)-based digital Variable Message Format (VMF) datalink to significantly enhance close air support (CAS) missions. This integrated suite, when produced and installed, will provide the B-52 fleet with a machine-to-machine capability supporting aircraft re-tasking and re-targeting of CALCM and J-series weapons across the range of military operations the B-52 is assigned. Life of Type (LOT) buys will be implemented, when appropriate, to address diminishing manufacturing sources and materiel shortages (DMSMS) for affected components and subassemblies to protect the planned production program by mitigating unplanned part redesign and requalification risks. This modification is planned to be done in conjunction with Programmed Depot Maintenance. In addition, training devices will be upgraded to include CONECT functionality to meet user training requirements.

FY 2011 Program Justification

Exhibit D. 40. Budget Item Justification

The BP13 funds will provide planning and stand-up of an Interim Contractor Support (ICS) capability. It is estimated that it will take approximately three years to stand-up a Depot capability, therefore ICS will provide a stop-gap until the Depot can be established.

P-1 Shopping List Item No. 84

Budget Item Justification Exhibit P-40, page 1 of 2

Data: Fabruary 2010

Control Number Budget A		07, Aircr	aft Sup	port Eq	uipment	and						
1			Subline It	em								
Ident					Total	Cost in Mi	llions of D	Oollars				
Code		FY 2009			FY 2010			FY 2011		F	FY 2011 OCC)
			Total			Total			Total			Total
	Qty	Unit Cost	Cost	Qty	Unit Cost	Cost	Qty	Unit Cost	Cost	Qty	Unit Cost	Cost
A									3.443			
	I								3.443			
,	n Ident Code	Ident Code Qty	Budget Activity 07, Aircr	Subline Ite Ident Code FY 2009 Qty Unit Cost Cost	Subline Item Ident Code FY 2009 Total Qty Unit Cost Cost Qty	Subline Item Ident Total Code FY 2009 FY 2010 Qty Unit Cost Cost Qty Unit Cost Cost Qty Unit Cost Cost	Subline Item Ident Total Cost in Mi Code FY 2009 FY 2010 Qty Unit Cost Cost Qty Unit Cost Cost	Subline Item Ident Total Cost in Millions of December 2019	Subline Item Subline Item Total Cost in Millions of Dollars Code FY 2009 FY 2010 FY 2011 Qty Unit Cost Cost Qty Unit Cost Cost Qty Unit Cost	Subline Item Subl	Subline Item Ident Total Cost in Millions of Dollars	Subline Item Subline Item

P-1 Shopping List Item No. 84

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

Exhibit P-40, Budget Item Justificat	ion							Date:	February 2	2010	
Appropriation (Treasury) Code/CC/BA/BSA/I	tem Control Numb	er				P-	1 Line Item N	omenclature)		
Aircraft Procurement, Air Fo	rce, Budget	Activity 0	7, Aircra	ft Support Equip	ment and	C	-5 Post P	rod Sup	port		
Facilities, Item No. 85 / 86											
Program Element for Code B Items: N/A Other Related Program Elements:											
	Total										

Program Element for Code B Items	s:	N/A			Other Relat	ted Program	Elements:						
						FY 2011	Total						
	ID Code	Prior Years	FY 2009	FY 2010	FY 2011	OCO	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	To Comp	Total
Proc Qty	A						0						0
Total Proc Cost (\$ M)		18.153	18.161	10.014	0.195	0.000	0.195	0.580	0.000	0.000	0.000	0.000	47.103

Description

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 2011 Program Justification

Funds are used to develop software to meet aircrew and maintenance training requirements.

P-1 Shopping List Item No. 85 / 86

Budget Item Justification Exhibit P-40, page 1 of 2

Exhibit P-5, Weapon System Cost A	nalysis									Date: Feb	ruary 20	10	
Appropriation (Treasury) Code/CC/BA/BSA/Ite Aircraft Procurement, Air For Facilities, Item No. 85 / 86			07, Aircı	raft Sup _l	port Eq	_l uipment	and		e Item Nomer Post Proc		rt		
Manufacturer's Name/Plant City/State Local	ation			Subline Ite	em								
Weapon System	Ident					Total	Cost in Mil	llions of	Dollars				
Cost Elements	Code		FY 2009			FY 2010			FY 2011]	FY 2011 OC	
		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				18.161			10.014			0.195			0.000
SUPPORT COST SUBTOTAL													
TOTAL PROGRAM				18.161			10.014			0.195			
Comments			•	•									

P-1 Shopping List Item No. 85 / 86

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

Exhibit P-40, Budget Item Justification			Date: February 2010
Appropriation (Treasury) Code/CC/BA/BSA/Item Co	ontrol Number		P-1 Line Item Nomenclature
Aircraft Procurement, Air Force,	Budget Activity 07, Airc	raft Support Equipment and	KC-10 Mods
Facilities, Item No. 87			
Program Element for Code B Items:	0401897F	Other Related Program Elements:	
,	0401897F	Other Related Program Elements:	1

Program Element for Code B Items	:	0401897F			Other Relat	ed Program	Elements:						
						FY 2011	Total						
	ID Code	Prior Years	FY 2009	FY 2010	FY 2011	OCO	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	To Comp	Total
Proc Qty	A						0						0
Total Proc Cost (\$ M)			0.000	4.112	5.702	0.000	5.702	6.337	0.000	0.000	0.000		16.151

Description

KC-10 Formal Training Units (FTUs) do not possess a KC-10 Cargo Load Trainer (CLT) to conduct Boom Operator (BO) cargo load training. Current training takes place on operational cargo missions which requires TDY funding and results in unpredictable training periods due to the inability to predict types and availability of cargo loads. This results in undetermined and lengthy time periods for BOs to achieve mission ready qualification. The CLT will be used for all areas of cargo training from Initial Qualification to Requalification and instructor upgrades. This will reduce training days by 25%. Further, the CLTs will be used for continuation training events, annual BO checkrides and egress (slide and door) training. The Air Force will use FY10 and FY11 funds to procure two Cargo Load Trainers (CLTs).

In addition, the KC-10 maintenance community does not currently possess a stand-alone Maintenance Training System (MTS). All training is completed on-board the aircraft. This requires aircraft to be taken from operational tails and/or the training fence and utilized as maintenance trainers. Having an Interactive Multimedia Instruction (IMI) is projected to reduce classroom time by 25%, increase maintenance course content retention rate by 25-50% and increases the available number of tails to the warfighter. The Air Force will use FY11 and FY12 funds to procure a stand-alone Maintenance Training System (MTS).

FY 2011 Program Justification

Funds will be used to procure one Cargo Load Trainer for McGuire AFB, NJ (\$4.4M) and to develop, procure and sustain a KC-10 MTS (\$1.302M) consisting of an Interactive Multimedia Instruction (IMI) for maintenance training courseware and upgraded classroom infrastructure. The KC-10 MTS is a new start program in FY2011.

P-1 Shopping List Item No. 87

Budget Item Justification Exhibit P-40, page 1 of 2

Exhibit P-5, Weapon System Cost Analysis										Date: Feb	ruary 20	10	
Appropriation (Treasury) Code/CC/BA/BSA/Item Condition Aircraft Procurement, Air Force, B Facilities, Item No. 87		ctivity	07, Aircr	aft Sup	port Eq	uipment	and		e Item Nomer 0 Mods	ıclature			
Manufacturer's Name/Plant City/State Location				Subline Ite	em			•					
Weapon System	Ident						Cost in Mi	llions of E					
Cost Elements	Code		FY 2009			FY 2010			FY 2011		J	FY 2011 OC	
		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)											1		
Engine PGSE													
Peculiar Training Equipment													
Publications/Technical Data													
ECOs													
Other													
KC-10 Cargo Load Trainer					1		4.112	1		4.400			
KC-10 Maintenance Training System										1.302			
SUPPORT COST SUBTOTAL							4.112			5.702			
TOTAL PROGRAM							4.112			5.702			
Comments				•	•	•							
			D 4 Chair	min a Lint	Itana Na C	7				\A/	01-	O4 A	-1
			P-1 Snop	pping List	nem No. 8) (vveap		em Cost An	

Exhibit P-40, Budget Item Justificati	on							Date	e: Februa	iry 2010)	
Appropriation (Treasury) Code/CC/BA/BSA/It	em Control Number					P-	1 Line Item N	lomenclatu	re			
Aircraft Procurement, Air For	ce, Budget A	ctivity 07,	Aircra	ft Support Equip	ment and	c	-17					
Facilities, Item No. 88												
Program Element for Code B Items:	N/A			Other Related Program	Elements:							
				FY 2011	Total							

OCO

FY 2011

0.000 153.347

FY 2011

153.347

FY 2013

208.358

FY 2012

152.370

FY 2014

91.100

FY 2015

0.000

To Comp

Total

616.175

Description

Total Proc Cost (\$ M)

Proc Oty

FY2010 funding totals include \$11.0M for Overseas Contingency Operations for battle damaged engine replacement.

FY 2009

0.000

FY 2010

11.000

Prior Years

FY2011-2014 budget funds the transition of the C-17 program from production to sustainment.

ID Code

FY2012-2014 budget funds the shutdown of the C-17 production line.

FY2011-2014 budget funds the acquisition of diminishing manufacturing resources (DMS) to complete the C-17 program.

