UNITED STATES AIR FORCE

Committee Staff Procurement Backup Book

FY 2008/2009 Budget Estimates



February 2007

AIRCRAFT PROCUREMENT, AIR FORCE VOLUME I

OPR: SAF/FMB

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FY 2008/2009 BUDGET ESTIMATES

FEBRUARY 2007

SECTION 1:

APPROPRIATION LANGUAGE

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AIRCRAFT PROCUREMENT AIR FORCE

For construction, procurement, and modification of aircraft and equipment, including armor and armament, specialized ground handling equipment, and training devices, spares parts, and accessories therefor; specialized equipment; expansion of public and private plants, Government-owned equipment and installation thereof in such plants, erection of structures, and acquisition of land, for the foregoing purposes, and such lands and interests therein, may be acquired, and construction prosecuted thereon prior to approval of title; reserve plant and Government and contractor-owned equipment layaway; and other expenses necessary for the foregoing purposes including rents and transportation of things, \$12,393,270,000 to remain available for obligation until September 30, 2010.

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FY 2008/2009 BUDGET ESTIMATES

FEBRUARY 2007

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

FY 2008/2009 BUDGET ESTIMATES

FEBRUARY 2007

SECTION 3:

3010F AIRCRAFT, EXHIBIT P-1

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DEPARTMENT OF THE AIR FORCE

FY 2008 PROCUREMENT PROGRAM

SUMMARY 22 JAN 2007 (\$ IN MILLIONS)

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE			
ACTIVITY	PY 2006	FY 2007	KX 5008
01. COMBAT AIRCRAFT	3,753.5	3,956.9	5,001.1
02. AIRLIPT AIRCRAFT	4,424.7	5,131.2	1,622.4
03. TRAINER AIRCRAFT	328.8	394.0	245.3
04. OTHER AIRCRAFT	973.0	1,017.0	1,548.1
05. MODIFICATION OF INSERVICE AIRCRAFT	2,396.7	2,592.4	3,150.2
DG. AIRCRAFT SPARES AND REPAIR PARTS	183.2	239.6	267.4
07. AIRCRAPT SUPPORT EQUIPMENT AND FACILITIES	1,085.3	686.6	1,158.3
TOTAL AIRCRAFT PROCUREMENT, AIR FORCE	13,145.8	13,927.7	12,393.3

DEPARTMENT OF THE AIR FORCE PY 2008 PROCUREMENT PROGRAM

EXHIBIT P-1

5,001.1

DATE: 22 JAN 2007

APPROPRIATION: 3010F AIRCRAFT PROCUREMENT, AIR FORCE

TOTAL COMBAT AIRCRAFT

			;	MILLIONS	or Dollar	S		s				
LINE NO ETEM NOMENCLATURE	CODB	QUANTITY	2006 COST	PY	COST		2008 COST	8				
BUDGET ACTIVITY 01: COMBAT AIRCRAFT	******											
TACTICAL PORCES												
1 F-35 LESS: ADVANCE PROCUREMENT (PY)	A			2	(595.3) (-117.4)	6	(1,391.8)					
			· . · . · . · . ·		477.8		1,298.2					
2 F-39 ADVANCE PROCUREMENT (CY) (FY 2005 FOR PY 2007) (MEMO) (FY 2007 FOR FY 2008) (MEMO)			117.4 (117.4)		93.7 (93.7)		123.5					
(PY 2008 FOR FY 2009) (MEMO)							(123.5)					
3 P-22A LESS: ADVANCE PROCUREMENT (PY)	A	23	(3,680.7) (-473.9) 3,206.9		(3,129.7) (-429.1) 2,700.5		(3,738.0) (~585.3) 					
4 F-22A ADVANCE PROCUREMENT (CY) (FY 2005 FOR FY 2007) (MBMO)			429.1 (429.1)		684.9		426.7	υ				
(FY 2007 FOR FY 2008) (MEMO) (FY 2007 FOR FY 2009) (MEMO) (FY 2008 FOR PY 2009) (MEMO)					(585.3) (99.6)		(426.7)					
S F-19E LESS: ADVANCE PROCUREMENT (PY)	A		(.3) (~.2)					U				
			*		******							

PAGE P-3 UNCLASSIFIED

3,956.9

3,793.5

DEPARTMENT OF THE AIR WORCE

FY 2008 PROCUMEMENT PROGRAM EXHIBIT P-1

APPROPRIATION: 3010F AIRCRAFT PROCUREMENT, AIR FORCE DATE: 22 JAN 2007

1.8 T 1.Y	T733332	0.00	71177	1.2003

	Middians of Evaluans S							
LINE NO ITEM NOMENCLATURE		FY QUANTITY		QUANTITY	COST	FY QUANTITY	COST	E
BUDGET ACTIVITY 02: AIRLIFT AIRCRAFT								
TACTICAL AIRLIPT								
6 C-17A (MYP) LESS: ADVANCE PROCUREMENT (PY)	Α	3.5	(3,259.1) (~467.3)	23	(5,235.2) (-888.0)		(260.6)	ប
			2,791.8		4,347.2		260.€	
7 C-17A (MYP) ADVANCE PROCUREMENT (CY) (FY 2006 FOR FY 2007) (MEMO)			657.3 (657.3)					U
OTHER AIRLIFT								
8 C-130J LESS: ADVANCE PROCUREMENT (PY)	А	2.1.	(1,035.8) (~139.1)	9	(804.0) (-109.7)	9	(799.7) (-113.5)	
			896.7		694.3		686.1	
9 C-130J ADVANCE PROCUREMENT (CY) (FY 2006 FOR FY 2007) (MEMO) (FY 2007 FOR FY 2008) (MEMO)			78.9 (78.9)		89.7 (89.7)			υ
10 HC-130 RECAP ADVANCE PROCUREMENT (CY) (FY 2008 FOR PY 2009) (MEMO)							10.0 (10.0)	-
11 MC - 130 RECAP ADVANCE PROCUREMENT (CY) (FY 2008 FOR FY 2009) (MEMO)					~~~~~		65.7 (65.7)	-
TOTAL AIRLIFT AIRCRAFT			4,424.7		5,131.2		1,022.4	
BUDGET ACTIVITY 03: TRAINER AIRCRAFT								
OPERATIONAL TRAINERS								
12 JPATS	A	54	328.8	43	384.0	39	245.9	£.
TOTAL TRAINER AIRCRAFT			328.8		304.0		249.9	

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DEPARTMENT OF THE AIR FORCE FY 2008 PROCUREMENT PROGRAM

EXHIBIT P-1

DATE: 22 JAN 2007

APPROPRIATION:	30303	AHRCRAPT	EROCHRESSENCE.	AIR	ROKOR	

	niism: Joice minimer: envolunimer.			OF DOLLAR	oluars				
LINB NO	ITEM NOMENCLATURE		FY QUANTITY		FY QUANTITY		PY YTI TKAUQ		8
	CTIVITY 04: OTHER MERCRAPT								
HELICOF	Ters								
13 V22 LESS	OSPRBY C ADVANCE PROCUREMENT (PX)	A	2	(230.1) (~10.9)	2	(218.2)		(474.0) (~20.2)	
				219.3		207.8		453.8	
(EX (EX (EX (EX (EX (EX (EX (EX	OSPREY NCE PROCUREMENT (CY) 2006 FOR FX 2007) (MEMO) 2007 FOR FX 2008) (MEMO) 2007 FOR FY 2008) (MEMO) 2007 FOR FY 2010) (MEMO) 2007 FOR FY 2011) (MEMO) 2007 FOR FY 2012) (MEMO) 2008 FOR FY 2009) (MEMO) 2008 FOR FY 2010) (MEMO) 2008 FOR FY 2011) (MEMO) 2008 FOR FY 2012) (MEMO)			10.4 (10.4)		34.3 (20.2) (4.6) (3.3) (3.0) (3.3)		(24.6) (5.7) (5.2) (5.7)	
MISSION	SUPPORT AIRCRAFT								
15 C-40		*					5	48.6	บ
re civi	L AIR PATROL A/C	А		€.5		10.2		4.5	Ü
OTHER A	IRCRAFT								
17 TARG	et drones	A		78.6		81.7		85.6	Ü
18 C-37	A	æ	1	45.2					Ü
	AL HAWK : ADVANCE PROCUREMENT (PY)	Ä	5	(355.7) (-60.2)	ê	(461.4) (~64.1)	S	(564.7) (-50.7)	
				295.4		397.3		514.0	
adva (FY	MAL HAWK NOTE PROCUREMENT (CY) 2006 FOR FY 2007) (MEMO)			64.1 (64.1)		50.7		63.8	D
•	2008 FOR FY 2008) (MEMO)					(50.7)		(63.8)	į

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DEPARTMENT OF THE AIR FORCE FY 2008 PROCUREMENT PROGRAM

EXHIBIT P-1

DATE: 22 JAN 2007 APPROPRIATION: 3010F AIRCRAFT PROCUREMENT, AIR FORCE

			MILLIONS OF DOLLARS						~
LINE	ITEM NOMENCLATURE				PY QUANTITY		QUANTITY		
	MQ-1	A	26	293.6	26	235.0	24	278.0	Ü
22	MQ-3					~~~~	4	58.5	υ
TOTA	L OTHER AIRCRAFT			373.0		1,017.0		1,548.1	
	ET ACTIVITY OS: MODIFICATION OF INSERVICE A	ircraf	II,						
ST	RATEGIC AIRCRAFT								
23	B-28	A		£1.3		192.6		316.1	U
24	B-1F	A		33.9		53.1		53.1	U
25	B-52	A		128.5		69.9		18.1	Ü
26	F-117	Α.		7.7		2.0			IJ
TAC	TICAL AIRCRAFT								
27	A-10	å.		72.0		206.9		167.1	Ü
28	R-18	Α		192.8		164.3		19.2	Ü
29	F-16	A		428.2		366.3		329.4	U
30	F-23A	A		52.9		145.6		281.9	Ü
AIR	RLIFT AIRCRAFT								
33.	C-5 LESS: ADVANCE PROCUREMENT (PY)	Α		(91.9)		(180.9) (-19.7)		(198.9)	
				91.9		161.2		332.0	
	C-5 ADVANCE PROCUREMENT (CY) (PY 2006 FOR FY 2007) (MEMO)			19.7		66.5		66.7	υ
	(FY 2007 FOR FY 2008) (MEMO) (FY 2008 FOR FY 2009) (MEMO)					(66.5)		(66.7)	
3.3	C-17A	A		248.5		250.5		211.2	ñ
34	C+23.	Α		7.3.		1.3		13.9	8

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DEFARTMENT OF THE AIR FORCE FY 2006 PROCUREMENT PROGRAM

FY 2008 PROTUREMENT PROGRAM EXHIBIT P-1

APPROPRIATION: 3010F AIRCRAFT PROCUBEMENT, AIR PORCE

DATB: 22 JAN 2807

		RILLIONS OF DOLLARS							
	TTEM NOMENCLATURE			FY 2007 QUANTITY COST	FY 2008 QUANTITY COST	8 B C			
35 C~32A		Ä	3&.&	5.2	1.6	ij			
36 C-37A		А	.3	.*	.4	U			
TRAINER A	IRCRAFT								
37 GLIDER	MODS	А	3.0	. 1.	. 3	Ü			
38 T~6		Ä	6.3.	6.3	17.1	n			
39 T-1		A	. 2	. 3	*	U			
40 T~38		Ä	212.3	143.2	130.8	IJ			
41 T-43		A	1.8	2.1	2.2	U			
OTHER AIR	CKART								
42 KC-10&	(ARCA)	A	19.7	6.7	1.9	U			
43 C-12		А	6.2	.9	.5	U			
44 C-20 MG	ans	À	. 4	. 5	. \$	U			
49 VC-25A	MOD	А	12.8	1.0	28.4	υ			
46 C-40		Ą	. 2	. 2	. 2	Ü			
47 C-130		А	180.2	182.6	384.4	U			
48 C130J F	4ODS	A	5,9	18.9	62.3	U			
49 C-135		A	93.7	86.2	3.18.6	Ţ.			
SO COMPASS	S CALL MODS	A	29.5	46.6	49.3	ប			
51 C-29A ?	MODS	A	3.7			Ţ			
52 DARF		A	108.6	89.5	106.1	ប			
53 E-3		A	48.8	64.3	54.3	Ü			
54 %-4		А	72.3	5.6	19.7	υ			
55 E-8		A	34.6	3.37.6	79.7	U			

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DEPARTMENT OF THE AIR FORCE

FY 2008 PROCUREMENT PROGRAM EXHIBIT P-1

APPROPRIATION: 3010F AIRCRAFT PROCUREMENT, AIR FORCE

DATE: 22 JAN 2007

		MILLIONS OF DOLLARS S							
LINE	ITEM NOMENCLATURE	CODE Q		FY 2007 QUANTITY COST		x			
56 H-1		Ä	33.8	40.3	22.1	ij			
57 R-60		A	60.0	16.7	19.6	Ð			
58 GLOBA	L HAWK MODS	Ä		4.6	24.3	IJ			
ss other	AIRCRAFT	A	61.0	94.1	109.5	ប			
60 MQ-1	MODS	A	29.9	58.0	74.7	IJ			
61 MQ-9	MODS				20.6	Ü			
62 CV-22	Mode	А	3.6	.4	16.5	U			
TOTAL MOD	ification of inservice aircraft		2,396.7						
	TIVITY 06: AIRCRAPT SPARES AND REF	PAIR PARTS							
AIRCRAFT	SPARES + REPAIR PARTS								
ea initi	al spares/repair farts	A	183.2			Ü			
TOTAL AIR	CRAFT SPARES AND REPAIR PARTS		183.2	239.6	267.4				
	TIVITY 07: AIRCRAFT SUPPORT EQUIPM	BENT AND FACI	LITIES						
COMMON S	UPPORT EQUIPMENT								
64 AIRCR	AFT REPLACEMENT SUFFORT EQUIP	A	122.0	191.7	111.1	IJ			
POST PRO	DUCTION SUPPORT								
65 B-1		A	13.3	10.3		IJ			
66 B-2A		A	8.9	7,7		ŭ			
67 B~2A		А	27.0	11.7	34.8	υ			
68 8-92		% .	18.7	8.1		ŭ			
69 C-5		A			18.3	ប			
70 C-21					3.4.9	33			