FY 2011 Program Justification

FY2011 budget funds the initiation of a two phased effort to transition the C-17 program to a sustainment posture and to shutdown the production line. The shutdown effort begins in FY2012.

Phase I - Transition to Sustainment (not tied to last aircraft delivery) effort includes final disposition of production assets and occurs in parallel with last aircraft build, data protection, inventory management database, tooling inventory, retained tooling preparation, production processes transfer and transfer of retained assets to ALC and/or storage.

Phase II - Production Shutdown (tied to Boeing/AF shutdown decision) effort assumes cold shutdown of C-17 production line (no restart), closure of Boeing and supplier production operations, disposition of assets not retained and temporary tool storage until final disposition is determined.

The current program office estimated requirement to accomplish both phases is \$571M.

Due to an inadvertent error the Air Force requests a technical adjustment transferring \$114,400,000 from P-1 Line No. 88 "C-17A Post-Production Support" to Line No. 5 "C-17A (MYP)." The following exhibits reflect the correct amount (\$38.947M) after the technical adjustment is accomplished of \$114.4M.

P-1 Shopping List Item No. 88

Budget Item Justification Exhibit P-40, page 1 of 2

Manufacturer's Name/Plant City/State Location	Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 88 Manufacturer's Name/Plant City/State Location Subline Item Weapon System Cost Elements Code FY 2009 FY 2010 FY 2011 FY 2011 Otto	O Total Cost
Subline Item No. 88 Manufacturer's Name/Plant City/State Location Subline Item Item Subline	Avionics Manufacturer's Name/Plant City/State Location Subline Item Subline Item Subline Item Subline Item Subline Item Subline Item Total Cost in Millions of Dollars FY 2010 FY 2011 FY 2011 Cost Cost Elements Outy Unit Cost Cost Oty Unit Cost Oty Unit Cost Cost Oty Unit Cost Cost Oty Unit Cost Oty Unit Cost Cost Oty Unit Cost Cost Oty Unit Cost Cost Oty Unit Cost Cost Oty Unit Cost Cost Oty Unit Cost Cost Oty Unit Co	Total
Manufacturer's Name/Plant City/State Location	Manufacturer's Name/Plant City/State Location Weapon System Cost Elements Code Total Cost in Millions of Dollars FY 2010 FY 2010 FY 2011 FY 2011 FY 2011 FY 2011 Cost Open Co	Total
Cost Elements Code FY 2009 Total Qty Unit Cost Cost Qty Unit Cost Qty Unit Cost Qty Unit Cost Cost Qty Un	Cost Elements Code FY 2009 FY 2010 FY 2011 FY 2011 Cost Cost Unit Cost Unit Cost Cost Unit Cost Unit Cost Unit Cost Unit Cost Unit Cost Unit Cost Unit Cost Unit Cost Unit Cost Unit Cost Unit Cost Unit Cost Unit Cost Unit Cost Unit Cost Unit Cost Unit Cost Unit	Total
Cost Elements Code FY 2009 Total Qty Unit Cost Cost Qty Unit Cost Qty Unit Cost Qty Unit Cost Cost Qty Un	Cost Elements Code FY 2009 FY 2010 FY 2011 FY 2011 Cost Cost Unit Cost Unit Cost Cost Unit Cost Unit Cost Unit Cost Unit Cost Unit Cost Unit Cost Unit Cost Unit Cost Unit Cost Unit Cost Unit Cost Unit Cost Unit Cost Unit Cost Unit Cost Unit Cost Unit Cost Unit	Total
Avionics Armament Software Other Government Furnished Equipment (GFE) Engineering Change Orders (ECO) Nonrecurring Costs Other Government Support Equipment (PGSE) Engine PGSE Engine PGSE Engine PGSE ECOs Post Production Transition/Shutdown Engine Replacement Total Othy Unit Cost	Qty Unit Cost Cost Qty Unit Cost Qt	Total
Avionics Armament Software Other Government Furnished Equipment (GFE) Engineering Change Orders (ECO) Nonrecurring Costs FLYAWAY COST SUBTOTAL Airframe Peculiar Ground Support Equipment (GPSE) Engine PGSE Peculiar Training Equipment Peculiar Training Equipment Peculiar Training Equipment Peculiar Training Equipment Post Production Transition/Shutdown Engine Replacement Post Production Transition/Shutdown Engine Replacement Vinit Cost Vitin Cost Vit	Qty Unit Cost Cost Qty Unit Cost Cost Qty Unit Cost Cost Qty Unit Cost Cost Qty Unit Cost Cost Qty Unit Cost Cost Qty Unit Cost Armament Image: Cost of the c	
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 Post Production Transition/Shutdown Engine Replacement 11.000	Avionics Armament Superior Sup	
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 Post Production Transition/Shutdown Engine Replacement 11.000		
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 Post Production Transition/Shutdown Engine Replacement In 11.000		
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 Post Production Transition/Shutdown Engine Replacement 11.000	Software	
Nonrecurring Costs Other Costs FLYAWAY COST SUBTOTAL Airframe Peculiar Ground Support Equipment (PGSE) Engine PGSE Peculiar Training Equipment Publications/Technical Data ECOs Post Production Transition/Shutdown Engine Replacement 11.000 Content of the product of the prod	Other Government Furnished Equipment (GFE)	
Other Costs FLYAWAY COST SUBTOTAL Airframe Peculiar Ground Support Equipment (PGSE) Engine PGSE Peculiar Training Equipment Publications/Technical Data ECOs Post Production Transition/Shutdown Engine Replacement 11.000 Content of the product	Engineering Change Orders (ECO)	
Other Costs FLYAWAY COST SUBTOTAL Airframe Peculiar Ground Support Equipment (PGSE) Engine PGSE Peculiar Training Equipment Publications/Technical Data ECOs Post Production Transition/Shutdown Engine Replacement 11.000 Comparison of the content of the conte	Nonrecurring Costs	
Engine Replacement 11.000		
(PGSE) Engine PGSE Peculiar Training Equipment Image: Control of the control o	FLYAWAY COST SUBTOTAL	
(PGSE) Engine PGSE Peculiar Training Equipment Image: Control of the control o	Airframe Peculiar Ground Support Equipment	
Engine PGSE		
Peculiar Training Equipment Publications/Technical Data ECOs Post Production Transition/Shutdown Engine Replacement 11.000		
Publications/Technical Data ECOs Post Production Transition/Shutdown Engine Replacement 11.000 Engine Replacement		
ECOs 38.947 Post Production Transition/Shutdown 11.000 Engine Replacement 11.000		
Post Production Transition/Shutdown Engine Replacement 11.000 38.947		
Engine Replacement 11.000		
TOTAL PROGRAM 11.000 38.947		
Comments		

Exhibit P-40, Budget Item	Exhibit P-40, Budget Item Justification											Date: February 2010							
Appropriation (Treasury) Code/C0	C/BA/BSA/Item C	Control Number						P-1	Line Item No	omenclature									
Aircraft Procurement,	Air Force,	Budget A	ctivity 0	7, Aircraf	ft Suppo	rt Equip	ment and	d C-	130 Pos	t Prod Si	upport								
Facilities, Item No. 89																			
Program Element for Code B It	ems:	41115F, 4189	97F		Other Rela	ted Program	Elements:												
						FY 2011	Total												
	ID Code	Prior Years	FY 2009	FY 2010	FY 2011	OCO	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	To Comp	Total						
Proc Qty	A	1		1	1		1	1	1				5						
Total Proc Cost (\$ M)		24.421	0.000	28.002	28.295	0.000	28.295	28.553	28.762	0.000	0.000		138.033						

Description

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. This procures 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 2011 Program Justification

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.

P-1 Shopping List Item No. 89

Budget Item Justification Exhibit P-40, page 1 of 2

Facilities, Item No. 89													
Manufacturer's Name/Plant City/State Location				Subline Ite	em								
W. C.	T 1 4	I				Tr. 4.1	C ti Mii	n. cD	11				
Weapon System	Ident		EV 2000				Cost in Mi	llions of D			,	EV 2011 OC	
Cost Elements	Code		FY 2009	T-4-1		FY 2010	T-4-1		FY 2011	T-4-1	1	FY 2011 OC	
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
vionics	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												
eculiar Training Equipment	A												
Publications/Technical Data	A												
COs	A												
Veapon System Trainers					1		28.002	1		28.295			
AN/APN-241 ICS													
AN/APN-241 DEPOT ACTIVATION													
C-130H3 ICS													
AC-130U													
OF Conversion													
Project RAINCOAT													
UPPORT COST SUBTOTAL													
TOTAL PROGRAM							28.002			28.295			
Comments			•										

Exhibit P-40, Budget item Justification	n							Date: I	-ebruary 20	710		
Appropriation (Treasury) Code/CC/BA/BSA/Ite	m Control Number	•				P-1	Line Item No	omenclature				
Aircraft Procurement, Air Ford	e, Budget A	Activity 0	7, Aircraf	ft Support Equipn	nent and	EC	EC-130J					
Facilities, Item No. 90												
Program Element for Code B Items:	N/A			Other Related Program	Elements:							

Program Element for Code B Items	:	N/A			Other Rela	ted Program	Elements:						
						FY 2011	Total						
	ID Code	Prior Years	FY 2009	FY 2010	FY 2011	OCO	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	To Comp	Total
Proc Qty	A	0					0						0
Total Proc Cost (\$ M)		5.311	5.367	5.266	0.000	0.000	0.000	0.000	0.000	0.000	0.000		15.944

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 seven EC-130J aircraft. One QEC was procured in both FY08 and FY09. The third and final QEC will be procured in FY10.

FY 2011 Program Justification

N/A

P-1 Shopping List Item No. 90

Budget Item Justification Exhibit P-40, page 1 of 2

Exhibit P-5, Weapon System Cost Analysis											bruary 20	10	
Appropriation (Treasury) Code/CC/BA/BSA/Item Con-									e Item Nomen	clature			
Aircraft Procurement, Air Force, B	udget A	ctivity	07, Aircr	aft Supp	oort Eq	uipment	and	EC-1	30J				
Facilities, Item No. 90													
Manufacturer's Name/Plant City/State Location				Subline Ite	m								
Lockheed Martin Aero - Marietta				EC-130J (I		00C)							
Weapon System	Ident			LC-1303 (1	J171C 134		Cost in Mi	llions of I	Oollars				
Cost Elements	Code		FY 2009			FY 2010	COSt III IVII	1110113 01 1	FY 2011		T 1	FY 2011 OC	<u> </u>
Cost Elements	Code		112007	Total		1 1 2010	Total		1 1 2011	Total	+	1 2011 000	Total
		Qty	Unit Cost	Cost	Qty	Unit Cost	Cost	Qty	Unit Cost	Cost	Qty	Unit Cost	Cost
Avionics												+	
Armament									1				
Software									1			+	
Other Government Furnished Equipment (GFE)									1		1		
Engineering Change Orders (ECO)									1			+	
Nonrecurring Costs												+	
Other Costs											1	+	
FLYAWAY COST SUBTOTAL											1	+	
Airframe Peculiar Ground Support Equipment											1	+	
(PGSE)													
Engine PGSE											1	+	
Peculiar Training Equipment												+	
Publications/Technical Data											1	+	
ECOs												+	
Other			5.367	5.367	1	5.266	5.266				1	+	
SUPPORT COST SUBTOTAL												+	
TOTAL PROGRAM				5.367			5.266				1	+	
Comments	<u> </u>												
Funding to procure EC-130J Spare Engines (1 pe	r vear) to s	support/su	stain the 7 E	C-130J airc	raft fielde	d. Funding	ends in FY1	10.					
	-))	opp											
			P-1 Shop	pping List I	tem No. 9	90				Weap		em Cost An	
											Exhibi ^e	t P-5, page	2 of 2

	ropriation (Treasury) Code/CC/BA/BSA/Item Control Number craft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and cilities, Item No. 91												
Facilities, Item No. 91	cilities, Item No. 91 gram Element for Code B Items: N/A Other Related Program Elements:												ı
Trogram Element for Code B I	B Items: N/A				Other Rela	FY 2011	Total						
	ID Code	Prior Years	FY 2009	FY 2010	FY 2011	OCO	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	To Comp	Total
Proc Qty	A						0						0
Total Proc Cost (\$ M)		34.411	20.134	15.694	21.599	0.000	21.599	2.589	2.631	2.676	2.726		102.460

Description

The program continues post-production support of the F-15A-E Electronic Systems Test Set (ESTS).

The F-15A-D Eagle is a highly manuverable all-weather air superiority fighter. The F15E Strike Eagle retains the basic air-to-air capability of the F-15 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 2011 Program Justification

Exhibit P-40, Budget Item Justification

Funding provides continuing support of the Electronic Systems Test Set (ESTS). Grounding of aircraft will result without this repair support.

P-1 Shopping List Item No. 91

Budget Item Justification Exhibit P-40, page 1 of 2

Date: February 2010

Exhibit P-5, weapon System Cost Analysi	ıs									Date: Feb	ruary 20	10	
Appropriation (Treasury) Code/CC/BA/BSA/Item Cor Aircraft Procurement, Air Force, E			07, Aircr	aft Supp	ort Ec	uipment	and		Post Pro		ort		
Facilities, Item No. 91													
Manufacturer's Name/Plant City/State Location				Subline Iter	m								
Weapon System	Ident					Total	Cost in Mil	lions of I	Oollars				
Cost Elements	Code		FY 2009			FY 2010			FY 2011		F	Y 2011 OC	Э
				Total			Total			Total			Total
		Qty	Unit Cost	Cost	Qty	Unit Cost	Cost	Qty	Unit Cost	Cost	Qty	Unit Cost	Cost
Airframe Peculiar Ground Support Equipment (PGSE)	A			0.652			0.685						
Engine PGSE	A												
PPS	A			2.424			0.606						
ICS (including ESTS)	A			13.000			14.403			21.599			
Support Contracts	A			4.058			0.000						
Plant Shutdown	A												
TOTAL PROGRAM				20.134			15.694			21.599			
Comments							<u>'</u>						

P-1 Shopping List Item No. 91

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

LXIIIbit i -40, Daaget itelii	i oustilleation									Date. I	Columny 20	710	
Appropriation (Treasury) Code/0	CC/BA/BSA/Item (Control Number						P-1	Line Item No	menclature			
Aircraft Procuremen	t, Air Force	, Budget A	ctivity 0	7, Aircra	ft Suppo	rt Equip	ment an	d F-	16 Post I	Producti	on Supp	ort	
Facilities, Item No. 9	2												
Program Element for Code B		Other Rela	ted Program	Elements:									
						FY 2011	Total						
	ID Code	Prior Years	FY 2009	FY 2010	FY 2011	OCO	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	To Comp	Total
Proc Qty	A						0						0
Total Proc Cost (\$ M)			2.269	12.910	17.838	0.000	17.838	15.989	16.230	16.395	16.668		98.299

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. Throughout its 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 2011 Program Justification

Exhibit P-40 Budget Item 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.

P-1 Shopping List Item No. 92

Budget Item Justification Exhibit P-40, page 1 of 2

Date: February 2010

Exhibit P-5, Weapon System Cost An	alysis									Date: Feb	ruary 20	10	
Appropriation (Treasury) Code/CC/BA/BSA/Iter Aircraft Procurement, Air Forc Facilities, Item No. 92		ctivity	07, Aircı	raft Sup _l	oort Eq	uipment	and		e Item Nomen Post Pro		Suppo	ort	
Manufacturer's Name/Plant City/State Local	tion			Subline Ite	m								
Lockheed-Martin Tactical Aircraft Systems	Ft. Worth, TX												
Weapon System	Ident					Total	Cost in Mi	llions of D	Oollars				
Cost Elements	Code		FY 2009			FY 2010			FY 2011]	FY 2011 OC	O
	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost		
Engine PGSE													·
Avionics PGSE				1.489			2.557			2.909			
Peculiar Training Equipment	A						8.410			7.800			
ECOs	A			0.001			0.348						1
Mission Planning	A			0.120			0.030			0.100			1
ICS	A			0.147			0.599			0.606			I
Reprogramming													
Production Line Shutdown	A			0.512			0.966			6.423			
SUPPORT COST SUBTOTAL													1
TOTAL PROGRAM				2.269			12.910			17.838			1
Comments						•							

P-1 Shopping List Item No. 92

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

Exhibit P-40, Budget item J	ustification									Date: I	rebruary 20	310	
Appropriation (Treasury) Code/CC	/BA/BSA/Item C	Control Number						P-1	Line Item No	omenclature			
Aircraft Procurement,	Air Force,	Budget A	ctivity 0	7, Aircraf	ft Suppo	rt Equip	ment and	d Jo	int Prim	ary Aircı	aft Train	ing Syst	em
Facilities, Item No. 93								(J	PATS)	-			
Program Element for Code B Ite	ems:	N/A			Other Rela	ted Program	Elements:						
						FY 2011	Total						
	ID Code	Prior Years	FY 2009	FY 2010	FY 2011	OCO	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	To Comp	Total
Proc Qty	A						0						0
Total Proc Cost (\$ M)		0.000	0.000	0.000	9.450	0.000	9.450	0.000	0.000	0.000	0.000	0.000	9.450

Description

Post Production Support for the USAF Joint Primary Aircraft Training System (JPATS) program, including program management, systems engineering and prime contract Contract Data Requirements List items. The final USAF JPATS T-6 aircraft buy occurred in FY 2008 with delivery in FY 2010.

FY 2011 Program Justification

Funds JPATS program management, systems engineering, dedicated prime contractor support and prime contract Contract Data Requirements List items as the Air Force JPATS program transitions from acquisition to sustainment.

This is a FY2011 new start.

P-1 Shopping List Item No. 93

Budget Item Justification Exhibit P-40, page 1 of 2

of Dollars FY 2011 Unit Cost	Total			
FY 2011	Total	Qty		Total
FY 2011	Total	Qty		Total
FY 2011	Total	Qty		Total
	Total	Qty		Total
Unit Cost		Qty	Unit Cost	
				
	9.450)		
	71121			
	9.450)		
uirements List i	items			
	uirements List		9.450 9.450 uirements List items.	9.450

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P-1 Shopping List Item No. 93

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

LXIIIDILI -40, Duaget itelli t	Justilication									Date. I	Columny 20	310	
Appropriation (Treasury) Code/Co	C/BA/BSA/Item C	Control Number						P-1	Line Item No	menclature			
Aircraft Procurement,	Air Force,	Budget A	ctivity 0	7, Aircra	ft Suppo	rt Equip	ment and	d O	THER All	RCRAFT			
Facilities, Item No. 94			-										
Program Element for Code B It		Other Rela	ted Program	Elements:									
						FY 2011	Total						
	ID Code	Prior Years	FY 2009	FY 2010	FY 2011	OCO	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	To Comp	Total
Proc Qty	A	0					0						0
Total Proc Cost (\$ M)		0.000	38.769	51.814	53.953	0.000	53.953	49.358	6.561	1.774	1.811	TBD	TBD

Description

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

- F-16 BIOCK 40/50 MISSION TRAINING CENTER (MTC), funded in PE 0207701F, supports the procurement of high fidelity, Distributed Mission Operations (DMO) capable flight simulators for F-16 Block 40 and 50 weapon 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. Research Development Test and Evaluation funding in PE 0207701F.