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APPROPRIATION: BOLOF AIRCRAFT PROCUREMENT, AIR FORCE

MILLIONS OF DOLLARS

DATE: 22 JAN 2007

		WILLIAMS OF INDIANA								
LINE NO ITEM NOMENCLATIS	GOD,	e quantity			FY 2008 QUANTITY COST	8 C -				
71 0-130	A		20.2		16.9	ប				
72 KC-130J	&.				5.3	IJ				
73 Y-15	À		13.0	10.7	5.5	υ				
74 %-16	&		17.5	12.2	19.5	ប				
75 OTHER AIRCRAFT	A				101.9	ប				
INDUSTRIAL PREPAREDNESS	,									
76 INDUSTRIAL RESPONSIVE	NESS A		23 9	23.4	23.9	υ				
WAR CONSUMABLES										
77 WAR CONSUMABLES	Α		24.1	25.3	85.7	ប				
OTHER PRODUCTION CHARGES										
76 OTHER PRODUCTION CHARG	BES A		663.1	452.7	683.1	υ				
79 DEPOT MODERNIZATION	Α			1.4		U				
CLASSIFIED FEOGRAMS										
80 CLASSIFIED FROGRAMS	A									
81 CLASSIFIED ACTIVITIES	&									
82 SPECIAL PROGRAMS	Α									
OTHER PRODUCTION CHARGES	~ SOF									
83 CANCELLED ACCT ADJUSTN	MENTS A		1.2			U				
DARF										
B4 DARP	A		125.7	1.3.0	27.3	Ţ				
TOTAL AIRCRAFT SUPPORT EQU	JIPMENT AND FACILITIES		1,085.9	686.6	1,158.3					
TOTAL AIRCRAFT PROCUREMENT	C, AIR FORCE		13,145.8	13,927,7	12,393.3					

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FY 2008/2009 BUDGET ESTIMATES

FEBRUARY 2007

SECTION 4:

P-1 LINE ITEM DETAIL

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FY 2008/2009 PROGRAM & BUDGET REVIEW SUBMISSION BUDGET ACTIVITY 01 – COMBAT AIRCRAFT FEBRUARY 2007

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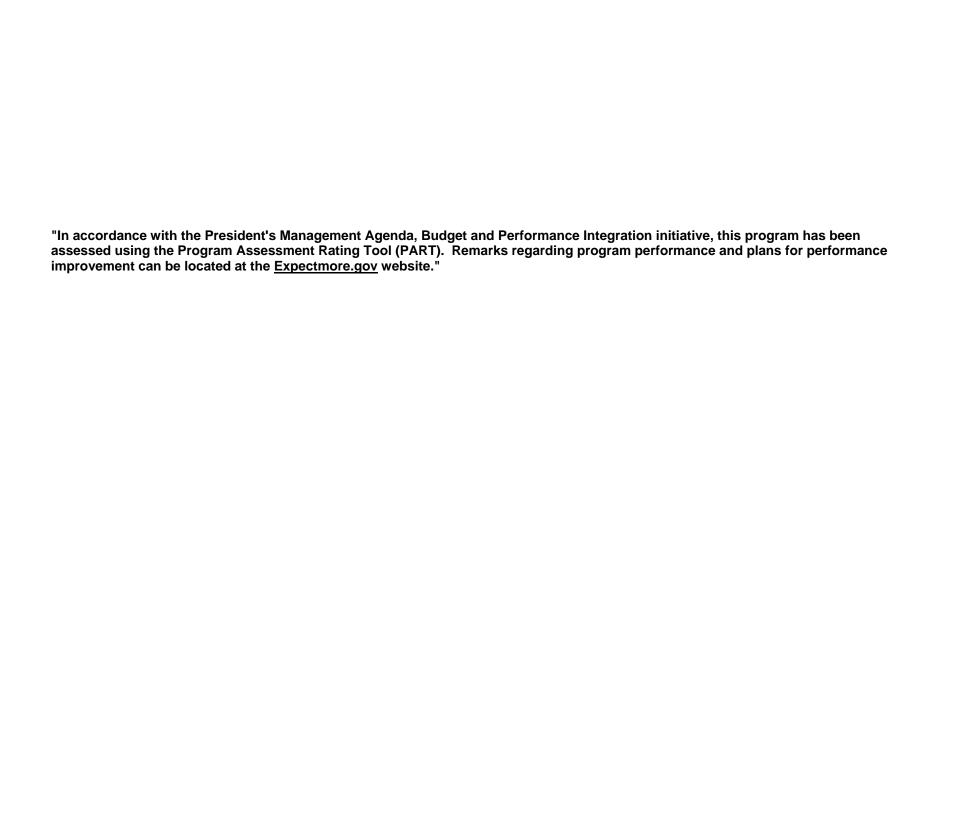


Exhibit P-40, Budget Item Just	tification								Date	e: February	2007	
Appropriation (Treasury) Code/CC/BA	/BSA/Item Co	ontrol Number						P-1 Line Ite	m Nomenclatu	re		
Aircraft Procurement, Ai	r Force,	Budget Act	ivity 01, (Combat A	Aircraft, It	em No. 1		F-35				
Program Element for Code B Items	:	N/A			Other Relate	ed Program E	lements:		0604800F			
	ID Code	Prior Years	FY 2010	FY 2011	FY 2012	FY 2013	To Comp	Total				
Proc Qty	A			12	24	42	48	TBD	TBD			
Cost (\$ M)				1659.691	2102.904	2957.096	4189.527	4377.685	TBD	TBD		
Advance Proc Cost (\$ M)			117.447	93.657	123.539	136.904	231.764	358.194	365.977	468.838	TBD	TBD
Weapon System Cost (\$ M)		0.000	117.447	571.480	1421.706	1796.595	2334.668	3315.290	4555.504	4846.523	TBD	TBD
Initial Spares (\$ M)			0.000	77.011	40.007	109.696	122.635	228.821	358.581	376.115	TBD	TBD
Total Proc Cost (\$ M)		0.000	117.447	648.491	1461.713	1906.291	2457.303	3544.111	4914.085	5222.638	TBD	TBD
Flyaway Unit Cost (\$ M)			0.000	243.570	200.100	199.328	162.523	118.462	93.896	83.933	TBD	TBD
Wpn Sys Unit Cost (\$ M)			0.000	285.740	236.951	224.574	194.556	138.137	108.464	100.969	TBD	TBD

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 (DoAF) and currently resides with the Navy. The F-35 is the next generation strike fighter which will increase aero performance, stealth signature and countermeasures. Its advanced avionics, data links and adverse weather precision targeting will incorporate the latest technology available. The F-35 has increased range with internal fuel and will include superior weaponry over existing aircraft. The highly supportable, affordable, state-of-the-art aircraft will command and maintain global air superiority. The production cost and quantities are interdependent due to one manufacturer for the program. Navy procurement begins in FY08 with Long-Lead in FY07.

FY 2008 Program Justification

USAF funding supports procurement of 6 CTOL aircraft and advanced procurement for 8 CTOL aircraft.

FY 2009 Program Justification

USAF funding supports procurement of 8 CTOL aircraft and advanced procurement for 12 CTOL aircraft.

P-1 Shopping List Item No. 1

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

Exhibit P-5, Weapon System Cost An	xhibit P-5, Weapon System Cost Analysis											07	
Appropriation (Treasury) Code/CC/BA/BSA/Ite									Item Nomer	nclature			
Aircraft Procurement, Air Ford	ce, Budget A	ctivity	01, Com	bat Aircr	aft, Iter	<u>n No. 1</u>		F-35					
Manufacturer's Name/Plant City/State Loca	ation			Subline Iter	m								
Lockheed Martin/Ft Worth TX													
Weapon System	Ident					Total	Cost in Mil	lions of D	ollars				
Cost Elements	Code		FY 2006			FY 2007			FY 2008			FY 2009	
				Total			Total			Total	'		Total
		Qty	Unit Cost	Cost	Qty	Unit Cost	Cost	Qty	Unit Cost	Cost	Qty	Unit Cost	Cost
Airframe/CFE	A				2	127.515	255.030	6			8	95.884	767.069
CFE Electronics	A	<u> </u>			2	47.335	94.670	6	36.989	221.935	8	32.920	263.360
GFE Electronics	A												
Engines/Eng ACC	A				2	12.665	25.330	6	11.930	71.582	8	11.036	88.286
Armament	A												
ECO (Flyaway)	A				2	14.370	28.740	6	9.367	56.203	8	5.483	43.866
Subtotal Recurring Flyaway							403.770			1028.714			1162.581
Non-Recurring Cost	A						74.110			150.775			406.853
Ancillary Equip	В						9.260			21.111			25.191
Subtotal Non-Recurring Flyaway					,		83.370			171.886			432.044
Peculiar Ground Support Equipment	В						16.261			28.883			27.410
Peculiar Training Equipment	В				,		11.184			19.866			18.853
Publication/Technical Equipment	В						1.940			3.446			3.270
Field Support/ILS	В				,		38.543			68.460			64.970
Production Engineering Support	В						40.206			70.567			74.103
Subtotal Support Cost					,		108.134			191.222			188.606
Gross P-1 Cost							595.270			1391.824			1783.230
Advance Procurement Credit	A				,		-117.447			-93.657			-123.539
Net P-1 Cost							477.823			1298.167			1659.691
Advance Procurement	A			117.447	,		93.657			123.539			136.904
Weapon System Cost 117.447 571.480 1421.706 1796.59												1796.595	
Initial Spares					,		77.011			40.007			109.696
TOTAL PROGRAM				117.447			571.480			1421.706			1796.595
Comments	<u> </u>				,						,		
NOTE: 1) Total Program does not include	Initial Spares. Ini	tial Spare	es added in to	otal on P-40.									
2) Nonrecurring Costs includes funding for	Diminishing Mar	ıufacturin	ıg Sources (Γ	OMS) necess	ary to prot	ect JSF deli	ivery schedi	ale					

P-1 Shopping List Item No. 1

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

Exhibit P-5A, Procurement His	tory ar	nd Planning							Dat	e: February	2007	
Appropriation (Treasury) Code/CC/BA	/BSA/Ite	m Control Num	ber					P-1 Line It	em Nomenclatu	ıre		
Aircraft Procurement, Air	r Ford	e, Budge	t Activity	01, Comb	oat Aircra	ft, Item No	o. 1	F-35				
Weapon System					Subline Iter	n						
JSF												
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	Specs Available Now?	Date Revision Available?
WBS Cost Elements	Qty	Cint Cost	100	Dute	Wictiod	Турс	Contractor and I	20cation	71ward Date	Denvery	ITOW.	7 (Valiable :
Lockheed Martin (FY07)	2	189.220	Arlington, VA	Mar-07	SS	CPIF/AF	Lockheed Martin Worth, TX	n, Ft	May-07	Jan-10	Yes	
Pratt & Whitney (FY07)	2		Arlington, VA	Feb-06	SS	CPIF/AF	Pratt & Whitney Hartford, CT		Apr-07	Apr-08	Yes	
Lockheed Martin (FY08)	6		Arlington, VA	Feb-07	SS	CPIF/AF	Lockheed Martin Worth, TX		Feb-08	Mar-10	Yes	
Pratt & Whitney (FY08)	6		Arlington, VA	Feb-07	SS	CPIF/AF	Pratt & Whitney Hartford, CT		Jan-08	Dec-09	Yes	
Lockheed Martin (FY09)	8		Arlington, VA	Feb-08	SS	CPIF/AF	Lockheed Martin Worth, TX		Feb-09	Mar-11	Yes	
Pratt & Whitney (FY09)	8		Arlington, VA	Feb-08	SS	CPIF/AF	Pratt & Whitney Hartford, CT		Jan-09	Apr-10	Yes	
Lockheed Martin (FY10)	12		Arlington, VA	Feb-09	SS	CPIF/AF	Lockheed Martin Worth, TX	•	Feb-10	Jan-12	Yes	
Pratt & Whitney (FY10)	12		Arlington, VA	Feb-09	SS	CPIF/AF	Pratt & Whitney Hartford, CT	, East	Jan-10	Apr-11	Yes	
Lockheed Martin (FY11)	24		Arlington, VA	Feb-10	SS	CPIF/AF	Lockheed Martin Worth, TX		Feb-11	Jan-13	Yes	
Pratt & Whitney (FY11)	24		Arlington, VA	Feb-10	SS	CPIF/AF	Pratt & Whitney Hartford, CT		Jan-11	Apr-12	Yes	
Lockheed Martin (FY12)	42		Arlington, VA	Feb-11	SS	CPIF/AF	Lockheed Martin Worth, TX	n, Ft	Feb-12	Jan-14	Yes	
Pratt & Whitney (FY12)	42		Arlington, VA	Feb-11	SS	CPIF/AF	Pratt & Whitney Hartford, CT		Jan-12	Apr-13	Yes	
Lockheed Martin (FY13)	48		Arlington, VA	Feb-12	SS	CPIF/AF	Lockheed Martin Worth, TX		Feb-13	Jan-15	Yes	
Pratt & Whitney (FY13)	48	8.894	Arlington, VA	Feb-12	SS	CPIF/AF	Pratt & Whitney Hartford, CT	, East	Jan-13	Apr-14	Yes	
Remarks												
					nina List Itel						listory and	

Exhibit P-5A, page 3 of 6

Exhil	bit P-21, Productio	n Sched	lule																			D	ate: I	=ebru	uary 2	2007	,			
Appro	priation (Treasury) Cod	e/CC/BA/E	3SA/Item (Control No	umber													Р	-1 Lin	e Iten	n Nom	nencla	ature							
Airc	raft Procureme	ent, Air	Force,	, Budg	jet Acti	vity	01,	Co	mba	at A	ircr	aft,	lten	n No	5. 1			F	-35											
		S	PROC.	ACCEP. PRIOR	BALANCE DUE		2007			FIS	SCAL Y	EAR 2		ENDAF	R YEAR	2008						FIS		EAR 20 ALEND		EAR 200	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
	007	USAF	2	0	2																									2
	008	USAF	6	(6																							<u> </u>	 	6
	010	USAF USAF	12		12																								$\vdash \!$	12
	011	USAF	24	0) 24																				1		24			
20	012	USAF	42	(42																			1		42				
	013	USAF	48	(48																									48
TOTAL			142	0	142																							<u> </u>		142
						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	U U	A U G	S E P	
					PRODUCT	ION R	ATES							PRO	CURE	MENT	LEAD :	TIME												
ITEN 4/8	MANUEL OTUBERIO NAME		LOCATION	ī	SUST	SHIF	RS	M A								MIN TIME			MFG			TOTAL								
	MANUFACTURER'S NAME d Martin		LOCATION Ft Worth TX	-		DAYS 2/8/5)	X 16						DD	IOR	AFT	ED		TIME			AFTEF 1 OCT								
LOCKIEC	ou Martin		rt wortii 12	Δ.	0	2/0/3		10							OCT	1 C						1 001								
									INITIA						7		5			35			40	1						
DEMI	21/0								REOF	RDER																				
REMAR	(K)																													

P-1 Shopping List Item No. 1

Production Schedule Exhibit P-21, page 4 of 6

Exhibit P-21, Production Sched	ule																			D	ate: I	=ebru	uary :	2007				
Appropriation (Treasury) Code/CC/BA/E	SSA/Item C	ontrol Nu	ımber													Р	-1 Lin	e Item	n Nom	nencla	ature							
Aircraft Procurement, Air	Force,	Budg	et Acti	vity	01,	Co	mba	at A	ircr	aft,	lten	n No	o. 1			F	-35											
S E	PROC.	ACCEP. PRIOR	BALANCE DUE		2009			FIS	CAL Y	EAR 2		ENDAF	R YEAR	2010						FIS	CAL Y	EAR 20 ALEND		AR 20	11			L A
PROCUREMENT YEAR R	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 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
2007 USAF	2	0	2				1	1																				0
2008 USAF	6	0	6						1	1	1	1	1	1							1		1		1	<u> </u>		0
2009 USAF 2010 USAF	12	0	12																		1		1		1	1		12
2011 USAF	24	0	24																							24		
2012 USAF	42	0	42																				42					
2013 USAF	48	0	48																									48
TOTAL	142	0	142				1	1	1	1	1	1	1	1							1		1		1	1		130
				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 L	U G	S E P	
			PRODUCT	ION R	ATES							PRC	CURE	MENT	LEAD :	TIME										-		
			SUST	SHIF	RS	M A								MIN TIME			MFG			TOTAL								
ITEM/MANUFACTURER'S NAME Lockheed Martin	LOCATION			DAYS	5	X							IOD	_ ^ E3			TIME			AFTER								
Lockheed Martin	Ft Worth TX		6	2/8/5		16							IOR OCT	AF1	CT					1 OCT								
							INITIA						7		5			35			40							
REMARKS							KEUR	DEK																				

P-1 Shopping List Item No. 1

Production Schedule Exhibit P-21, page 5 of 6

Exhibit P-21, Production Schedule													D	ate: I	-ebru	uary 2	2007				
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Numbe	ər									P-1	Line It	em Nor	nencla	ature							
Aircraft Procurement, Air Force, Budget	Activity 0	1, Con	nbat Ai	rcra	ft, Ite	em N	lo. 1			F-	35										
S PROC PRIOR D	LANCE DUE 20	11	FISO	CAL YE	AR 2012 C		AR YEAR	2012					FIS	SCAL Y Ca	EAR 20 ALEND		AR 20	13			L A
PROCUREMENT YEAR R QTY TO AS 1 OCT 1 C	OCT C	N D E C	J F A E N B	M A R	A N P A R Y	M J A U Y N	J U L	A U G	S E P	-	N D O E V C	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
2007 USAF 2 2	0																				0
2008 USAF 6 6 6 2009 USAF 8 4	0	1 1				_												<u> </u>	<u> </u>		0
2009 USAF 8 4 2 2010 USAF 12 0	12	1 1	1 1	1	1	1	1 1	1	2.	2											0
2011 USAF 24 0	24											1	. 1	2	2	2	2	2	2	2	8
2012 USAF 42 0	42																			42	
2013 USAF 48 0	48																				48
TOTAL 142 12	130 2	1 1	1 1	1	1	1	1 1	1	2	2		1	. 1	2	2	2	2	2	2	2	98
	O N C C	N D E C	J F A E N B	M A R	A N P A R	M J A U Y N	J U L	A U G	S E P	-	N D O E V C		F E B	M A R	A P R	M A Y	J U N	U U L	A U G	S E P	
PRO	ODUCTION RATE	S		•	•	PR	OCURE	MENT L	EAD T	IME		•	•							•	
MIN SUS	ST HOURS	M A						MIN TIME		M	FG		TOTAL								
ITEM/MANUFACTURER'S NAME LOCATION Lockheed Martin Ft Worth TX	DAYS 6 2/8/5	16				_	RIOR	AFT	ED	TI	ME		AFTER 1 OCT								
Lockneed Wartin Ft Worth 1A	0 2/8/3	10					OCT	100					1 001								
	INITIAL 7								5			35		40	1						
DEMARKO.		F	REORDER																		
REMARKS																					

P-1 Shopping List Item No. 1

Production Schedule Exhibit P-21, page 6 of 6

Exhibit P-40, Budget Item Jus	tification								Dat	e: February	2007	
Appropriation (Treasury) Code/CC/BA	VBSA/Item Co	ontrol Number						P-1 Line Ite	m Nomenclatu	re		
Aircraft Procurement, A	ir Force,	Budget Act	tivity 01, (Combat A	Aircraft, It	em No. 2		F-35 Ad	vance Pr	ocureme	nt	
Program Element for Code B Items	3:	N/A			Other Relate	ed Program E	Elements:		0604800F			
	ID Code	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Comp	Total
Proc Qty	A											0
Cost (\$ M)								0.000				
Advance Proc Cost (\$ M)			117.447	93.657	123.539	136.904	231.764	358.194	365.977	468.838	TBD	TBD
Weapon System Cost (\$ M)		0.000	117.447	93.657	123.539	136.904	231.764	358.194	365.977	468.838	TBD	TBD
Initial Spares (\$ M)												0.000
Total Proc Cost (\$ M)		0.000	117.447	93.657	123.539	136.904	231.764	358.194	365.977	468.838	TBD	TBD
Flyaway Unit Cost (\$ M)												
Wpn Sys Unit Cost (\$ M)												

Description

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

FY 2008 Program Justification

USAF procurement in FY 2008 provides full funding for 6 CTOL aircraft and advanced procurement funding for 8 CTOL aircraft.

FY 2009 Program Justification

USAF procurement in FY2009 provides full funding for 8 CTOL aircraft and advanced procurement funding for 12 CTOL aircraft.

P-1 Shopping List Item No. 2

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

Exhibit P-10 p.1, Advance F	Procuremo	ent Requirer	ments Analy	ysis						Date:	February 2	.007	•
(Page 1 - Funding)													
Appropriation (Treasury) Code/CC	J/BA/BSA/Ite	m Control Nun	nber					Р	P-1 Line Item N	Iomenclature			
Aircraft Procurement,	, Air Ford	ce, Budge	t Activity	01, Com	ıbat Aircı	raft, Item	No. 2	F	-35 Adva	ince Pro	curemen	t	,
Weapon System						First System				First System	Completion D	Date	
JSF_AP							Mar-	-07			Sep	ı - 09	
						Millions)							!
<u>Description</u>	<u>PLT</u>	When Rqd	Prior Years	<u>FY 2006</u>	<u>FY 2007</u>	<u>FY 2008</u>	FY 2009	<u>FY 2010</u>	<u>FY 2011</u>	<u>FY 2012</u>	<u>FY 2013</u>	To Comp	<u>Total</u>
End Item Qty					2	6	8	12	24	42	48	TBD	142
													
CFE				117.447	93.657	123.539	136.904	231.764	358.194	365.977	468.838	TBD	1896.320
GFE					,		,			,			0.000
EOQ				,	,	,	,	<u> </u>	[,	[0.000
Design				,		,		1				1	0.000
Term Liability								1				ĺ	0.000
				,	,	,	,	ı		,			0.000
TOTAL AP	1		0.000	117.447	93.657	123.539	136.904	231.764	358.194	365.977	468.838	0.000	1896.320
Description													
													
CFE represents required funding	g for Contra	actor Furnishe	d Equipment	(CFE) for bo	oth Air Vehi⊄	cle and Engir	nes to includ	e terminatio	ก liability.				

P-1 Shopping List Item No. 2

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

					U	NCLAS	SILIED	'							
Exhibit P-10 p.2, Ad (Page 2 - Budget Ju		ent Requi	rements Ar	nalysis								Date: Febi	ruary 20	07	
Appropriation (Treasury)	Code/CC/BA/BSA/Ite	em Control N	umber							P-1 Line It	em Nomeno	lature			
Aircraft Procure	ment, Air Fore	ce, Budg	get Activi	ity 01,	Combat	Aircraft	t, Item	No. 2		F-35 A	dvance	Procure	ement		
Weapon System															
JSF_AP															
					<u>(T</u>	OA, \$ in I	Millions)								
				2006	2006 Contract Forecast	2006 Total Cost	2007	2007 Contract Forecast	2007 Total Cost	2008	2008 Contract Forecast	2008 Total Cost	2009	2009 Contract Forecast	2009 Total Cost
Description	PLT	QPA	Unit Cost		<u>Date</u>	Request	QTY	Date	Request	QTY	Date		QTY		Request
End Item	121	QIII	<u>Cint Cost</u>	VII	<u> </u>	request	<u>V11</u>	Bute	request	VII	Bute	Request	VII	Bute	request
	l	ı	I	1	1	ı		I	1	1	ı	1			
CFE					Mar-06	117.447		2 Mar-07	93.657	′	Mar-08	123.539			
GFE															
F00	T	1		1		1		1	1	1	1	1	1		_
EOQ															<u> </u>
Design							-								
Term Liability						117 447			02.657	,		122.520			0.000
TOTAL AP						117.447			93.657			123.539			0.000
<u>Description</u>															
			_							_		_			
1															

P-1 Shopping List Item No. 2

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

Exhibit P-40, Budget Item Jus	tification								Dat	e: February	2007	
Appropriation (Treasury) Code/CC/BA	VBSA/Item Co	ontrol Number						P-1 Line Iter	m Nomenclatu	ire		
Aircraft Procurement, Ai	ir Force,	Budget Act	ivity 01, (Combat A	ircraft, It	em No. 3		F-22 (Ra	aptor)			
Program Element for Code B Items	S:	27219F			Other Relate	ed Program E	lements:	•	PE 27138F,	64239F		
	ID Code	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Comp	Total
Proc Qty	A	92	23	20	20	20					0	175
Cost (\$ M)		16017.970	3249.080	45.946	46.858			0.000	28886.052			
Production Modernization (\$ M)		(61.749)	(1.089)	0.000	0.000	0.000	0.000	0.000			0.000	(62.838
Advance Proc Cost (\$ M)		3329.806	429.139	684.899	426.666						0.000	4870.510
Weapon System Cost (\$ M)		19347.776	3678.219	3385.423	3579.379	3672.961	45.946	46.858	0.000	0.000	0.000	33756.562
Initial Spares (\$ M)		22.884	0.000	0.000	0.000	0.000	0.000	0.000			0.000	22.884
Total Proc Cost (\$ M)		19370.660	3678.219	3672.961	45.946	46.858	0.000	0.000	0.000	33779.446		
Flyaway Unit Cost (\$ M)		168.148	135.322	137.695	148.330	165.038	0.000	0.000			0.000	157.733
Wpn Sys Unit Cost (\$ M)		210.302	159.923	169.271	178.969	183.648	0.000	0.000			0.000	192.888

Description

The F-22A 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-22A 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 for Lots 7-9 with an unfunded cancellation ceiling. The cancellation ceiling amounts are \$201.2M (FY07), \$100.6M (FY08), and \$50.3M (FY09). In the event the multiyear contract is cancelled, Air Staff will submit the required reprogramming actions for Congressional approval to ensure the actual cancellation cost is fully funded.

Current Fiscal Year 2008 PB supports a 183 aircraft procurement profile. (Note: 183 total includes 6 Production Representative Test Vehicle (PRTV) II aircraft, 175 production aircraft, and 2 previously procured EMD aircraft funded in RDT&E. Through MYP cost savings initiatives and contract negotiations the AF intends to procure the full 183 aircraft quantity.

Procurement funding is budgeted in FY10 and FY11 to complete the procurement of standup equipment for future operational locations (i.e. support equipment, support as a capability, etc.).

The flyaway cost listed above is the flyaway cost associated with the aircraft procurement appropriation (3010 BP10) and inline modernization funding (BP10). The flyaway cost does not include costs associated with Other Useful Loads or Munitions.

Production Modernization funding is included in the Cost Line in FY06 and prior. This funding is broken out separately on the P-5, Weapons System Cost Analysis (next page). These funds are not counted against the F-22A Production Cap. F-22A Production Modernization provided for capability upgrades and associated support efforts are not included in the baseline production program for Lot 6 and prior.

The SPO has requested a \$72M ATR within the Air Force Aircraft Procurement appropriation to fully fund Lot 7, the first of three 20 aircraft lots under the F-22 multi-year procurement.

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 2007
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number	P-1 Line Item Nomenclature
Aircraft Procurement, Air Force, Budget Activity 01, Combat Aircraft, Item No. 3	F-22 (Raptor)

Description Continued

Initial spares are included in the weapon system cost line (except FY99). Prior to FY08, the F-22A program budgeted and contracted for initial spares as part of overall initial support material capability within the Performance-Based Agile Logistics Support (PALS) program. The program continues to procure support material under PALS in FY08 and FY09; however, the program will also procure specific initial spares in FY08 and FY09 to achieve additional savings as part of the MYP program.

FY 2008 Program Justification

The FY08 budget supports the procurement of Lot 8 (second lot of the MYP contract) aircraft and Advance Procurement (AP) to fund procurement of long-lead parts and materials necessary to protect the delivery schedule of Lot 9.

FY 2009 Program Justification

The FY09 budget supports the procurement of Lot 9 aircraft,	which is the last lot in the program of record.	This is also the third and final lot of the MYP contract.