- FULL COMBAT MISSION TRAINING (FCMT), funded in PE 0207701F, 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. No FY 11 funding is requested
- TRAINING, funded in PE 0401897F, 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 2011 Program Justification

- F-16 BIOCK 40/50 MISSION TRAINING CENTER (MTC): FY11 funding acquires 8 cockpits, comprising two four-ship MTCs, (one each at two locations).
- FULL COMBAT MISSION TRAINING (FCMT): No FY11 funding is requested.
- TRAINING: No FY11 funding is requested.

Exhibit P-40 Rudget Item Justification

P-1 Shopping List Item No. 94

Budget Item Justification Exhibit P-40, page 1 of 2

Date: February 2010

xhibit P-5, Weapon System Cost Analysis	5									Date: Feb	ruary 201	0	
Appropriation (Treasury) Code/CC/BA/BSA/Item Cont Aircraft Procurement, Air Force, Br Facilities, Item No. 94)7, Aircr	aft Supp	ort Equ	uipment	and		Item Nomen				
Manufacturer's Name/Plant City/State Location				Subline Iter	n			•					
	* 1						G · · · · · · ·	1: 65	11				
Weapon System	Ident		EM 2000	1			Cost in Mil	lions of D		ı	-	V 2011 OC	
Cost Elements	Code		FY 2009	T. 4.1	1	FY 2010	Tr. 4.1		FY 2011	Tr. 4 1	F	Y 2011 OC	
		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		4		38.769			0.000						
Aircrew Training Devices													
F-16 Block 40/50 MTC					8		51.814	8		53.953	0		0.000
TRAINING, PE 41897F Mobility Air Forces				0.000			0.000			0.000			0.000
Fraining Devices				0.000	0		0.000			0.000			0.000
SUPPORT COST SUBTOTAL													
				38.769			51.814			53.953			
TOTAL PROGRAM				1		L			l				

Appropriation (Treasury) Code/Co	C/BA/BSA/Item (Control Number						P-	1 Line Item N	lomenclature			
Aircraft Procurement	, Air Force	, Budget A	ctivity 0	7, Aircra	ft Suppo	ort Equip	ment an	nd T	-1 Mods				
Facilities, Item No. 95	5		-										
Program Element for Code B Items: N/A Other Related I						ited Program	Elements:						
						FY 2011	Total		1				
ID Code Prior Years FY 2009 FY 20				FY 2010	FY 2011	OCO	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	To Comp	Total
Proc Oty	A						0						0

0.000

0.000 0.000

0.000

0.000

0.000

Description

Total Proc Cost (\$ M)

A suite of Ground Based Training System (GBTS) devices were acquired to use with the T-1 aircraft to support Combat System Officer (CSO) training at NAS Pensacola, FL. 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. Additionally, one T-1 Aircrew Training Device (ATD) was acquired to support Specialized Undergraduate Pilot Training (SUPT) at Columbus AFB, MS.

0.000

14.803

29.973

FY 2011 Program Justification

Exhibit P-40. Budget Item Justification

Not	app]	lical	bl	e.

P-1 Shopping List Item No. 95

Budget Item Justification Exhibit P-40, page 1 of 2

Date: February 2010

0.000

0.000

Exhibit P-5, Weapon System Cost Analysis Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number								•						
Appropriation (Treasury) Code/CC/BA/BSA/Item Cont					P-1 Lin	e Item Nomer	clature							
Aircraft Procurement, Air Force, B	udget A	ctivity	07, Aircr	aft Supp	ort Ed	uipment	and	T-1 N	Date: February 2010 P-1 Line Item Nomenclature T-1 Mods Ins of Dollars FY 2011 FY 2011 OCO Oct Oct Oct Oct Oct Oct Oct Oct Oct Oct					
Facilities, Item No. 95	_	_												
Manufacturer's Name/Plant City/State Location				Subline Ite	n									
TBD				Subilite Ite	.11									
	T.14					T-4-1	C4 : M:	:11: C T) - 11					
Weapon System	Ident		EV 2000	1			Cost in Mi	lillons of I				EV 2011 OC	0	
Cost Elements	Code		FY 2009	Tr. 4.1		FY 2010	Tr. 4 1		FY 2011	Tr. 4 1	1	1 Y 2011 OC		
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost		Qty	Unit Cost		
Avionics		-						-						
Armament														
Software														
Other Government Furnished Equipment (GFE)									1					
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														
Ground Based Training System				29.973										
TOTAL PROGRAM				29.973										
Comments			<u> </u>	1										
			5 / 0											
			P-1 Shop	oping List It	em No.	95				Weap		em Cost An		

FY 2011 BUDGET ESTIMATES BP 14 – INDUSTRIAL PREPAREDNESS FEBRUARY 2010

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Exhibit P-40, Budget item	Justification		Date. February 2010										
Appropriation (Treasury) Code/C	C/BA/BSA/Item (Control Number						P-1	Line Item No	omenclature			
Aircraft Procurement	t, Air Force,	Budget A	ctivity 0	7, Aircra	ft Suppo	rt Equip	ment and	d In	dustrial l	Respons	siveness		
Facilities, Item No. 96	· · · · · · · · · · · · · · · · · · ·												
Program Element for Code B	Program Element for Code B Items: N/A												
						FY 2011	Total						
	ID Code	Prior Years	FY 2009	FY 2010	FY 2011	OCO	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	To Comp	Total
Proc Qty A 0													0
Total Proc Cost (\$ M)											27.419		181.198

Description

Exhibit D 40 Dudget Item Justification

- 1. The Air Force Industrial Preparedness program element combines the resources of several appropriations (Aircraft Procurement, Missile Procurement, and Operations and Maintenance) to create a comprehensive program that aids in ensuring the defense industry can supply reliable, affordable systems to operational commanders. The Aircraft Procurement part of Industrial Preparedness supports 1) management of government-owned industrial plants; 2) management of industrial base assessments; and 3) environmental compliance and pollution prevention programs.
- 2. Three basic activities are funded in this appropriation: Industrial Facilities, Industrial Base Assessments and Environmental Activities (Environmental Compliance and Pollution Prevention):

Industrial Facility cost element (MPC 3000): Provides for repair and expansion, major rehabilitation, equipment movement and energy conservation at Air Force-owned, contractor-operated industrial facilities. These plants are the backbone of defense weapon system assembly and maintenance for the B-2, U-2, F-16, C-130, C-5B, F-22, Global Hawk, and Joint Strike Fighter.

Industrial Base Assessment cost element (MPC 6000): Provides for the identification, analysis and assessment of industrial base concerns dealing with aircraft research and development, production, and sustainment. These assessments provide timely and accurate industrial base information to support Air Force decisions on 1) aircraft weapon system acquisition risks; 2) budget allocation investments; 3) weapon system sustainment and logistics support; and 4) defense industry mergers, acquisitions, and divestitures. Supports joint-Service industrial base planning on shared commodities, technologies, and facilities.

Environmental activities cost element (MPC 7000): Provides for the programs needed to maintain compliance with regulatory requirements regarding operation of the industrial facilities and prevention practices aimed at reducing the need for those compliance activities through adoption of sound pollution prevention processes and procedures.

FY 2011 Program Justification

FY 2011 requirements are for MCP 7000 Environmental Compliance, MPC 3000 Capital Type Rehabilitation, MPC 6000 Industrial Base Assessment, and Pollution Prevention.