P-1 Shopping List Item No. 3

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

Exhibit P-5, Weapon System Cost Analys	sis									Date: Feb	ruary 200	7	
Appropriation (Treasury) Code/CC/BA/BSA/Item Co	ntrol Number							P-1 Line	Item Nomer	nclature			
Aircraft Procurement, Air Force,	Budget A	ctivity (01, Com	bat Airc	raft, Ite	m No. 3		F-22 (Raptor)				
Manufacturer's Name/Plant City/State Location				Subline Ite	m								
Weapon System	Ident						Cost in Mi	llions of D					
Cost Elements	Code		FY 2006			FY 2007			FY 2008			FY 2009	
				Total			Total			Total			Total
		Qty	Unit Cost	Cost	Qty	Unit Cost	Cost	Qty	Unit Cost	Cost	Qty	Unit Cost	Cost
Airframes/CFE	A	23	83.181	1913.152	20			20	91.045	1820.905	20	100.952	2019.043
Engine Accessories (shipset)	A	23	18.661	429.200	20	20.259	405.172	20	23.203	464.054	20	26.684	533.689
Avionics	A	23	27.727	637.717	20	28.247	564.947	20	30.348	606.968	20	33.651	673.014
Nonrecurring Costs				132.326			88.936			74.663			75.011
FLYAWAY COST SUBTOTAL				3112.395			2753.896			2966.590			3300.757
Less: Prior Year Adv Procurement				-473.858			-509.539			-468.299			-562.866
Plus: Current Year Adv Procurement	A			429.139			684.899			426.666			
Other	A			76.551			73.087			78.183			279.112
Production Support - Other (PSO)	A			165.749			175.499			194.269			132.047
Performance-based Agile Logistics Support (PALS)	A			178.154			183.974			223.078			232.193
SUBTOTAL Air Vehicle Support				375.735			607.920			453.897			80.486
Engine Support	A			189.000			23.607			158.892			291.718
Modernization BP10	A			1.089									
SUPPORT COST SUBTOTAL				190.089			23.607			158.892			291.718
TOTAL PROGRAM				3678.219			3385.423			3579.379			3672.961
Comments			1	l l		1	ı l			I.			

Comments

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

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

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	tem Nomenclati	ure		
Aircraft Procurement, Air	r Ford	e, Budge	t Activity	01, Comb	oat Aircra	ft, Item No	o. 3 F-22 (I	Raptor)			
Weapon System					Subline Iter	n	•				
F-22											
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?
Lockheed Martin Corp	2	256.668	ASC/YF	Jan-98	SS	FFP	Lockheed Martin	Dec-98	Oct-02	Yes	
Lockheed Martin Corp	10	166.196	ASC/YF	May-99	SS	FFP	Lockheed Martin	Sep-01	Sep-03	Yes	
Lockheed Martin Corp	13	149.294	ASC/YF	Apr-00	SS	FFP	Lockheed Martin	Jan-02	Jul-04	Yes	
Lockheed Martin Corp	21	130.576	ASC/YF	Oct-01	SS	FFP	Lockheed Martin	Apr-03	May-05	Yes	
Lockheed Martin Corp	22	121.407	ASC/YF	Jul-02	SS	FFP	Lockheed Martin	Jun-04	Jan-06	Yes	
Lockheed Martin Corp	24	109.526	ASC/YF	Jul-03	SS	FFP	Lockheed Martin	Nov-05	Dec-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	112.989	ASC/YF	May-06	SS	FFP	Lockheed Martin	Aug-07	Dec-08	Yes	
Lockheed Martin Corp	20	121.394	ASC/YF	May-07	SS	FFP	Lockheed Martin	Aug-07	Dec-09	Yes	
Lockheed Martin Corp	20	134.603	ASC/YF	May-08	SS	FFP	Lockheed Martin	Aug-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	Mar-04	Yes	
Pratt & Whitney	44	10.391	ASC/YF	Aug-02	SS	FFP	Pratt & Whitney	Jun-04	Jan-06	Yes	
Pratt & Whitney	48	9.823	ASC/YF	Aug-03	SS	FFP	Pratt & Whitney	Apr-05	Nov-07	Yes	
Pratt & Whitney	46	9.330	ASC/YF	Oct-05	SS	FFP	Pratt & Whitney	Apr-06	Mar-07	Yes	
Pratt & Whitney	40	10.129	ASC/YF	Oct-06	SS	FFP	Pratt & Whitney	Aug-07	Jan-08	Yes	
Pratt & Whitney	40	11.601	ASC/YF	Oct-07	SS	FFP	Pratt & Whitney	Aug-07	Feb-09	Yes	
Pratt & Whitney	40	13.342	ASC/YF	Oct-08	SS	FFP	Pratt & Whitney	Aug-07	Feb-10	Yes	

Remarks

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

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

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.

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Procurement History and Planning Exhibit P-5A, page 4 of 9

Date: February 2007

Exhibit	P-21, Production	n Sched	lule																			D	ate: I	-ebru	uary 2	2007				
Appropria	tion (Treasury) Code	e/CC/BA/E	BSA/Item C	Control No	ımber													Р	-1 Lin	e Item	n Nom	encla	ature							
Aircraf	ft Procureme	nt, Air	Force,	, Budg	et Act	ivity	01 ,	Co	mba	at A	ircr	aft,	lten	ı No	o. 3			F	-22	(Ra	pto	r)								
		S		ACCEP.	BALANCE					FIS	CAL Y	EAR 2										FIS	SCAL Y							L
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		R V	QTY	1 OCT 2002	1 OCT 2002	C T	O V	E C	A N	E B	A R	P R	A Y	U N	U L	U G	E P	C T	O V	E C	A N	E B	A R	P R	A Y	U N	U L	U G	E P	E R
1999		USAF	2	0	2	1	1																							0
2000		USAF	0	0	(0
2001	2002 USAF 13 0 13														1	2		2		2	1	1		<u> </u>		0				
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	2003 USAF 21 0 21																										22			
				0																								—		24
2006 2007		USAF USAF	23	0	23		-		<u> </u>																					23
2007		USAF	20		20		1	1	1																					20
2009		USAF	20		20		1																					 		20
TOTAL		05.11	175				1										1		1	2		2		2	1	1	1	1		161
						0	N	D	J	F	М	Α	М	J	J	Α	S	0	N	D	J	F	М	Α	М	J	J	Α	S	
						C	0	E	A	E B	A R	P R	A	U	U	U G	E	C	0	E	A N	E B	A R	P R	A	U	U	U	E	
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					SUST	HOU		Α							LEAD						_									
ITEM/MANU	JFACTURER'S NAME		LOCATION	l		DAYS		Х											MFG			TOTAL AFTER								
Lockheed Ma	rtin		Marietta, GA	A 30063 -				36						PR 1 C	-	AFT 1 C			TIME			1 OCT								
						1		-	INITIA											52										
			-		-	1		-	REOF											35				-						
REMARKS			I		I			<u> </u>	INLOI	CDLIN										33										

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

P-1 Shopping List Item No. 3

Production Schedule Exhibit P-21, page 5 of 9

Exhibit P-21, Production	n Sched	lule																			D	ate: I	=ebru	uary :	2007				
Appropriation (Treasury) Code	e/CC/BA/E	BSA/Item C	Control Nu	ımber													Р	-1 Lin	e Iten	n Nom	nencla	ture							
Aircraft Procureme	nt, Air	Force,	, Budg	et Acti	vity	[,] 01,	Co	mba	at A	ircr	aft,	lten	n No	o. 3			F	-22	(Ra	pto	r)								
PROCUREMENT YEAR	S E	PROC.	ACCEP. PRIOR TO	BALANCE DUE AS OF	0	2004 N	l D	Ī	FIS	CAL Y	EAR 2		ENDAF	R YEAR	2005 A	S	0	N	D	Ī	FIS	CAL Y			EAR 200)6 I		S	L A T
	R V 1 OCT 1 OCT C O E A E A P A U U U E													E P	C T	O V	E C	A N	E B	A R	P R	A Y	U N	U L	U G	E P	E R		
	001 USAF 10 10 0																						├		<u> </u>			0	
2002	01 USAF 10 10 0 </td <td>2</td> <td>3</td> <td>3</td> <td>1</td> <td>1</td> <td></td> <td></td> <td> </td> <td></td> <td> </td> <td>\vdash</td> <td></td> <td>0</td>															2	3	3	1	1			 		 	\vdash		0	
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TOTAL	004 USAF 22 0 22														5	2	3	3	1	3	2	2	2	5	2	2	0	5	
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				PRODUCT	ION R	ATES							PRC	CURE	MENT	LEAD :	TIME												
ITEM/MANUFACTURER'S NAME		LOCATION	1	MIN SUST	SHIFT HOUF DAYS	RS	M A X								MIN TIME			MFG			TOTAL								
Lockheed Martin	M/MANUFACTURER'S NAME LOCATION DAYS X													TIME			AFTER 1 OCT												
								INITIA											52 35										
REMARKS		1		1	1		1	INLOI	DLI						1		I		33				l						

Initial MFG number of months to procure first production aircraft. Reorder lead time is the average time to produce the following aircraft

PRTVI and PRTV II dates based on actual dates aircraft DD250 including DD250 prior to mod.

Lot 1 DD250 dates based on DD250 prior to mod.

Lot 2 DD250 dates based on actual dates aircraft DD250.

Lot 3 DD250 dates based on actual dates aircraft DD250.

Lot 4 DD250 dates based on actual dates aircraft DD250.

Lot 5 DD250 dates are based on actual dates aircraft DD250 and contract.

Lot 6 DD250 dates based on contract.

Lot 7-9 Notional 20-20-20 procurement strategy

P-1 Shopping List Item No. 3

Production Schedule Exhibit P-21, page 6 of 9

Exhibit P-21, Production	n Sched	ule																			Di	ate: I	Febru	uary	2007	•			
Appropriation (Treasury) Code	e/CC/BA/E	SSA/Item C	Control Nu	ımber													P	-1 Lin	e Item	n Nom	nencla	ature							
Aircraft Procureme	nt, Air	Force,	Budg	et Acti	vity	0 1,	Co	mba	t Ai	ircra	aft,	lten	ı No	o. 3			F	-22	(Ra	pto	r)								
	S	ppog	ACCEP. PRIOR	BALANCE DUE		2006			FIS	CAL Y	EAR 2		ENDAR	R YEAR	R 2007						FIS		EAR 2		EAR 20	08			L A
PROCUREMENT YEAR	R V	PROC. QTY	TO 1 OCT 2006	AS OF 1 OCT 2006	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
2003	USAF 21 21 0																												0
2004	USAF 22 17 5 4 1 USAF 24 0 24 1 2 1 2 2 2 2 2 2 2 2 2 2																											0	
2005	USAF 24 0 24 1 2 1 2 2 2 2 2 2 2 2 USAF 23 0 23 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2															2	2	2				_			-	_	_	 _	0
TOTAL															2	2	2	1	2	2	2	2	2	3	2	2	2	3	
				•	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	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 J	A U G	S E P	
				PRODUCT	ION R	ATES							PRO	CURE	MENT I	EAD 7	ТІМЕ												
ITEM/MANUFACTURER'S NAME		LOCATION		MIN SUST	SHIF HOUI DAYS	RS	M A X								MIN TIME			MFG			TOTAL								
Lockheed Martin	UFACTURER'S NAME LOCATION DAYS X														AFT 1 O			TIME			AFTER 1 OCT								
	INITIAL REORDER																52 35												
REMARKS		•																											

P-1 Shopping List Item No. 3

Production Schedule Exhibit P-21, page 7 of 9

Exhibit P-21, Production Schedule	!																		D	ate: I	Febr	uary	2007	7			
Appropriation (Treasury) Code/CC/BA/BSA/	Item Control	Number													Р	-1 Lin	e Iten	n Nom	nencla	ature							
Aircraft Procurement, Air Fo	orce, Bud	get Acti	vity	01,	Cor	mba	t Aiı	rcra	aft,	lten	n No). 3			F	-22	(Ra	pto	r)								
S	ACCEI PRIOF			2008			FISC	AL YI	EAR 20		ENDAR	YEAR	R 2009						FIS		'EAR 2 ALENI		EAR 20	010			L A
	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
2005 USAF	24	24 0																									0
2006 USAF	2006 USAF 23 20 3 2 1 2 2 2 2 2 2 2 2 2 2 2 2 1 2 2 2 2 1 2 2 2 2 1 2 2 2 2 1 2 2 2 2 1 2 2 2 2 1 2 2 2 2 1 2 2 2 2 1 2 2 2 2 1 2 2 2 2 1 2 2 2 2 1 2 2 2 2 1 2 2 2 2 1 2 2 2 2 1 2 2 2 2 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2																										0
	2007 USAF 20 0 20 1 2 2 2 2 1 2 2 1 2														1	2									↓		0
	2007 USAF 20 0 20 1 2 2 2 1 2 2 1 2 2 1 2 2 2 0 0 20 8 USAF 20 0 20 8 8 USAF 20 0 20 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8																1	2	1	2	2	1	2	2	1	. 2	. 4
Z009 USAF	107			- 1	-,		- 2	2	2	,		2		2	1	2	- 1	2		2	2	1	_	-	. — ,	-	20
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		PRODUCT	ION RA	TES							PRO	CURE	MENT	LEAD :	TIME									1		1	
ITEM/MANUFACTURER'S NAME LOC	CATION	MIN SUST	SHIFT HOUR DAYS		M A X								MIN TIME			MFG			TOTAL								
IMMANUFACTURER'S NAME LOCATION DAYS X Isheed Martin Marietta, GA 30063 - 0000 36 PRIOR AFTER 1 OCT 1 OCT														TIME			AFTER 1 OCT										
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REMARKS	•																										

P-1 Shopping List Item No. 3

Production Schedule Exhibit P-21, page 8 of 9

Exhibit P-21, Production	n Sched	ule																			D	ate: I	-ebr	uary	2007	7			
Appropriation (Treasury) Code	e/CC/BA/B	SA/Item C	Control Nu	ımber													P-	-1 Lin	e Item	n Non	nencla	ature							
Aircraft Procureme	nt, Air	Force,	Budg	et Acti	ivity	, 01,	Co	mba	at A	ircr	aft,	lten	n No). 3			F	-22	(Ra	pto	r)								
	c		ACCEP.	BALANCE					FIS	CAL Y	EAR 20	011									FIS	SCAL Y	EAR 2	012					L
	S	PROC.	PRIOR	DUE		2010						CALE	ENDAR	YEAR	2011							C.	ALENI	OAR YI	EAR 20	12			Α
PROCUREMENT YEAR	CUREMENT YEAR R V OTY TO AS OF O O N D J F M A M J J A S O N D O E A E A E A P A U U U U E O D O E O D O D O D O D O D O D O D O														S E	O C	N O	D E	J A N	F E	M A	A P	M A	J U	J U	A U	S E	T E	
2008	USAF 20 16 4 2 1 1 USAF 20 0 20 2 2 1 2 2 1 2 2 1														1	V	C	IN	В	K	R	ĭ	N	L	G	P	K		
2009	USAF 20 16 4 2 1 1 USAF 20 0 20 2 2 1 2 2 1 2 2 1															2	1	2							+			0	
TOTAL	USAF 20 0 20 2 2 1 2 2 1 2 2 1 2 2 1 40 16 24 2 1 1 2 2 1 2 2 1														2	1	2										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	JUN	J U	A U G	S E P	O C T	V O Z	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	ION R	ATES							PRO	CURE	MENT	LEAD 1	TIME	1									1		
ITEM/MANUFACTURER'S NAME		LOCATION			SHIF HOU DAYS	RS	M A X								MIN TIME			MFG			TOTAL AFTER								
Lockheed Martin	UFACTURER'S NAME LOCATION DAYS X														TIME			1 OCT											
								INITIA REOF											52 35				1						
REMARKS		•		•	•		•						•		•	<u> </u>	•		<u> </u>				•						

P-1 Shopping List Item No. 3

Production Schedule Exhibit P-21, page 9 of 9

Exhibit P-40, Budget Item Just	tification								Date	e: February	2007			
Appropriation (Treasury) Code/CC/BA	/BSA/Item Co	ntrol Number						P-1 Line Iter	n Nomenclatu	re				
Aircraft Procurement, Ai	r Force,	Budget Act	ivity 01, 0	Combat A	Aircraft, It	em No. 4		F-22 (Ra	ptor) Adv	vance Pr	ocureme	nt		
Program Element for Code B Items	:	N/A			Other Relate	ed Program E	lements:							
	ID Code	Prior Years	FY 2010	FY 2011	FY 2012	FY 2013	To Comp	Total						
Proc Qty A A														
Advance Proc Cost (\$ M)		3329.806	429.139	684.899	426.666							4870.510		
Weapon System Cost (\$ M)		3329.806	429.139	684.899	426.666	0.000	0.000	0.000	0.000	0.000	0.000	4870.510		
Initial Spares (\$ M)		0.000										0.000		
Total Proc Cost (\$ M)		3329.806	429.139	684.899	426.666	0.000	0.000	0.000	0.000	0.000	0.000	4870.510		
Flyaway Unit Cost (\$ M)														
Wpn Sys Unit Cost (\$ M)														

Description

The F-22A 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-22A 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.

FY 2008 Program Justification

The FY08 Advance Procurement budget funds the procurement of long-lead parts and material necessary to protect the delivery schedule of Lot 9 aircraft.

FY 2009 Program Justification

P-1 Shopping List Item No. 4

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

					UNCL	ASSIFIED	כ						
Exhibit P-10 p.1, Advance (Page 1 - Funding)	⊋ Procureme	ent Requirer	ments Analy	ysis						Date:	February 20	007	
Appropriation (Treasury) Code/C	CC/BA/BSA/Ite	m Control Nun	nber					F	P-1 Line Item N	Vomenclature		•	
Aircraft Procurement	t, Air Ford	ce, Budge	t Activity	01, Com	ıbat Airc	raft, Item	No. 4	F	22 (Rap	tor) Adva	ance Pro	curement	t '
Weapon System						First System	Award Date			First System	Completion D	Jate	
F-22AP						1	Jun	-98			Oct	i-02	
			T T			Millions)			T =====			· T	/
<u>Description</u>	<u>PLT</u>	When Rqd			<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>	FY 2010	FY 2011	<u>FY 2012</u>	<u>FY 2013</u>	To Comp	<u>Total</u>
End Item Qty	Π	Τ	92	23	20	20	20	0	0	·'	<u></u>	0	175
CFE	<u> </u>	T	3189.093	429.139	384.899	426.666	0.000	0.000	0.000			0.000	4429.797
GFE													0.000
EOQ					300.000				T				300.000
Design	+		140.713			 			 				140.713
Term Liability	<u> </u>				i		['	ĺ	<u> </u>	l'			0.000
		T				, 	i	<u> </u>	'	, 	i	1 L	0.000
TOTAL AP			3329.806	429.139	684.899	426.666	0.000	0.000	0.000	0.000	0.000	0.000	4870.510
<u>Description</u>													
CFE represents required fundi Economic Order Quantity (EC			• •			-		and 9					
Leononne Order Quantity (Le)Q) procurem	CIII III I I O / S	upports the in	antiyear proc	curcincin or	00 1-22As II	1 Lots 7, 6, a	nu 9.					

Design line represents funding for Diminishing Manufacturing Sources (DMS). Starting in FY02, DMS funding moved out of advance procurement 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

						1102/10	911 ILD								
Exhibit P-10 p.2, Ad		ent Requi	rements Ar	nalysis								Date: Febr	uary 200)7	
(Page 2 - Budget Jus	<u> </u>														
Appropriation (Treasury)	Code/CC/BA/BSA/Ite	m Control N	lumber							P-1 Line Ite	m Nomenc	lature			
Aircraft Procure	ment, Air Ford	ce, Budg	get Activi	ity 01, C	ombat	Aircraft	, Item 1	No. 4		F-22 (R	aptor) A	Advance	Procu	urement	
Weapon System															
F-22AP															
					<u>(T</u>	OA, \$ in N	Millions)								
					<u>2006</u>	<u>2006</u>		<u>2007</u>	<u>2007</u>		2008	2008		2009	2009
					Contract	<u>Total</u>		Contract	<u>Total</u>		Contract	<u>Total</u>		Contract	<u>Total</u>
				2006	Forecast	Cost	2007	Forecast	Cost	2008	Forecast	Cost	2009	Forecast	Cost
<u>Description</u>	<u>PLT</u>	<u>QPA</u>	Unit Cost	QTY	<u>Date</u>	Request	QTY	<u>Date</u>	Request	QTY	<u>Date</u>	Request	QTY	<u>Date</u>	Request
End Item															
					-		-				•				
CFE				23	Dec-05	409.539	20	Dec-06	348.699	20	Dec-07	426.666			
Lot 8 Titanium					Aug-06	19.600									
Lot 9 Titanium								Dec-06	36.200						
	<u>.</u>	•		•		•	•	•		•	•	•	•	-	•
EOQ								Jan-07	300.000						
Design															
TOTAL AP						429.139			684.899			426.666			0.000
			1	1		1				•		•			
<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

Exhibit P-40, Budget Item Jus	tification								Date	e: February	2007	
Appropriation (Treasury) Code/CC/BA	VBSA/Item Co	ontrol Number						P-1 Line Iter	m Nomenclatu	re		
Aircraft Procurement, Ai	ir Force,	Budget Act	tivity 01, (Combat A	Aircraft, It	em No. 5		F-15E				
Program Element for Code B Items	s:	Not Applicable	le		Other Relate	ed Program E	lements:		None			
	ID Code	Prior Years	FY 2010	FY 2011	FY 2012	FY 2013	To Comp	Total				
Proc Qty	A	1,110					0	1,110				
Cost (\$ M)		26954.510	0.036								0.000	26954.546
Advance Proc Cost (\$ M)		0.000									0.000	0.000
Weapon System Cost (\$ M)		26954.510	0.036	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	26954.546
Initial Spares (\$ M)		0.000	0.000	0.000							0.000	0.000
Total Proc Cost (\$ M)		26954.510	0.036	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	26954.546
Flyaway Unit Cost (\$ M)												
Wpn Sys Unit Cost (\$ M)												

Description

The program is an FY05/06 Congressional add for procurement of one attrition-reserve F-15E.

The F-15E Strike Eagle is a highly-capable multi-role fighter. It retains the basic air-to-air capability of the F-15A-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.

The procurement has been cancelled and the funds, less \$36,000 in FY06, rescinded by Congress.

FY 2008 Program Justification

FY 2009 Program Justification

P-1 Shopping List Item No. 5

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

Exhibit P-5, Weapon System Cost Analysis	s							$\overline{}$		Date: Fe	bruary 20	07	
Appropriation (Treasury) Code/CC/BA/BSA/Item Cont	trol Number								e Item Nomen				
Aircraft Procurement, Air Force, B	udget A	ctivity	01, Com	bat Aircr	raft, Ite	em No. 5		F-15I	<u>E</u>				
Manufacturer's Name/Plant City/State Location				Subline Iter	m								
Boeing/St. Louis/MO													
Weapon System	Ident					Total	Cost in M	illions of I	Oollars				
Cost Elements	Code		FY 2006			FY 2007			FY 2008		T	FY 2009	
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
Avionics	A	Qiy	Unit Cost	Cost	Qıy	Omt Cost	Cost	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Omit Cost	Cost	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Unit Cost	Cost
Airframe/CFE	A	†	+	+					+		†	+	
Engine/Accessories	A	 	+	+		+		-	+		 	+	
Parts Obsolescence	A	+	+			+ +			+	<u> </u>	†	+ +	
Armament	A	†	+	+				1	+	 	†	+ +	
Software	A	†	†					†	+	 	†	+ +	
Other Government Furnished Equipment (GFE)	A		†						1		<u> </u>	+ +	
Engineering Change Orders (ECO)	A							1	1		†	1	
Nonrecurring Costs	A								1				
Other Costs	A								1			1	
FLYAWAY COST SUBTOTAL	A		†						†			†	
Advance Buy	A	0	J	0.036									
Gross P-1 Cost	A												
Less Prior Yr Adv. Proc	A	1	1		•					 I		1	
Support Equipment	A	1	1						1				
Total Cost	A												
TOTAL PROGRAM				0.036									
Comments								•					
The program is an FY05/06 Congressional add for	r advance r	rocuremer	at of one att	rition-reserv	e F-15E.	The procure	ment has t	een cance	lled and the f	unds, less	\$36,000 ir	ı FY06,	
rescinded by Congress.													
	-	-	-								-		

P-1 Shopping List Item No. 5

Weapon System Cost Analysis Exhibit P-5, page 2 of 3

					UNCLA	SSIFIED							
Exhibit P-5A, Procurement History and Planning								Date: February 2007					
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number								P-1 Line Item Nomenclature					
Aircraft Procurement, Air Force, Budget Activity 01, Comb						oat Aircraft, Item No. 5			F-15E				
Weapon System F-15E						Subline Item							
F-15E													
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?	
Advance Procurement	0	120,000	ASC/VF		С	FFP	Boeing				Yes		
		120.000	ASC/VI		lc	111	Doeing				103		
Remarks													
Congress has agreed to cancel the pro-	ocuren	ent of one F-	15E, and has r	escinded the	funds. \$36,0	000 remain in t	he account.						

P-1 Shopping List Item No. 5

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

FY 2008/2009 BUDGET ESTIMATES BUDGET ACTIVITY 02 – AIRLIFT AIRCRAFT FEBRUARY 2007

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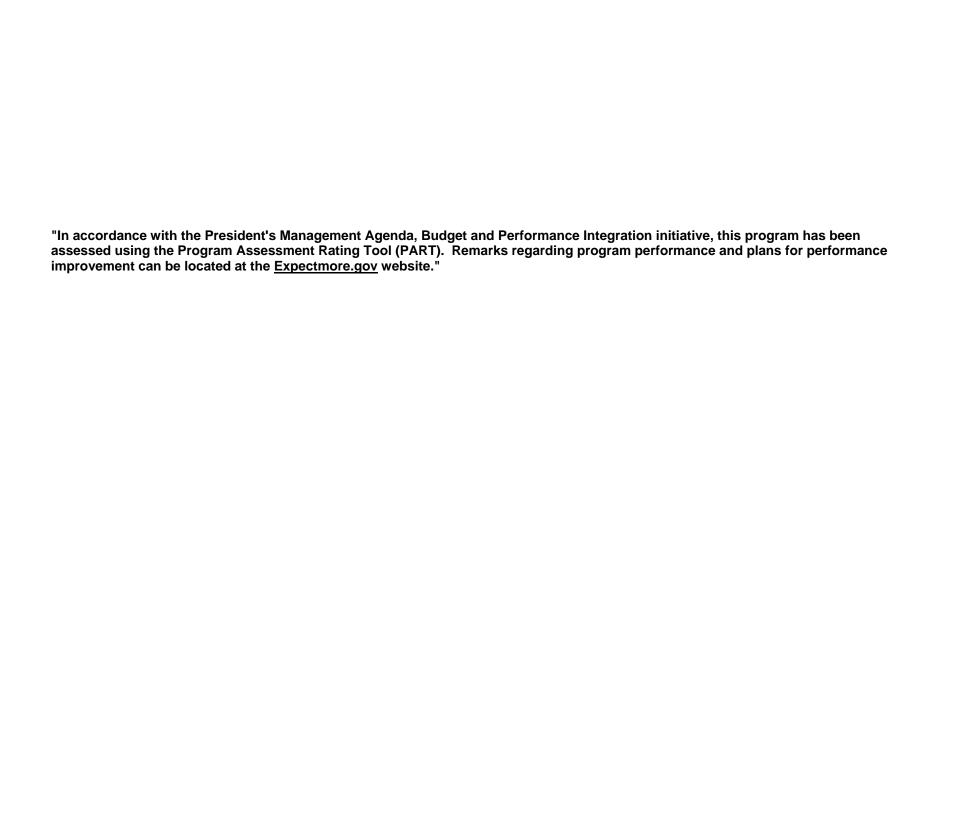


Exhibit P-40, Budget Item Just	tification								Dat	e: February	2007			
Appropriation (Treasury) Code/CC/BA	/BSA/Item Co	ontrol Number						P-1 Line Ite	m Nomenclatu	re				
Aircraft Procurement, Ai	r Force,	Budget Act	tivity 02, /	Airlift Aire	craft, Iten	n No. 6		C-17A (MYP)					
Program Element for Code B Items	:	N/A		N/A										
ID Code Prior Years FY 2006 FY 2007 FY 2008 FY 2009 FY 2010 FY 2011 FY 2012 FY 2013 To Comp Total														
Proc Qty	A	153	15	22							0	190		
Cost (\$ M)		33820.464	2791.780	4347.201	260.601	569.079	238.295	214.881	216.892	197.068	TBD	TBD		
Interim Ctr Support (\$ M)		3955.699									TBD	TBD		
Advance Proc Cost (\$ M)		4728.162	657.269								0.000	5385.431		
Weapon System Cost (\$ M)		42504.325	3449.049	4347.201	260.601	569.079	238.295	214.881	216.892	197.068	TBD	TBD		
Initial Spares (\$ M)		803.880	0.000	0.000	0.000	0.000					0.000	803.880		
Total Proc Cost (\$ M)		43308.205	3449.049	4347.201	260.601	569.079	238.295	214.881	216.892	197.068	TBD	TBD		
Flyaway Unit Cost (\$ M)		231.004	199.583	258.396	0.000	0.000								
Wpn Sys Unit Cost (\$ M)		277.806	229.937	219.683	0.000	0.000								

Description

FY07 is the last year of a five-year multi-year procurement (MYP) of 60 C-17s. The FY06 Air Force request included \$227.5M for long-lead procurement for ten additional FY07 C-17s pending completion of the Mobility Capability Study (MCS) and Quadrennial Defense Review (QDR) in late 2005. MCS/QDR results stated 180 C-17s (along with 112 modernized C-5s) are sufficent to meet DoD warfighting requirements with acceptable risk. Subsequent FY07 congressional marks support continued procurement of C-17s beyond 180 and added 10 aircraft for a total of 190. The Air Force is awaiting final disposition on shutdown or follow-on buys for FY08 and beyond. FY06 Emergency Supplemental appropriation included \$227.5M of advanced procurement for C-17 aircraft to be built in FY08. The requested FY06 advanced procurement and the Emergency Supplemental were applied to the procurement of the 10 additional aircraft.