P-1 Shopping List Item No. 96

Budget Item Justification Exhibit P-40, page 1 of 2

Exhibit P-5, Weapon System Cost Analysis Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number								Date: February 2010 P-1 Line Item Nomenclature					
Appropriation (Treasury) Code/CC/BA/BSA/Item Cont						P-1 Line	e Item Nomer	nclature					
Aircraft Procurement, Air Force, B Facilities, Item No. 96	udget A	ctivity	07, Aircr	aft Supp	ort Eq	uipment	and	Indus	strial Res	sponsive	eness		
Manufacturer's Name/Plant City/State Location				Subline Iter	n								
Weapon System	Ident					Total	Cost in Mil	lions of I	Oollars				
Cost Elements	Code		FY 2009			FY 2010			FY 2011		F	Y 2011 OC)
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
Avionics	A	Qty	Omit Cost	Cost	Qty	Omi Cost	Cost	Qty	Cint Cost	Cost	Qty	Cint Cost	Cost
Armament	A												
Software	A												
Other Government Furnished Equipment (GFE)	A												
Engineering Change Orders (ECO)	A												
Nonrecurring Costs	A												
Other Costs Other Costs	A												
FLYAWAY COST SUBTOTAL													
Airframe Peculiar Ground Support Equipment	A												
(PGSE)													
Engine PGSE	A												
Peculiar Training Equipment	A												
Publications/Technical Data	A												
ECOs	A												
Other	A												
SUPPORT COST SUBTOTAL													
Capital Type Rehabilitation (MPC 3000)	A			8.324			10.940			10.364			
Replacement & Modernization (MPC 4000)	A			0.000			0.000						
Industrial Base Assessment (MPC 6000)	A			3.197			3.221			3.249			
Environmental Compliance (MPC 7000)	A			12.791			10.303			11.006			
Pollution Prevention	A						0.984			0.000			
TOTAL PROGRAM				24.313			25.448			24.619			
Comments		•		•			•		•	•			
			D 1 Chan	ning List It	om No. (26				Wasni	n Cuata	m Coot A:-	alvala
			r-1 5110p	ping List It	em No. S	7 0				vveapo		m Cost Ana t P-5, page	

FY 2011 BUDGET ESTIMATES BP 17 – WAR CONSUMABLES FEBRUARY 2010

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						<u> </u>		
BUDGET ITEM JUSTIFICA	ATION (EXHIBIT P-40)				DATE: FEBF	RUARY 2010	
APPROP CODE/BA:			P-1 NOMENCL	ATURE:				
APAF/WAR CONSUMABLES			WAR CONSUMA	ABLES (OVER	VIEW)			
		FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	FY2015
QUANTITY								
COST (in Thousands)		\$76,403	\$135,593	\$92,939	\$89,603	\$94,399	\$96,301	\$98,406
Description:								
 This program provides fund (expendable) Towed Decoys, I (WRM) requirements and fleet Items to be procured in FYO to support current Air Force m 	Fiber Optic Towed Decognizer inventory objectives across are listed on the attack	ys (FOTD), and Ae coss multiple weap	erial Target Dror on systems.	ne (ATD) roc	ket motors.	These items sup	pport War Res	serve Materiel
	P-1 ITEM NO 97		PAGE	NO:			Page 1 of	1

		<u> </u>	1101							
BUDGET ITEM JUSTIFICA	ATION FOR AGGRE	GATED ITE	MS (E	XHIBIT P-40A	A)		DATE:	FEBRUAF	RY 2010	
APPROP CODE/BA: APAF/WAR CONSUMABLES				P-1 NOMENCL WAR CONSUMAE		RVIEW)				
		ID			FY	2009	FY	2010	FY2	2011
PROCUREMENTITEMS		CODE	QTY	cost	QTY.	COST	QTY.	COST	QTY.	COST
WAR CONSUMABLES (OVERVIEW	V)									
ADVANCED AIRBORNE EXPENDA	ABLE DECOY (AAED)	А			807	\$20,023	775	\$20,678		
MINIATURE AIR LAUNCHED DECO	OY (1)	А			146	\$56,285	291	\$109,202	228	\$87,628
ITEMS LESS THAN \$5 MILLION		А				\$95		\$5,713		\$5,31
TOTALS:						\$76,403		\$135,593		\$92,939
Cost information is in thousand (1) FY08 DOD Appropriation		ion of MAL	D prod	luction requirem	nent to GWO	OT suppleme	ntal.			
	P-1 ITEM NO			PAGEI	NO:			Pag	ge 1 of 1	

		01101						
BUDGET ITEM JUSTIFICA	ATION (EXHIBIT P-	40)				DATE: FEB	RUARY 2010	
APPROP CODE/BA:			P-1 NOMENCE	_ATURE:				
APAF/WAR CONSUMABLES			0001 ADVANCE	D AIRBORNE	EXPENDABL	E DECOY (AAE	D)	
		FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	FY2015
QUANTITY								
COST (in Thousands)		\$20,023	\$20,678	\$0	\$0	\$0	\$0	\$0
Description:						·		
The Advanced Airborne Experaircraft. The ALE-50 significant that decoys threat systems engatowline assembly and canister) multi-platform launch controll. Failure to procure the AAED is	ntly enhances aircraft aging the aircraft, result, magazine, launcher/er and farings.	countermeasure capal akting in increased mis controller and pylons.	pilities against n ssile miss distar The major sys	nodern RF thaces. Major stem component	reats. It prov system comp ents for the B	vides protection onents for the label are the AA	n by acting as a F-16 are the AA	RF-repeater AED (includes
	P-1 ITEM NO		PAGE	NO:			Page 1 of	1
	97		3				Page 1 of	1

WEAPON SYSTEM COST	ANALYSIS (EXHIE	BIT P-5)							С	ATE:	FEBRU	ARY 20	010	
APPROP CODE/BA:				P-1 N	OMENCL	ATUR	E:							
APAF/WAR CONSUMABLES				0001 A	ADVANCE	D AIRBO	ORNE EX	XPENDABI	LE DEC	OY (AAI	ED)			
WEAPON SYST	FM	ID					FY200	9		FY201	0		FY201	1
COST ELEMEN		CODE	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST
DECOY		А				807	\$24,793	\$20,008	775	\$26,662	\$20,663			
PROGRAM MANAGEMENT AUTHORI	TY (PMA)							\$15			\$15			
TOTALS:						807		\$20,023	775		\$20,678			
Total Cost information is in the														
	P-1 ITEM NO 97				PAGE	E NO: 4					Pa	age 1	of 1	

BUDGET PROCUREME	EXHIBIT P-	5 A)			DATE: FE	BRUARY	2010			
APPROP CODE/BA: APAF/WAR CONSUMABLES					OMENCLATURE DVANCED AIRBO	E: DRNE EXPENDABLE D	ECOY (AAED))		
ITEM NAME/ FISCAL YEAR	QTY.	UNIT COST	LOCATION O	F PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL
DECOY										
FY2009(1)	807	\$24,793	AFMC/WR-	ALC	OPT/FP	RAYTHEON/ GOLETA,	GA Mar-09	May-10		
FY2010(1)	775	\$26,662	AFMC/WR-	ALC	OPT/FP	RAYTHEON/ GOLETA,	GA Mar-10	May-11	Yes	
1) Contract has an FY04 ba					DACENO					
	P-1 ITEM N 97	U			PAGE NO : 5			Page	1 of 1	
			LINIC	1 1	CILIED					

BUDGET ITEM JUSTIFICA	ATION (EXHIBIT P-40)					DATE: FEBF	RUARY 2010		
APPROP CODE/BA:			P-1 NOMENCE	ATURE:					
APAF/WAR CONSUMABLES			MINIATURE AIR	LAUNCHED [DECOY				
		FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	FY2015	
QUANTITY									
COST (inThousands)		\$56,285	\$109,202	\$87,628	\$85,396	\$90,122	\$91,951	\$93,974	
Description:	·	·	·			·			
The Miniature Air Launch Dec Response, Space and C4ISR, a is a low cost, powered, expend be employed from various airc strike aircraft. MALD-J will p target and will jam specific rac in both decoy and jammer mod Procurement quantities are est. The development of this progr (Airborne Electronic Attack). This item is procured through	and Air and Space Expeditionable decoy designed to report aft platforms to stimulate, provide stand-in jamming calars in a stand-in role to deales. It imates only and fall within am is funded in Program E	onary Force Con bresent the kinem saturate, and de- apability for Airl grade or deny the a range of quant lement Code 060	acepts of Operation of Operation and radar societies integrated borne Electronic ElADS detection detection of the Electronic case in the	ion. Both MA signature char air defense sy Attack System of friendly a	ALD and MAracteristics of systems (IAD ems. MALD aircraft or more ent curves of the state of the	ALD-J are budg f various comba S) thus increasi D-J will be launc unitions. MAL	eted in this pro at aircraft. The ng the surviva hed against a D-J will be ab	oject. MALD MALD will bility of preplanned le to operate	
	D 4 ITEM NO		DACE	NO.					
	P-1 ITEM NO 97		PAGE 6	NU:		Page 1 of 1			

WEAPON SYSTEM COST	ANALYSIS (EXHI	3IT P-5)								DATE:	FEBRUA	ARY 20	10	
APPROP CODE/BA:				P-1 N	OMENCI	ATUR	E:							
APAF/WAR CONSUMABLES				MINIA	TURE AIR	LAUNC	HED DE	COY						
						1		_			_			
WEAPON SYST		ID					FY200			FY201			FY201	
COST ELEMEN	TS	CODE	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST
MALD		А				146	\$331,336	\$48,375	291	\$333,000	\$96,903	228	\$348,160	\$79,381
PRODUCTION SUPPORT														
PRODUCTION SUPPORT EQUIPMEN	Т													
ECO/ECP								\$1,002			\$1,168			\$1,381
CONTRACTOR SUPPORT								\$776			\$901			
DATA/TRAINING														
PROGRAM MANAGEMENT ADMINIST	RATION							\$490			\$480			\$610
WARRANTY														
RELIABILITY ASSESSMENT PROGRA	AM							\$4,095			\$8,745			\$5,256
PRODUCTION TRANSITION														
INTERIM CONTRACT SUPPORT (ICS	5)							\$1,547			\$1,005			\$1,000
TOTALS:						146		\$56,285	291		\$109,202	228		\$87,628
Remarks: Total Cost information is in the (1) Production Support includes		o reduce pro	ductio	n risks	and impro	ove pro	duction	assurance	2 .		•	•	,	
	P-1 ITEM NO 97				PAGI	ENO :					Pa	age 1 d	of 1	

BUDGET PROCUREMEN	ET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)									
APPROP CODE/BA: APAF/WAR CONSUMABLES					MENCLATURI URE AIR LAUNC					
ITEM NAME/ FISCAL YEAR	QTY.	UNIT COST	LOCATION O	F PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL
MALD										
FY2009	146	\$331,336	AFMC/AA	vC	SS/FFP	RAYTHEON/ TUCSON	I, AZ May-09	Jun-10		
FY2010	291	\$333,000	AFMC/AA	vC	SS/FFP	RAYTHEON/ TUCSON	I, AZ Apr-10	Jun-11	Yes	
FY2011	228	\$348,160	AFMC/AA	vC	SS/FFP	RAYTHEON/ TUCSON	I, AZ Mar-11	Jun-12	Yes	
P-1 ITEM NO 97					PAGENO:			Page	1 of 1	

BUDGET ITEM JUSTIFICA	ATION FOR AGGR	EGATED ITEMS	(EXHIBIT P-40A-IL)		DATE: FEBRUARY	′ 2010
APPROP CODE/BA: APAF/WAR CONSUMABLES	6		P-1 NOMENCLATUR			
					FY20	011
PROCUREMENTITEMS		NSN	QTY.	COST	QTY.	COST
REEFING LINE CUTTER		1377015233601			252	\$23
TITAN 40C RATO & INITIATOR		1340015226689			275	\$5,201
MK-17 IGNITER		1377001192056			252	\$60
MK44 IMPULSE CART		1377009873603			252	\$27
TOTALS:						\$5,311
Cost information is in thousar	nds of dollars.					
	P-1 ITEM NO 97		PAGE NO:		Page	1 of 1

BUDGET ITEM JUSTIFIC	ATION (EXHIBIT P-4	0)				DATE: FEBF	RUARY 2010	
APPROP CODE/BA:			P-1 NOMENCE	ATURE:				
APAF/WAR CONSUMABLES			0001 ITEMS LES	SS THAN \$5,00	00,000			
		FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	FY2015
QUANTITY								
COST (in Thousands)		\$95	\$5,713	\$5,311	\$4,207	\$4,277	\$4,350	\$4,432
Description:								
 The "Items Less Than \$5 M systems. These initial/replace system. All items have an annual prepresentative of items to be p mission requirements. 	ment War Consumable	requirements ensure s than \$5 million and	continuation of	f serviceable, ems requested	supportable d in FY09 ide	equipment over	the life of a vital	OA-IL and are

FY 2011 BUDGET ESTIMATES BP 19 – OTHER PRODUCTION CHARGES FEBRUARY 2010

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Exhibit P-40, Budget Item Justification						Date: February 2010			
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 98 / 99				P-1 Line Item Nomenclature Other Production Charges					
	FY 2009	FY 2010	FY 2011	FY 2011 OCO	Total FY 2011	FY 2012	FY 2013	FY 2014	FY 2015
Proc Qty									
Total Proc Cost (\$ M)	1140.824	614.827	1117.242	57.500	1174.742	397.316	351.340	324.085	327.048

Description

FY 2009 funding totals include \$613.4M of appropriated supplemental Overseas Contigency Operations funding.

FY 2010 funding totals include \$114.0M appropriated for Overseas Contingency Operations.

FY 2010 funding totals include \$12.0M requested for Overseas Contingency Operations.

FY 2011 funding totals include \$57.5M requested for Overseas Contingency Opearations.

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 FY11 from a budget standpoint are for Precision Attack Systems and B-2 Depot Activation.

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

P-1 Shopping List Item No. 98 / 99

Budget Item Justification Exhibit P-40, page 1 of 27

Exhibit P-40A, Budget Item Justification for Aggregated Items		Date: February 2010			
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number		P-1 Line Item Nome	P-1 Line Item Nomenclature Miscellaneous Production Charges		
Aircraft Procurement, Air Force, Budget Activity 07, Item No.	98 / 99	Miscellaneo			
Procurement Items (\$M)	FY 2009	FY 2010	FY 2011	FY 2011 OCO	
B-2 Squadrons	38.250	19.153	176.297		
B-52 SQUADRON	0.000	0.000	6.732		
C-17 NATO Acquisition and Operations	0.000	58.062	50.955		
C-5 Airborne Broadcast Intelligence (ABI)	1.392	1.402	1.408		
C-5 RERP	0.000	12.337	19.541		
EW POD Sustainment	41.256	41.514	29.356		
FAA Support of AF Commercial Derivative (CDA) Fleets	0.000	0.000	0.100		
Manned Destructive Suppression	10.086	0.000	0.000		
F-22A Squad	142.245	77.131	84.349		
F-22	17.708	0.000	0.000		
Precision Attack Systems Procurement	211.359	152.411	160.638	57.500	
Combat Training Range Equipment	15.575	15.381	15.376		
C-5 AMP	7.405	4.866	1.468		
Electronic Warfare Integrated Reprogramming (EWIR)	3.234	3.256	3.275		
Classified Programs	599.250	146.359	405.924		
MQ-9	0.000	12.000	43.700		
MQ-1 PRDT	0.000	10.000	37.500		
Aerial Targets	9.132	10.163	10.260		
NAVSTAR Global Positioning System (GPS) User Equipment	9.568	19.122	8.198		
KC-135 Airborne Broadcast Intelligence (ABI)	1.615	0.000	0.000		
C-17	1.477	0.000	0.000		
C-17 AIRCRAFT	20.359	26.437	21.198		
Pollution Prevention	2.503	2.519	2.536		
Joint National Training Capability	2.442	2.714	0.000		
NATO AWACS Modernization	5.968	0.000	38.431		
Total Adjustments	1140.824	614.827	1117.242	57.500	

P-1 Shopping List Item No. 98 / 99

Budget Item Justification for Aggregated Items Exhibit P-40A, page 2 of 27

Exhibit P-1900	Date: February 2010
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	B-2 Squadrons
Facilities, Item No. 98	

FY 2011 PRESIDENT'S BUDGET B-2 SQUADRONS FACT SHEET (Dollars in Millions)

PROJECT TITLE: B-2 Squadrons

MODELS OF AIRCRAFT APPLICABLE:

B-2

DESCRIPTION/JUSTIFICATION:These funds will be used to initiate Depot Activation 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:	FY 2009	FY 2010	FY 2011	FY 2011 OCO
	38.250	19.153	176.297	
TOTAL COST	38.250	19.153	176.297	0.000

P-1 Shopping List Item No. 98

Exhibit P-1900			Da	te: February 2010		
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Num	ber		P-1 Line Item Nomencla	ture		
Aircraft Procurement, Air Force, Budg	et Activity 07, Aircraft S	Support Equipment a	nd B-52 SQUADRO	DN		
Facilities, Item No. 98						
	B-52 SQUAI	CSIDENT'S BUDGET DRON FACT SHEET rs in Millions)				
PROJECT TITLE:	B-52 SQUADRON	ī				
MODELS OF AIRCRAFT APPLICABLE:	B-52H					
DESCRIPTION/JUSTIFICATION:	•	Provides funding for Depot Stand-up capability at Warner Robins AFB and Hill AFB for maintenance/repair of the CONECT modification.				
PROJECTED FINANCIAL PLAN:						
BASIS FOR COST ESTIMATE:	FY 2009	FY 2010	FY 2011	FY 2011 OCO		
			6.732			
TOTAL COST	0.000	0.000	6.732	0.000		

P-1 Shopping List Item No. 98

P-1900

Exhibit P-1900	Date: February 2010	ĺ
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number	P-1 Line Item Nomenclature	ı
Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and	C-17 NATO Acquisition and Operations	
Facilities, Item No. 98		ı

FY 2011 PRESIDENT'S BUDGET

C-17 NATO ACQUISITION AND OPERATIONS FACT SHEET

(Dollars in Millions)

PROJECT TITLE: C-17 NATO Acquisition and Operations

MODELS OF AIRCRAFT APPLICABLE:

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 2009	FY 2010	FY 2011	FY 2011 OCO
BASIS FOR COST ESTIMATE:				
		58.062	50.955	
TOTAL COST	0.000	58.062	50.955	0.000

P-1 Shopping List Item No. 98

P-1900

Exhibit P-1900	Date: February 2010
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	C-5 Airborne Broadcast Intelligence (ABI)
Facilities, Item No. 98	

FY 2011 PRESIDENT'S BUDGET C-5 AIRBORNE BROADCAST INTELLIGENCE (ABI) FACT SHEET (Dollars in Millions)

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

MODELS OF AIRCRAFT APPLICABLE:

C-5 All

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.

EW 2011

PROJECTED FINANCIAL PLAN:

BASIS FOR COST ESTIMATE:	F 1 2009	F 1 2010	F Y 2011	FY 2011 OCO
21-22-2-3-1-3-1-2-4	1.392	1.402	1.408	0.000
TOTAL COST	1.392	1.402	1.408	0.000

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P-1 Shopping List Item No. 98

P-1900

EV 2011 OCO

Exhibit P-1900	Date: February 2010
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	C-5 RERP
Facilities, Item No. 98	

FY 2011 PRESIDENT'S BUDGET
C5 RERP FACT SHEET
(Dollars in Millions)

PROJECT TITLE: C-5 RERP

MODELS OF AIRCRAFT APPLICABLE:

C-5M

DESCRIPTION/JUSTIFICATION:An AF organic capability is required to support repair requirements resulting from the Reliability

Enhancement & Re-engining Program (RERP). WR-ALC, OC-ALC, and OO-ALC will provide the required organic depot support. This funding will be used to procure items required to stand-up depot

support capability for C-5 RERP.