The FY07-09 USAF delivery schedule has been adjusted to account for delivery of four Australian Foreign Military Sale (FMS) aircraft and one UK Direct Commercial Sale (DCS) aircraft, along with ten additional C-17s scheduled to deliver in FY08/09.

FY 2008 Program Justification

FY08 budget funds production line shutdown and residual support equipment, training, and data requirements.

FY 2009 Program Justification

FY09 budget funds production line shutdown and residual support equipment, training, and data requirements.

P-1 Shopping List Item No. 6

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

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Exhibit P-5, Weapon System Cost Analysis	<u> </u>				ASSIFIE					Date: Feb	ruary 200)7	
Appropriation (Treasury) Code/CC/BA/BSA/Item Cont								P-1 Line	e Item Nomen		, ,		
Aircraft Procurement, Air Force, B		ctivity ()2 Airlif	t Aircraf	t Item I	No 6			A (MYP)	olataro			
	aagot 7	ouvily (, , , , , , , , , , , , , , , , , , ,	Subline Ite		10. 0		J 177	(11111)				
Manufacturer's Name/Plant City/State Location				Subline Ite	III								
Boeing Airlift and Tankers / Long Beach, CA	T.1 .	1					G	1' 675	. 11				
Weapon System	Ident		EX. 2006	-			Cost in Mil	lions of L				EX. 2000	
Cost Elements	Code		FY 2006	- ·		FY 2007	m 1		FY 2008			FY 2009	
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
1.0 Airframe	A	15	167.135	2507.023	22	181.980	4003.556				0		
2.0 Engine (4) (Model F-117-PW-100)	A	60	6.519	391.166	72	7.726	556.241				0		
3.0 Avionics	A	15	5.659	84.890	22	5.934	130.559				0		
4.0 Engineering Change Orders (ECO)	A												
5.0 Producibility Enhancement	A	15	1.083	16.247	22	0.379	8.342			16.337	0		18.566
6.0 Nonrecurring Flyaway	A												
7.0 Settlement	A									37.342			217.650
7.1 Prior Year Adv Procurement (unit cost													
non add)													
8.0 Flyaway Cost Subtotal (1 thru 7)				2999.326			4698.698			53.679			236.216
9.0 Peculiar Support Equipment	A			9.907			40.900			28.900			31.900
10.0 Common Support Equipment	A			18.000			17.550			16.280			1.640
11.0 Training	A			42.851			71.085			46.584			51.454
12.0 Data	A			5.090			4.918			4.771			29.726
13.0 Field Support	A												
14.0 Site Activation/Spares (XX10)	A			137.769			333.921			104.438			105.636
15.0 Whole Engine Spares				29.605			30.988						107.665
16.0 Mission Support	A			18.901			19.276			5.949			4.842
17.0 Support Cost Subtotal (9 thru 16)				262.123			518.638			206.922			332.863
18.0 Gross P-1 Cost (8 + 17)				3261.449			5217.336			260.601			569.079
19.1 LESS: Prior Year Adv Procurement	A			-386.753			-639.435						
19.2 LESS: EOQ Payback	A			-82.916			-230.700						
19.3 Prior Year Adv Procurement (unit cost	A			0.000									
non add)				0.000									
20.0 Net P-1 Cost (18 + 19)				2791.780			4347.201			260.601			569.079
21.1 Advance Procurement, Current Year	A			657.269									
21.2 EOQ, Current Year	A												
Other P-1 Weapon System Costs	A			0.000			0.000			0.000			0.000
22.1 ICS (BP10 1050; FY00 thru To Complete)	A			0.000			0.000						
TOTAL PROGRAM				3449.049			4347.201			260.601			569.079
Comments													

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

0.1001.1001.110	
xhibit P-5, Weapon System Cost Analysis	Date: February 2007
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number	P-1 Line Item Nomenclature
Aircraft Procurement, Air Force, Budget Activity 02, Airlift Aircraft, Item No. 6	C-17A (MYP)
Although 12 aircraft are being procured in FY07 on the last year of the multi-year procurement, 32 engines support installation or	
ircraft added to the USAF inventory due to a reset from FY04 when the USAF funded 11 aircraft that year but received delivery	
re being procured in accordance with Title IX of the FY07 Defense Appropriations Act. The FY07 Site Activation/Spares includes the control of the FY07 Defense Appropriations Act.	des \$167.3M for big bone spares procurement.
P-1 Shopping List Item No. 6	Weapon System Cost Analysis
	Exhibit P-5, page 3 of 10

,			'						,		
Appropriation (Treasury) Code	CC/BA/BSA/Ite	m Control Num	nber				P-1 Line I	em Nomenclat	ure		
Aircraft Procuremer	nt, Air Ford	e, Budge	t Activity	02, Airlift	Aircraft,	Item No.	6 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 Location	Award Date	Date of First Delivery	Specs Available Now?	Date Revision Available?
FY 2006											
Air Vehicle	15	170.152	AFMC/ASC		SS	FFP	Boeing - Airlift and Tankers, Long Beach, CA	Jan-06	Jul-06		
Propulsion	60	6.270	AFMC/ASC		SS	FP	Pratt & Whitney, East Hartford, CT	Nov-05	Jul-06		
FY 2007											
Air Vehicle	12	176.622	AFMC/ASC		SS	FFP	Boeing - Airlift and Tankers, Long Beach, CA	Jan-07	Aug-07		
Propulsion	32	6.512	AFMC/ASC		SS	FP	Pratt & Whitney, East Hartford, CT	Nov-06	Jul-07		
Air Vehicle	10	200.000	AFMC/ASC		SS	FFP	Boeing - Airlift and Tankers, Long Beach, CA	Dec-06	Aug-08		
Propulsion	40	8.500	AFMC/ASC		SS	FP	Pratt & Whitney, East Hartford, CT	Mar-07	Mar-08		

Remarks

- -- Air Vehicle Unit Cost is total of Airframe and Avionics unit costs from P-5 Exhibit which includes both Contractor and Government Furnished Equipment.
- -- Multi-Year Procurement II contract was awarded 14 Aug 02. The award dates indicated above reflect contract modification dates to obligate funds for the aircraft procured in each fiscal year.
- -- The FY07 +10 aircraft is an Indefinite Delivery Indefinite Quantity (IDIQ) contract. An Undefinitized Contractual Action (UCA) was awarded 18 Dec 06; definitization is scheduled for Nov 07.
- -- The FY07 engine buy may be part of an IDIQ-type contract; however, to meet delivery requirements, a UCA may initially be required.
- -- The Propulsion Contract Type is Fixed Price with Economic Price Adjustment.

Exhibit P-5A, Procurement History and Planning

P-1 Shopping List Item No. 6

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

Date: February 2007

Exh	ibit P-21, Production	n Sched	ule																			D	ate:	Febru	uary :	2007	,			
Appr	opriation (Treasury) Code	e/CC/BA/E	3SA/Item	Control Nu	ımber													Р	-1 Lin	e Iten	n Nor	nencla	ature							
Air	craft Procureme	nt, Air	Force	, Budg	et Acti	vity	02,	Air	lift /	4irc	raft	, Ite	m N	lo. (6			C	: -17	A (I	MYP)								
		S		ACCEP.	BALANCE					FIS	CAL Y	EAR 2	002									FIS	SCAL Y	EAR 20	003					L
		F	PROC.	PRIOR	DUE		2001						CALE	ENDAF	R YEAR	R 2002							C	ALEND	AR YE	EAR 200	03			Α
	PROCUREMENT YEAR	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$															S	0	N	D	J	F	M	A	M	J	J	Α	S	T
		R V 1 OCT 1 OCT C O E A E A P A U U U E 2001 2001 T V C N B R R Y N L G P															E	C	O	E	A	E	A	P	A	U	U	U	E	E
	NONE																Т	V	С	N	В	R	R	Y	N	L	G	Р	R	
TOTA	NONE																										 		0	
1017	AL.	USAF 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0															0	N	D	-	F	M	Δ	M			Α	S		
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					PRODUCT	ION R	ATES							PRC	CURE	MENT	LEAD :	TIME												
					MIN	SHIF	Т	M							AD	MIN														
					SUST	HOU	RS	Α							LEAD	TIME			MFG			TOTAL	L							
ITEM,	/MANUFACTURER'S NAME		LOCATION	N		DAYS	3	Χ											TIME			AFTEF	₹							
C-17A	A / Boeing (Lots 11 - 15)		Long Beach	ı, CA	12	1/8/5		15							RIOR		ΓER		IIIVIL			1 OCT	-							
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REMA	ARKS																													

P-1 Shopping List Item No. 6

Production Schedule Exhibit P-21, page 5 of 10

Exh	nibit P-21, Production	n Sched	ule																			D	ate:	Febru	uary :	2007	,			
App	ropriation (Treasury) Code	e/CC/BA/E	SSA/Item (Control Nu	ımber													Р	-1 Lin	e Iten	n Nom	nencla	ature							
Air	craft Procureme	nt, Air	Force	, Budg	et Acti	ivity	02 ,	Air	lift /	4irc	raft	, Ite	m N	lo. (6			C	:-17	Α (Ι	ИYР)								
		c		ACCEP.	BALANCE					FIS	CAL Y	EAR 2	004									FIS	SCAL Y	EAR 2	005					L
		. E	PROC.	PRIOR	DUE		2003						CALI	ENDAF	R YEAR	R 2004							C	ALENE	AR YE	EAR 20	05			Α
	PROCUREMENT YEAR	REMENT YEAR R QTY TO AS OF O N D J F M A M J J A S C C O E A E A P A U U U E C C C C C C C C C															О	N	D	J	F	M	A	M	J	J	A	S	T	
		R QTY 1 OCT 1 OCT C O E A E A P A U U U E															C	О	Е	Α	Е	A	P	A	U	U	U	E	E	
																	T	V	С	N	В	R	R	Y	N	L	G	P	R	
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			Ī		PRODUCT	ION R	ATES		IN	D	_ IX	11	1 '	PRC	CURE	_	I FAD	TIME	ı v	C	14		IX	- 11	<u>'</u>	1 14			<u> </u>	——
					MIN	SHIF		М						1		MIN		<u>-</u>												
					SUST	HOU		A								TIME						TOTAL	L							
ITEM	/MANUFACTURER'S NAME		LOCATION	1		DAYS		Х											MFG			AFTER	3							
C-17	A / Boeing (Lots 11 - 15)		Long Beach	, CA	12	1/8/5		15						PR	IOR	AF	ΓER	1	TIME			1 OCT	-							
														10	OCT	1 C	CT													
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REM.	ARKS	•				,	,		•	•	•		,		•		•	,	•	,				•	•	•	•		•	

P-1 Shopping List Item No. 6

Production Schedule Exhibit P-21, page 6 of 10

Ex	hibit P-21, Productio	n Sched	ule																			D	ate: I	Febru	uary :	2007				
App	propriation (Treasury) Code	e/CC/BA/E	SSA/Item (Control No	ımber													Р	-1 Lin	e Iten	n Nom	nencla	ature							
Ai	rcraft Procureme	nt, Air	Force	, Budg	et Acti	vity	02,	Air	lift /	4irc	raft	, Ite	m N	lo. 6	3				: -17	A (N	MYP)								
		S	DD C C				2000			FIS	CAL Y	EAR 2		ENDAR	YEAR	2001						FIS		EAR 2		AR 200)2			L A
	PROCUREMENT YEAR	F PROC PRIOR DUE 2000 CALENDAR YEAR 2001															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	
	NONE	S PROC. QTY															T	V	С	N	В	R	R	Y	N	L	G	P	R 0	
TOT	AL	CUREMENT YEAR PROC. R OT OT OT OT OT OT OT																										0		
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					PRODUCT	ION R	ATES	•						PRO	CURE	MENT	LEAD	TIME										·		
ITEN	M/MANUFACTURER'S NAME		LOCATION	N	SUST	HOUF	RS	Α											MFG TIME			TOTAL AFTER								
Addi	tional C-17 Aircraft / Boeing (Lot 1	15B-Lot 19)	Long Beach	ı, CA	12	1/8/5		15											TIIVIL			1 OCT								
	·								INITIA REOR								4			32										
	MARKS																													
EVO:	3 EV07 reflect the second Multi V	ear buy of 60	C 17 aircraf	÷																										

P-1 Shopping List Item No. 6

Production Schedule Exhibit P-21, page 7 of 10

Exhibit P-21, Production	on Sched	lule																			D	ate: I	-ebru	uary 2	2007				
Appropriation (Treasury) Co	de/CC/BA/E	3SA/Item (Control No	umber													Р	-1 Lin	e Item	n Nom	encla	ature							
Aircraft Procurem	ent, Air	Force	, Budg	jet Acti	vity	02,	Air	lift A	irc	raft	, Ite	m N	lo. (6			C	:-17	A (N	ΙΥΡ)								
	S	PROC.	ACCEP. PRIOR	BALANCE DUE		2002			FIS	CAL Y	EAR 2		ENDAF	R YEAR	2003						FIS	CAL Y		004 OAR YE	AR 200	04			L A
PROCUREMENT YEAR	ROCUREMENT YEAR R V 1 OCT 1 OCT C O E A E A P A U U U E C C O P T V C N B R R Y N L G P T															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	
2003	USAF 7 0 7																								2	2	1	2	
2004 2005																											11 15		
2006	USAF	15		15																									15
2007	USAF	22		22		1																							22
2008	USAF	0	0	0																									0
TOTAL		70	0	70																						2	2	1	65
					O C T	N O V	DEC	J A N	F E B	M A R	A P R	M A Y	NON	D D	A U G	S E P	O C T	N O V	ОШО	N A	F E B	M A R	A P R	M A Y	ZC	7 C C	ΑUG	S E P	
				PRODUCT									PRC	CURE		LEAD 7	TIME												
			_	MIN SUST	SHIFT	RS	M A							AD LEAD	MIN TIME			MFG			TOTAL								
ITEM/MANUFACTURER'S NAME		LOCATION		12	DAYS	3	X							IOD	۸	FED		TIME			AFTER								
Additional C-17 Aircraft / Boeing (Lo	t 15B-Lot 19)	Long Beach	, CA	12	1/8/5		15							IOR OCT		TER OCT					1 OCT								
								INITIAL								4			32										
DEMARKS.								REORI	DER																				
REMARKS																													

FY03-FY07 reflect the second Multi-Year buy of 60 C-17 aircraft.