PROJECTED FINANCIAL PLAN:

DAGIC FOR COCT ECTIMATE.	FY 2009	FY 2010	FY 2011	FY 2011 OCO
BASIS FOR COST ESTIMATE:	0.000	12.337	19.541	0.000
TOTAL COST	0.000	12.337	19.541	0.000

P-1 Shopping List Item No. 98

Exhibit P-1900	Date: February 2010
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	EW POD Sustainment
Facilities, Item No. 98	

FY 2011 PRESIDENT'S BUDGET EW POD SUSTAINMENT FACT SHEET (Dollars in Millions)

EV 2010

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

EV 2011

to detect and target Air Force aircraft.

PROJECTED FINANCIAL PLAN:

BASIS FOR COST ESTIMATE:	F1 2009	F 1 2010	F1 2011	F1 2011 OCO
2.1.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2	41.256	41.514	29.356	
TOTAL COST	41.256	41.514	29.356	0.000

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P-1 Shopping List Item No. 98

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EV 2011 OCO

Exhibit P-1900	Date: February 2010
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	FAA Support of AF Commercial Derivative
Facilities, Item No. 98	(CDA) Fleets

FY 2011 PRESIDENT'S BUDGET FAA SUPPORT OF AF COMMERCIAL DERIVATIVE (CDA) FLEETS FACT SHEET (Dollars in Millions)

PROJECT TITLE: FAA Support of AF Commercial Derivative (CDA) Fleets

MODELS OF AIRCRAFT APPLICABLE:

All Commercial Derivative Aircraft

DESCRIPTION/JUSTIFICATION:It is DOD and Air Force policy to operate commercial derivative aircraft (CDA) and maintain appropriate

FAA certifications when practicable. The Air Force Senior Acquisition Executive, SAF/AQ, signed an Interagency Memorandum of Agreement (MOA) on behalf of the Air Force with the FAA, the Army, Navy/Marine Corps and the Coast Guard for the FAA to provide certification, continued airworthiness support, maintenance program support and technical assistance for military CDA. The FAA established a Military Certification Office (MCO) to support DOD Services' CDA activities. The MCO provides dedicated resources to support DoD CDA operations and can leverage the FAA infrastructure to provide

priority handling. These funds are used to reimburse the FAA for support provided to CDA operated by the

Air Force.

PROJECTED FINANCIAL PLAN:

BASIS FOR COST ESTIMATE:	FY 2009	FY 2010	FY 2011	FY 2011 OCO
			0.100	
TOTAL COST	0.000	0.000	0.100	0.000

P-1 Shopping List Item No. 98

Exhibit P-1900	Date: February 2010
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	Manned Destructive Suppression
Facilities, Item No. 98	

FY 2011 PRESIDENT'S BUDGET MANNED DESTRUCTIVE SUPPRESSION FACT SHEET (Dollars in Millions)

PROJECT TITLE: Manned Destructive Suppression

MODELS OF AIRCRAFT APPLICABLE: F-16 Block 50/52

DESCRIPTION/JUSTIFICATION: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. FY 2009 is final year of planned funding for

procurement of new HTS pods. No additional pod procurement is planned. Total inventory of HTS Pods

will be approximately 292.

PROJECTED FINANCIAL PLAN:

DAGIG FOR COST FISTINAL TE	FY 2009	FY 2010	FY 2011	FY 2011 OCO
BASIS FOR COST ESTIMATE:	10.086	0.000	0.000	
TOTAL COST	10.086	0.000	0.000	0.000

P-1 Shopping List Item No. 98

Exhibit P-1900	Date: February 2010
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	F-22A Squad
Facilities, Item No. 98	

FY 2011 PRESIDENT'S BUDGET F-22A SQUAD FACT SHEET (Dollars in Millions)

PROJECT TITLE: F-22A Squad

MODELS OF AIRCRAFT APPLICABLE: F-22A

DESCRIPTION/JUSTIFICATION:Depot Core Activiation - 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.

EX7.3000

PROJECTED FINANCIAL PLAN:

BASIS FOR COST ESTIMATE:	FY 2009	FY 2010	FY 2011	FY 2011 OCO
	142.245	77.131	84.349	
TOTAL COST	142.245	77.131	84.349	0.000

P-1 Shopping List Item No. 98

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Exhibit P-1900	Date: February 2010
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	F-22
Facilities, Item No. 98	

FY 2011 PRESIDENT'S BUDGET

F-22 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:

FY 2009 FY 2010 FY 2011 FY 2011 OCO
BASIS FOR COST ESTIMATE:
F-22A 17.708 0.000
TOTAL COST 17.708 0.000 0.000 0.000

P-1 Shopping List Item No. 98

Exhibit P-1900	Date: February 2010
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	Precision Attack Systems Procurement
Facilities, Item No. 98	

FY 2011 PRESIDENT'S BUDGET PRECISION ATTACK SYSTEMS PROCUREMENT FACT SHEET (Dollars in Millions)

PROJECT TITLE: Precision Attack Systems Procurement

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

DESCRIPTION/JUSTIFICATION:FY 2009 funding totals include \$0 of appropriated supplemental "Bridge" funding, and \$126M of appropriated supplemental Overseas Contingency Operations funding.

FY 2010 funding totals include \$110M appropriated for the Overseas Contingency Operations

Supplemental Request.

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 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. The video data link 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). Advanced Targeting Pod - Sensor Enhancement (ATP-SE) is the next increment in ATP capability.

PROJECTED FINANCIAL PLAN:

BASIS FOR COST ESTIMATE:	FY 2009	FY 2010	FY 2011	FY 2011 OCO
DASIS FOR COST ESTIMATE.	211.359	152.411	160.638	57.500
TOTAL COST	211.359	152.411	160.638	57.500

P-1 Shopping List Item No. 98

Exhibit P-1900	Date: February 2010
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	Combat Training Range Equipment
Facilities, Item No. 98	

FY 2011 PRESIDENT'S BUDGET COMBAT TRAINING RANGE EQUIPMENT 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:FY11 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 FY11 will also be used to purchase related airborne subsystems equipment such as

peculiar support equipment and umbilicals. In addition, FY11 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:

	FY 2009	FY 2010	FY 2011	FY 2011 OCO
BASIS FOR COST ESTIMATE:				
Air Combat Training Systems (ACTS)				
P5 Combat Training Systems (P5CTS)	15.575	15.381	15.376	
TOTAL COST	15.575	15.381	15.376	0.000

P-1 Shopping List Item No. 98

Exhibit P-1900	Date: February 2010
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	C-5 AMP
Facilities, Item No. 98	

FY 2011 PRESIDENT'S BUDGET C-5 AMP FACT SHEET (Dollars in Millions)

PROJECT TITLE: C-5 AMP

MODELS OF AIRCRAFT APPLICABLE:

C-5 All

DESCRIPTION/JUSTIFICATION:

Depots at Robins AFB (WR-ALC), Tinker AFB (OC-ALC), and Hill AFB (OO-ALC) will provide AF

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 depot support capability for C-5 AMP aircraft at these locations.

PROJECTED FINANCIAL PLAN:

FY 2009 FY 2010 FY 2011 FY 2011 OCO
BASIS FOR COST ESTIMATE:
7.405 4.866 1.468 0.000
TOTAL COST 7.405 4.866 1.468 0.000

P-1 Shopping List Item No. 98

Exhibit P-1900	Date: February 2010
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	Electronic Warfare Integrated
Facilities, Item No. 98	Reprogramming (EWIR)

FY 2011 PRESIDENT'S BUDGET

ELECTRONIC WARFARE INTEGRATED REPROGRAMMING (EWIR) 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.

EX7.3000

PROJECTED FINANCIAL PLAN:

BASIS FOR COST ESTIMATE:	FY 2009	F Y 2010	FY 2011	FY 2011 OCO
	3.234	3.256	3.275	
TOTAL COST	3.234	3.256	3.275	0.000

P-1 Shopping List Item No. 98

	0.10			
Exhibit P-1900			Da	te: February 2010
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number			P-1 Line Item Nomencla	ture
Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and			Classified Prog	rams
Facilities, Item No. 98				
	CLASSIFIED PE	ESIDENT'S BUDGET ROGRAMS FACT SHEET ars in Millions)		
PROJECT TITLE:	Classified Program	ns		
MODELS OF AIRCRAFT APPLICABLE:	N/A			
DESCRIPTION/JUSTIFICATION:	Details of this prog	gram are available on a need-to-ki	now basis.	
PROJECTED FINANCIAL PLAN:				
BASIS FOR COST ESTIMATE:	FY 2009	FY 2010	FY 2011	FY 2011 OCO
	599.250	146.359	425.924	
TOTAL COST	599.250	146.359	425.924	0.000

Exhibit P-1900	Date: February 2010
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	MQ-9
Facilities, Item No. 98	
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FY 2011 PRESIDENT'S BUDGET

MQ-9 FACT SHEET (Dollars in Millions)

PROJECT TITLE: MQ-9

MODELS OF AIRCRAFT APPLICABLE:

MQ-9

DESCRIPTION/JUSTIFICATION: Funds required for MQ-9 Reaper Depot activation, including procuring depot repair equipment, depot repair

spares, depot repair data, technical data, and technical data rights.

PROJECTED FINANCIAL PLAN:

DAGIC FOR COST ESTIMATE.	FY 2009	FY 2010	FY 2011	FY 2011 OCO	
BASIS FOR COST ESTIMATE:		12.000	43.700		
TOTAL COST	0.000	12.000	43.700	0.000	

P-1 Shopping List Item No. 98

Exhibit P-1900	Date: February 2010
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	MQ-1 PRDT
Facilities, Item No. 98/99	

FY 2011 PRESIDENT'S BUDGET MQ-1 PRDT FACT SHEET (Dollars in Millions)

PROJECT TITLE: MQ-1 PRDT

MODELS OF AIRCRAFT APPLICABLE:

MQ-1B

DESCRIPTION/JUSTIFICATION: In FY 2010, Congress added \$10.0M for Predator Depot Activation.

Funds required for MQ-1B Predator Depot activation, including procuring depot repair equipment, depot

repair spares, depot repair data, technical data, and technical data rights.

Funding for MQ-1 PRDT corresponds to P-1 Line number 99 "Other Production Charges - MQ-1".

PROJECTED FINANCIAL PLAN:

BASIS FOR COST ESTIMATE:	FY 2009	FY 2010	FY 2011	FY 2011 OCO
	0.000	10.000	37.500	
TOTAL COST	0.000	10.000	37.500	0.000

P-1 Shopping List Item No. 98/99

Exhibit P-1900	Date: February 2010
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	Aerial Targets
Facilities, Item No. 98	

FY 2011 PRESIDENT'S BUDGET AERIAL TARGETS FACT SHEET (Dollars in Millions)

PROJECT TITLE: Aerial Targets

MODELS OF AIRCRAFT APPLICABLE: QF-4, QF-16, BQM-167A

DESCRIPTION/JUSTIFICATION:Program procures ALQ-167 and/or DLQ-9 electronic attack pods for target drones including support

equipment. Pods simulate threat aircraft electronic countermeasures and jamming capabilities.

PROJECTED FINANCIAL PLAN:

	FY 2009	FY 2010	FY 2011	FY 2011 OCO
BASIS FOR COST ESTIMATE:				
ALQ-167 and/or DLQ-9 electronic attack pods	9.132	10.163	10.260	
TOTAL COST	9.132	10.163	10.260	0.000

P-1 Shopping List Item No. 98

Exhibit P-1900	Date: February 2010
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	NAVSTAR Global Positioning System
Facilities, Item No. 98	(GPS) User Equipment

FY 2011 PRESIDENT'S BUDGET

NAVSTAR GLOBAL POSITIONING SYSTEM (GPS) USER EQUIPMENT FACT SHEET

(Dollars in Millions)

PROJECT TITLE: NAVSTAR Global Positioning System (GPS) User Equipment

MODELS OF AIRCRAFT APPLICABLE: 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

DESCRIPTION/JUSTIFICATION: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.

PROJECTED FINANCIAL PLAN:

	FY 2009	FY 2010	FY 2011	FY 2011 OCO
BASIS FOR COST ESTIMATE:				
Non-recurring/Integration	9.568	19.122	8.198	
TOTAL COST	9.568	19.122	8.198	0.000

P-1 Shopping List Item No. 98

Exhibit P-1900	Date: February 2010
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	KC-135 Airborne Broadcast Intelligence
Facilities, Item No. 98	(ABI)

FY 2011 PRESIDENT'S BUDGET KC-135 AIRBORNE BROADCAST INTELLIGENCE (ABI) 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 abilty 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.

EW 2011

PROJECTED FINANCIAL PLAN:

BASIS FOR COST ESTIMATE:	F Y 2009	FY 2010	FY 2011	FY 2011 OCO
	1.615	0.000	0.000	
TOTAL COST	1.615	0.000	0.000	0.000

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P-1 Shopping List Item No. 98

P-1900

EV 2011 OCO

Exhibit P-1900			Da	ate: February 2010		
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number				P-1 Line Item Nomenclature		
Aircraft Procurement, Air Force, Budget Activity	y 07, Aircraft S	Support Equipment an	d C-17			
Facilities, Item No. 98						
	C-17 F	CSIDENT'S BUDGET FACT SHEET rs in Millions)				
PROJECT TITLE:	C-17					
MODELS OF AIRCRAFT APPLICABLE:	C-17					
DESCRIPTION/JUSTIFICATION: Funds will provide Modern Intermediate Level Test stategic air maintenance training devices for the C-17 strategic air		· · · ·	* * * * *			
PROJECTED FINANCIAL PLAN:						
	FY 2009	FY 2010	FY 2011	FY 2011 OCO		
BASIS FOR COST ESTIMATE:	1 477					
TOTAL COST	1.477 1.477	0.000	0.000	0.000		

P-1 Shopping List Item No. 98

P-1 Line Item Nomenclature
C-17 AIRCRAFT

FY 2011 PRESIDENT'S BUDGET C-17 AIRCRAFT FACT SHEET (Dollars in Millions)

PROJECT TITLE: C-17 AIRCRAFT

MODELS OF AIRCRAFT APPLICABLE:

DESCRIPTION/JUSTIFICATION:This activity is for the Depot Activation of the C-17 system at the three USAF Air Logistic Centers.

PROJECTED FINANCIAL PLAN:

FY 2009 FY 2010 FY 2011 FY 2011 OCO
BASIS FOR COST ESTIMATE:

20.359 26.437 21.198

TOTAL COST 20.359 26.437 21.198 0.000

P-1 Shopping List Item No. 98

Exhibit P-1900	Date: February 2010
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	Pollution Prevention
Facilities, Item No. 98	

FY 2011 PRESIDENT'S BUDGET
POLLUTION PREVENTION 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:

	FY 2009	FY 2010	FY 2011	FY 2011 OCO
BASIS FOR COST ESTIMATE:				
	2.503	2.519	2.536	
TOTAL COST	2.503	2.519	2.536	0.000

P-1 Shopping List Item No. 98

Exhibit P-1900	Date: February 2010
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	Joint National Training Capability
Facilities, Item No. 98	

FY 2011 PRESIDENT'S BUDGET JOINT NATIONAL TRAINING CAPABILITY FACT SHEET (Dollars in Millions)

PROJECT TITLE: Joint National Training Capability

MODELS OF AIRCRAFT APPLICABLE: A-10, F-15, F-16, F/A-22, F-35, B-52, B-1, B-2

DESCRIPTION/JUSTIFICATION:This item provides aircraft equipment for the Joint National Training Capability (JNTC). This includes the

procurement of airborne instrumentation systems and/or jamming pods to support joint and multi-service

requirements to enhance training realism. FY11 procures Advanced Capability Pods (ACaP).

PROJECTED FINANCIAL PLAN:

	FY 2009	FY 2010	FY 2011	FY 2011 OCO
BASIS FOR COST ESTIMATE:				
P5 Combat Training Systems (P5CTS) Pods				
Advanced Capability Pods (ACaP)	2.442	2.714	0.000	0.000
TOTAL COST	2.442	2.714	0.000	0.000

P-1 Shopping List Item No. 98

Exhibit P-1900	Date: February 2010
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	NATO AWACS Modernization
Facilities, Item No. 98	

FY 2011 PRESIDENT'S BUDGET
NATO AWACS MODERNIZATION FACT SHEET
(Dollars in Millions)

PROJECT TITLE: NATO AWACS Modernization

MODELS OF AIRCRAFT APPLICABLE:

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. Fiscal Year Defense Plan funding provides the required U.S. contribution for the projects defined by the NATO AEW&C Board of Directors and approved by the U.S. government.

PROJECTED FINANCIAL PLAN:

	FY 2009	FY 2010	FY 2011	FY 2011 OCO
BASIS FOR COST ESTIMATE:				
NATO AWACS-Modernization Projection	cts 5.968	0.000	38.431	0.000
TOTAL COST	5.968	0.000	38.431	0.000

P-1 Shopping List Item No. 98

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Exhibit P-40, Budget Item Justification				Date: February 2010					
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					DARP				
Facilities, Item No. 104									
					Total				
	FY 2009	FY 2010	FY 2011	FY 2011 OCO	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015
Proc Qty					0	•			
Total Proc Cost (\$ M)	38.371	15.323	19.117	47.300	66.417	0.000	0.000	0.000	0.000

Description

FY 2009 funding totals include \$17.4M of appropriated supplemental Overseas Contingency Opearations funding.

FY 2011 funding totals include \$47.3M requested for Overseas Contingency Opearations.

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).

P-1 Shopping List Item No. 104

Budget Item Justification Exhibit P-40, page 1 of 2

Exhibit P-1900, P-1900	Date: February 2010
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	DARP
Facilities, Item No. 104	

FY 2011 PRESIDENT'S BUDGET DARP MODS FACT SHEET (Dollars in Millions)

PROJECT TITLE: DARP

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:

	FY 2009	FY 2010	FY 2011	FY 2011 OCO
BASIS FOR COST ESTIMATE:	20.251	15.000	10.115	45 200
	38.371	15.323	19.117	47.300
TOTAL COST	38.371	15.323	19.117	47.300

P-1 Shopping List Item No. 104