P-1 Shopping List Item No. 6

Production Schedule Exhibit P-21, page 8 of 10

Exhibit P-21, Production	n Sched	ule																			Da	ate: F	-ebru	lary 2	2007				
Appropriation (Treasury) Cod	le/CC/BA/E	3SA/Item (Control Nu	ımber													Р	-1 Lin	e Item	n Nom	encla	ture							
Aircraft Procureme	ent, Air	Force,	, Budg	et Acti	vity	02,	Air	lift A	irc	raft	, Ite	m N	lo. (3			C	:-17	A (N	/YP)								
	S	PROC.	ACCEP. PRIOR	BALANCE DUE		2004			FIS	CAL Y	EAR 20		ENDAF	YEAR	2005						FIS	CAL Y CA			AR 200)6			L A
PROCUREMENT YEAR	ROCUREMENT YEAR R V 1 OCT 1 OCT C O E A E A P A U U U E C C O P T S C O N B R R Y N L G P T															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	
2003	USAF 7 5 2 1 1 1																											0	
2004	USAF 7 5 2 1 1																											0	
2005	USAF	15		15											1	1	1	2	1	1	2	1	2	2	0	1	<u> </u>		0
2006 2007	USAF USAF	15 22		15																						0	2	1	12 22
2007	USAF	0	0	0																									0
TOTAL	CDAI	70	5	65	1	1	1	2	1	1	2	1	2		2	1	1	2	1	1	2	1	2	2	0	1	2	1	34
					O C T	N O V	DEC	J A N	F E B	M A R	A P R	M A Y	J U	JUL	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	JUN	J U L	A U G	S E P	
				PRODUCT		_							PRO	CURE		LEAD	ГІМЕ												
					SHIFT	RS	M A							ADI LEAD				MFG			TOTAL								
ITEM/MANUFACTURER'S NAME	15D L + 10)	LOCATION		10	DAYS	·	X 15						DD	IOR	AF	ren.		TIME			AFTER 1 OCT								
Additional C-17 Aircraft / Boeing (Lot	15B-Lot 19)	Long Beach	, CA	12	1/8/5		15							OCT	1 C						1001								
								INITIAL								4			32										
REMARKS								REORI	JER				l .																

FY03-FY07 reflect the second Multi-Year buy of 60 C-17 aircraft.

P-1 Shopping List Item No. 6

Production Schedule Exhibit P-21, page 9 of 10

Ex	hibit P-21, Production	R V V 1 OCT 1 OCT C O E A E A P A U U U E V C N B R R Y N L G P O O O O O O O O O																			D	ate: I	=ebru	uary 2	2007					
App	propriation (Treasury) Code	e/CC/BA/E	3SA/Item (Control No	umber													Р	-1 Lin	e Iten	Nom	nencla	ature							
Αi	rcraft Procureme	nt, Air	Force	, Budg	jet Acti	vity	/ 02 ,	Air	lift A	۱irc	raft	, Ite	m N	lo. (6				:-17	A (N	ΙΥΡ)								
		S	DDOG				2006			FIS	CAL Y	EAR 2		ENDAI	R YEAR	R 2007						FIS	CAL Y			EAR 200)8			L A
	PROCUREMENT YEAR	CUREMENT YEAR R V OTY 1 OCT 1 OCT C O E A E A P A U U U E COMBAN OF COMBAN O															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	
	2003	Y 2006 2006 T V C N B R R Y N L G P T USAF 7 7 0																											0	
	2004	USAF 7 7 0																											0	
	2005						ļ																					ــــــ		0
	2006						1	1	2	1	1	1	1	1	2			_										<u> </u>	ليسا	0
	2007	USAF	22		22		-								0	1	1	2	1	0	0	0	2	1	1	2	1	1	2	7
TOT	2008	USAF	70	V	5 34		1	1	2	- 1	- 1	- 1	1	1	2	1		2	1	0	0	0	2		1	2	1			0
101	AL		/0	36	54		NI I			<u></u>	1	1	N 4	1		1	- 1	- 2	NI I		- 1		N 4	1	N 4		1	<u>1</u>	S	/
						C T	0 V	E	A N	E B	A R	P R	A	U	U	U	E	C	0 V	E	A N	E B	A R	P R	A Y	N O	J L	U	E P	
					PRODUCT	ION R	ATES							PRC	CURE	MENT	LEAD :	TIME												
					MIN SUST	SHIF	RS	M A								MIN TIME			MFG			TOTAL								
	M/MANUFACTURER'S NAME		LOCATION			DAYS	3	Х											TIME			AFTER								
Addi	tional C-17 Aircraft / Boeing (Lot	15B-Lot 19)	Long Beach	, CA	12	1/8/5		15							IOR OCT	AF 1 C						1 OCT								
	·						-		INITIAL						-		4			32	-		-							
L	MADKS								REORI	DER																				

FY03-FY07 reflects the second Multi-Year buy of 60 C-17 aircraft plus the 10 additional aircraft added in Title IX of the FY07 Defense Appropriations Act.

The FY07-09 USAF delivery schedule has been adjusted to account for delivery of four Australian Foreign Military Sale (FMS) aircraft and one UK Direct Commercial Sale (DCS) aircraft, including additional 10 C-17s delivering in FY08/09.

P-1 Shopping List Item No. 6

Production Schedule Exhibit P-21, page 10 of 10

Exhibit P-40, Budget Item Jus	tification								Dat	e: February	2007	
Appropriation (Treasury) Code/CC/BA	VBSA/Item C	ontrol Number						P-1 Line Ite	m Nomenclatu	re		
Aircraft Procurement, Ai	ir Force,	Budget Act	ivity 02,	Airlift Air	craft, Iten	n No. 7		C-17 Ac	lvance Pr	ocureme	nt	
Program Element for Code B Items	S:	N/A		N/A								
	ID Code	Prior Years	FY 2010	FY 2011	FY 2012	FY 2013	To Comp	Total				
Proc Qty	A							0				
Cost (\$ M)			2791.780	4347.201	260.601	569.079	238.295	214.881	216.892	197.068		8835.797
Interim Ctr Support (\$ M)												0.000
Advance Proc Cost (\$ M)		4728.162	657.269									5385.431
Weapon System Cost (\$ M)		4728.162	3449.049	4347.201	260.601	569.079	238.295	214.881	216.892	197.068	0.000	14221.228
Initial Spares (\$ M)												0.000
Total Proc Cost (\$ M)		4728.162	3449.049	4347.201	260.601	569.079	238.295	214.881	216.892	197.068	0.000	14221.228
Flyaway Unit Cost (\$ M)												
Wpn Sys Unit Cost (\$ M)												

Description

FY06 Emergency Supplemental Appropriation included \$227.5M for 10 C-17 aircraft in FY08.

FY 2008 Program Justification

There is no request for C-17 AP in FY 2008.

FY 2009 Program Justification

There is no request for C-17 AP in FY 2009.

P-1 Shopping List Item No. 7

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

Exhibit P-10 p.1, Advance	Procureme	nt Requirer	nents Analy	ysis						Date:	February 2	007	
(Page 1 - Funding)	·C/DA/DCA/Ito	Control Nun							2.4 Line Item N	Alamanalatura			
Appropriation (Treasury) Code/Co					_				P-1 Line Item N				ľ
Aircraft Procurement	., Air Forc	e, Budge	t Activity	02, <u>Airli</u>	it Aircraf	t, Item N	o. 7	(ว-17 <u>Adv</u> a	ance Pro	curemen	.t	!
Weapon System						First System	Award Date			First System	Completion D	Jate	
C-17AP							Jan-	-05			Auc	g-05	
						n Millions)							
<u>Description</u>	<u>PLT</u>	When Rqd	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Comp	<u>Total</u>
End Item Qty			168	22		0	0				'	0	190
CEE			2496.566	(21.760	0.000								1110 225
CFE			3486.566			<u> </u>				<u>_</u>	 '		4118.335
GFE		'	296.396	25.500	0.000	0.000	0.000	<u> </u>		<u>, </u>	<u> </u>		321.896
			045 200						т —				0.45.200
EOQ			945.200		<u> </u>			 	ļ		 '	1	945.200
Design				J	<u> </u>			1			<u> </u>		0.000
Term Liability													0.000
													0.000
TOTAL AP			4728.162	657.269	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5385.431
<u>Description</u>			1										

This acquisition is a multi-year procurement (MYP) contract of five years duration for the current MYP contract in addition to continued procurement of 10 C-17s beyond 180. The budget fully funds each year's aircraft buy. The procurement quantity profile for FY04 - FY07 is 11-15-15-22, while deliveries remain at the planned economic production rate of 15 per year. The Advance Procurement funds appropriated for this multiyear contract will be used to procure economic order quantity (EOQ) and long-lead components, parts, and efforts necessary to capitalize on economic purchases and maintain efficient production rates. In addition, FY06 advance procurement has funding for 10 additional aircraft in FY07 that was requested as part of the FY06 PB, and \$227.5M for 10 C-17 aircraft in FY08 as part of the FY06 Emergency Supplemental Appropriations.

First System Award Date reflects the planned Lot XVIII (FY06 aircraft buy) contract obligation date.

First System Completion Date reflects the first aircraft delivery for Lot XVIII (FY06 aircraft buy).

FY 2006 Program Justification

FY06 advance procurement funding will provide for the CFE and GFE for 22 FY07 production aircraft.

P-1 Shopping List Item No. 7

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

					U	NCLAS	SIFIED)							
Exhibit P-10 p.2, Adv (Page 2 - Budget Jus		ent Requi	rements An	ıalysis							[Oate: Febr	uary 200)7	
Appropriation (Treasury)	Code/CC/BA/BSA/Ite	em Control N	lumber							P-1 Line	Item Nomeno	lature			
Aircraft Procure	ment, Air For	ce, Bud	get Activi	ty 02,	Airlift Ai	rcraft, It	tem No	. 7		C-17 A	Advance	Procure	ement		
Weapon System															
C-17AP															
					<u>(</u>	ΓΟΑ, \$ in N	Millions)								
					2006	2006		2007	2007		2008	2008		2009	2009
					Contract			Contract	<u>Total</u>		Contract	<u>Total</u>		Contract	<u>Total</u>
				<u>2006</u>	Forecast		<u>2007</u>	Forecast	Cost	2008	Forecast	Cost	<u>2009</u>	<u>Forecast</u>	<u>Cost</u>
<u>Description</u>	PLT	<u>QPA</u>	<u>Unit Cost</u>		<u>Date</u>	Request	<u>QTY</u>	<u>Date</u>	Request	<u>QTY</u>	<u>Date</u>	Request	<u>QTY</u>	<u>Date</u>	Request
End Item				2	22 Jan-06	217.923									
CEE	T					T (21 5 (0	1	1		1					
CFE				 		631.769						<u> </u>			
GFE						25.500									
EOQ		T	Τ	Т	$\overline{}$					1		Т	T		1
Design															
Term Liability												1			
TOTAL AP						657.269			0.000)		0.000			0.000
Description															
The "2006 Contract For	ecast Date" column	reflects Ja	n 06 for 12 ai	rcraft. T	he additiona	al 10 aircra	ft provide	d for under	Title IX of	the FY0	7 Defense A	ppropriation	ons Act w	ere awarded	i
in Dec 06 under an Und	efinitized Contract	ual Action v	which is sche-	duled for	definitizati	on in Nov ()7.								

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 Jus	stification								Dat	e: February	2007	
Appropriation (Treasury) Code/CC/B	A/BSA/Item Co	ontrol Number						P-1 Line Ite	m Nomenclatu	ire		
Aircraft Procurement, A	ir Force,	Budget Act	tivity 02, <i>i</i>	Airlift Air	craft, Iten	1 No. 8		C-130J				
Program Element for Code B Item	ıs:	N/A			Other Relate	ed Program E	lements:		N/A			
	ID Code	Prior Years	FY 2010	FY 2011	FY 2012	FY 2013	To Comp	Total				
Proc Qty	A	21					0	50				
Cost (\$ M)		1509.386	25.110	40.860	50.281	42.118	TBD	TBD				
Advance Proc Cost (\$ M)		369.900	78.937	89.672							TBD	TBD
Weapon System Cost (\$ M)		1879.286	975.673	784.018	686.069	48.660	25.110	40.860	50.281	42.118	TBD	TBD
Initial Spares (\$ M)		70.169	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	70.169
Total Proc Cost (\$ M)		1949.455	975.673	784.018	686.069	48.660	25.110	40.860	50.281	42.118	TBD	TBD
Flyaway Unit Cost (\$ M)		64.593	58.267	58.998	61.302	0.000	0.000	0.000	0.000	0.000	TBD	TBD
Wpn Sys Unit Cost (\$ M)		64.863	58.544	59.275	61.579	0.000	0.000	0.000	0.000	0.000	TBD	TBD

Description

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

FY 2008 Program Justification

The FY 2008 budget will complete the C-130J multiyear buy (nine aircraft). 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.

FY08 is the sixth and last year of the C-130J multiyear procurement (MYP) buy. The FY06 Global War on Terror (GWOT) Supplemental appropriated three USAF C-130Js and two USMC KC-130Js.

The USAF C-130J fleet in 2010 will consist of:

C-130J: 55 C-130J (short): 10 WC-130J: 10 EC-130J: 7 TOTAL 82

17 Combat Delivery C-130Js were congressionally added in the Guard Reserve Equipment Account and are not counted in the Prior Years column above.

FY 2009 Program Justification

The FY2009 budget supports C-130J 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. 8

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

Exhibit P-5, Weapon System Cost Analysi	S									Date: Feb	ruary 20	07	
Appropriation (Treasury) Code/CC/BA/BSA/Item Con	trol Number							P-1 Line	e Item Nomei	nclature			
Aircraft Procurement, Air Force, B	udget A	ctivity (02, Airlif	t Aircraf	t, Item	No. 8		C-13	0J				
Manufacturer's Name/Plant City/State Location				Subline Ite	m								
Lockheed Martin Aero-Marietta				C-130J (BF	PAC 1040	0C)							
Weapon System	Ident			`			Cost in Mil	lions of I	Oollars				
Cost Elements	Code		FY 2006			FY 2007			FY 2008			FY 2009	
				Total			Total			Total			Total
		Qty	Unit Cost	Cost	Qty	Unit Cost	Cost	Qty	Unit Cost	Cost	Qty	Unit Cost	Cost
Airframe	A	11	56.744	624.184	9	57.475	517.277	Ç	59.779	538.007	()	0.000
Avionics	A												
Armament	A												
Software	A												
Other Government Furnished Equipment (GFE)	A			26.324			17.900			18.900			0.000
Engineering Change Orders (ECO)	A												
Nonrecurring Costs	A												
Other Costs	A												
FLYAWAY COST SUBTOTAL				650.508			535.177			556.907			
Airframe Peculiar Ground Support Equipment	A			5 176			5,000			6,000			1.670
(PGSE)				5.476			5.000			6.000			1.070
Peculiar Training Equipment	A	2	,	49.210			3.040			1.347			1.396
Publications/Technical Data	A			5.586			3.000			2.262			
ECOs	A												
Diiminshing Manufacturing Sources	A			7.700			14.250			0.250			
ICS	A			2.590			2.650			3.849			3.888
ISS	A			259.083			180.695			116.406			8.073
Data	A			1.706			1.745			1.785			1.825
Post Delivery Support	A			12.168			12.851			13.024			11.850
Organic Depot Support	A						0.000			56.028			10.933
Other	A			12.174			5.775			7.450			9.025
SUPPORT COST SUBTOTAL				355.693			229.006			208.401			48.660
EOQ	A												
Advanced Procurement	A			78.937			89.672						
Less prorated FY03 EOQ				-5.769			-6.490			-6.490			
Less prorated FY04 EOQ	A			-7.692			-8.654			-8.654			
Less prorated FY05 EOQ	A			-12.821			-14.423			-14.423			
Less previous year advance procurement	A			-90.000			-78.937			-89.672			
Production Line Shutdown	A			0.000			38.667			40.000			
Withhold	A			6.817									
TOTAL PROGRAM				975.673			784.018			686.069			48.660

UNCLASSIFIED PAGE 2 - 16

Weapon System Cost Analysis Exhibit P-5, page 2 of 9

UNCLASSIFIED	
Exhibit P-5, Weapon System Cost Analysis	Date: February 2007
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number	P-1 Line Item Nomenclature
Aircraft Procurement, Air Force, Budget Activity 02, Airlift Aircraft, Item No. 8	C-130J
Comments	•
Effective 1 Oct 99, initial spares requirements migrated to Interim Supply Support (ISS) under the Reeningeered Supply Su	apport Process (RSSP) umbrella in BP10.
P-1 Shopping List Item No. 8	Weapon System Cost Analysis
	Exhibit P-5, page 3 of 9

Exhibit P-5A, Procurement His	tory ar	nd Planning							Dat	e: February	2007	
Appropriation (Treasury) Code/CC/BA/	BSA/Ite	m Control Num	nber					P-1 Line Ite	m Nomenclatu	ıre		
Aircraft Procurement, Air	r Ford	e, Budge	t Activity	02, Airlift	Aircraft,	Item No. 8		C-130J				
Weapon System					Subline Iter	n						
C-130J					C-130J (BP	AC 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 l	Location	Award Date	Delivery	Now?	Available?
Lockheed Martin -	8	54.024	WPAFB	Apr-02	C	Multiyear	Lockheed Marti	n - Aero,	Feb-06	Dec-06	Yes	
Aero-Marietta FY06						FFP	Marietta, GA 3	0063-0290				
Lockheed Martin - Aero	9	57.475	WPAFB	Apr-02	C	Multiyear	Lockheed Marti	n - Aero,	Dec-06	Dec-07	Yes	
FY07						FFP	Marietta, GA 3	0063-0290				
Lockheed Martin -	3	64.000	WPAFB	Aug-06	C	FFP	Lockheed Marti	n - Aero,	Dec-06	Jan-10	Yes	
Aero-Marietta FY06							Marietta, GA 3	0063-0290				
Lockheed Martin -	9	59.779	WPAFB	Apr-02	C	Multiyear	Lockheed Marti	n - Aero,	Nov-07	Apr-09	Yes	
Aero-Marietta FY08						FFP	Marietta, GA 3	0063-0290				

Remarks

Air Vehicle:

P-1 Shopping List Item No. 8

Procurement History and Planning Exhibit P-5A, page 4 of 9

a. The C-130J contract was converted from a commercial FAR Part 12 to a traditional FAR Part 15 contract in Oct 06.

f. The FY06 GWOT Supplemental appropriated 3 USAF C-130Js. These 3 aircraft were placed on the C-130J FYOC in Dec 06 and will deliver in FY10 right after the FY08 MYP aircraft.

Exh	ibit P-21, Productio	n Sched	lule																			D	ate: I	=ebru	uary 2	2007	'			
Appı	opriation (Treasury) Cod	e/CC/BA/E	BSA/Item (Control No	umber													Р	-1 Lin	e Iten	n Non	nencla	ature							
Air	craft Procureme	nt, Air	Force	, Budg	jet Acti	vity	02,	, Air	lift /	Airc	raft	, Ite	m N	lo.	8			C	: -13	0J										
		S	PROC.	ACCEP. PRIOR	BALANCE DUE		2001			FIS	CAL Y	EAR 20		ENDAI	R YEAF	R 2002						FIS	SCAL Y			EAR 200	03			L A
	PROCUREMENT YEAR	R V	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
	1996	USAF	2	2	2 0																									0
	2001 2002	USAF USAF	2	0	2							1			1													₩		0
	2002	USAF	1	0) 1																							├─		1
	2004	USAF	4	0) 4																									4
	2005	USAF	11		11																									11
TOTA	<u>\L</u>		21	2	19		<u> </u>	<u> </u>	<u> </u>			1		<u> </u>	1	<u>. </u>			L		<u> </u>					<u> </u>	<u>. </u>	⊢. –	_	17
						O C T	O V	E C	J A N	E B	M A R	A P R	A Y	U N	U	U G	S E P	O C T	N O V	E C	J A N	E B	M A R	P R	A Y	U N	U L	U G	S E P	
					PRODUCT	ION R	ATES							PRC	CURE	MENT	LEAD :	TIME								•				
ITEM	/MANUFACTURER'S NAME		LOCATION	N	MIN SUST	SHIF HOUI DAYS	RS	M A X								MIN TIME			MFG			TOTAL AFTER								
Lockh	eed Martin - Aero		Marietta, GA 30063-0290		12			25							RIOR OCT	AF 1 C	TER OCT		TIME			1 OCT								
									INITIA REOR											29										
	ARKS		•		•	•		•						•		•					•			•						
TICA	7 1 C ! ! C. 1 . !	11 1	1	L	1																									

USMC and foreign aircraft deliveries fill in what appear to be production schedule gaps.

P-1 Shopping List Item No. 8

Production Schedule Exhibit P-21, page 5 of 9

Exhibit P-21, Produc	tion Sche	dule																			D	ate: I	Febru	uary	2007				
Appropriation (Treasury)	Code/CC/BA	/BSA/Item (Control No	umber													P	-1 Lin	e Iten	n Non	nencla	ature							
Aircraft Procure	nent, Ai	r Force	, Budg	jet Act	ivity	/ 02 ,	, Air	lift A	Airc	raft	, Ite	m N	lo.	В				C-13	0J										
	S	PDOG	ACCEP. PRIOR	BALANCE DUE		2003			FIS	SCAL Y	EAR 2		ENDAI	R YEAF	R 2004						FIS		EAR 20 ALEND		EAR 200	05			L A
PROCUREMENT YEA	R R V	PROC. 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			<u> </u>		<u> </u>	0
2004	USAF USAF	11	() 4	1																			2	2	<u> </u>			11
TOTAL	USAI	17	0) 17					1														1	2	2	\vdash	\vdash	\Box	11
			•	•	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	DEC	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	TION R	ATES							PRC	CURE	MENT	LEAD	TIME	1											
ITEM/MANUFACTURER'S NAI	ΛE	LOCATION	N	MIN SUST	SHIF HOU DAY:	RS	M A X								MIN TIME			MFG			TOTAL								
Lockheed Martin - Aero		Marietta, Ga 30063-0290	A	12	2		25							IOR		TER OCT		TIME			AFTER 1 OCT								
								INITIA											29										
REMARKS								REOF	RDER				<u> </u>				<u> </u>												

USMC and foreign aircraft deliveries fill in what appear to be production schedule gaps.

P-1 Shopping List Item No. 8

Production Schedule Exhibit P-21, page 6 of 9

Ext	nibit P-21, Production	n Sched	lule																			D	ate: I	=ebru	ary 2	2007				
App	ropriation (Treasury) Code	e/CC/BA/E	3SA/Item (Control No	umber													Р	-1 Lin	e Iten	n Nom	nencla	ture							
Aiı	rcraft Procureme	nt, Air	Force,	, Budg	jet Acti	ivity	/ 02 ,	, Air	lift A	Airc	raft	, Ite	m N	lo. 8	3				C-13	0J										
		S		ACCEP. PRIOR	BALANCE DUE		2005		l	FIS	CAL Y	EAR 2		ENDAF	YEAR	R 2006						FIS		EAR 20 ALEND		AR 200)7			L A
	PROCUREMENT YEAR	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	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
	2005	USAF	11	2003) 11	. 2	1	1	11	1	1	1	1	1	1		1	1	•		11	ь	IX	IX	1	11				0
	2006	USAF	11	0	11															1			1	2		2	1	1		3
	2007	USAF USAF	9	0	9														<u> </u>								—			9
TOT		USAF	40	0) 40		1	1		1	1	1	1	1	1		1			1			1	2.		2	<u> </u>	1		21
	-					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	J U L	A U G	S E P	
					PRODUCT			•		•	•			PRO		MENT	LEAD	TIME	•											
ITEM	1/MANUFACTURER'S NAME		LOCATION	I	MIN SUST	SHIF HOU DAYS	RS	M A X								MIN TIME			MFG			TOTAL								
Lock	heed Martin - Aero		Marietta, GA 30063-0290		12	2		25						PR 1 C	IOR ICT	AF 1 C	TER OCT		TIME			AFTER 1 OCT								
									INITIA											29										
REM	ARKS				1			I	REOF	KDER				<u> </u>				<u> </u>												

USMC and foreign aircraft deliveries fill in what appear to be production schedule gaps.

P-1 Shopping List Item No. 8

Production Schedule Exhibit P-21, page 7 of 9

Exhibit P-21, Production	Sched	ule																			D	ate: I	-ebru	uary	2007	,			
Appropriation (Treasury) Code	/CC/BA/E	3SA/Item C	Control Nu	ımber													Р	-1 Lin	e Iten	n Nom	nencla	ture							
Aircraft Procuremen	nt, Air	Force,	, Budg	et Acti	vity	02,	Air	lift <i>F</i>	۱irc	raft	, Ite	m N	lo. 8	3				C-13	0J										
	Treasury Code CC BA BSA Item Control Number																		FIS		EAR 20 ALEND		EAR 20	09			L A		
PROCUREMENT YEAR	R V		1 OCT	1 OCT	O C T	-		J A N		M A R		M A Y	J U N	J U L	A U G	E	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	REMENT YEAR REMEN																											3	
	S																			1								0	
TOTAL	USAF	20	0				1		1	1	1	1	1	1		1					1		1	1	1	1		2	3
		27			0	N O V	D E C	J A N		M A R	A P R	M A Y	J U N	J L	A U G	_	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	TIME												
ITEM/MANUFACTURER'S NAME		LOCATION	I		HOU	RS	Α											MFG			TOTAL AFTER								
Lockheed Martin - Aero				12			25											TIME			1 OCT								
								INITIAI											29										
REMARKS		I		ı	1			KLOK	DLI						1														

USMC and foreign aircraft deliveries fill in what appear to be production schedule gaps.

P-1 Shopping List Item No. 8

Production Schedule Exhibit P-21, page 8 of 9

Exhibit P-21, Production Schedule																			D	ate:	Febru	uary	2007	,			
Appropriation (Treasury) Code/CC/BA/BSA/Ite	m Control No	ımber													Р	-1 Lin	e Iten	n Nor	nencla	ature							
Aircraft Procurement, Air Ford	e, Budg	et Acti	vity	02,	Air	lift /	4irc	raft	, Ite	m N	lo. 8	8			C	C-13	0J										
S E PROC	ACCEP. PRIOR	BALANCE DUE		2009			FIS	CAL Y	EAR 2		ENDAF	R YEAI	R 2010						FIS		EAR 2		EAR 20	11			L A
PROCUREMENT YEAR R QTY	177	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
2006 USAF	11 8	3				1	1	1																			0
2008 USAF	9 6	3		2	1																<u> </u>						0
TOTAL	20 14	. 6		2	1	1	1	1				<u> </u>	— ,			L.,	_		_		— ,—		<u> </u>	<u> </u>	<u> </u>		0
			C	0 V	E C	A N	E B	A R	P R	A Y	N N	U	U G	S E P	C	0 V	E C	A N	E B	A R	P R	A Y	U	U	U G	S E P	
		PRODUCT	ION R	ATES							PRC	CURE	MENT	LEAD	TIME												
ITEM/MANUFACTURER'S NAME LOCAT	ION	SUST	SHIFT HOUF DAYS	RS	M A X								MIN TIME			MFG			TOTAL								
Lockheed Martin - Aero Marietta 30063-0	, GA	12	Ditte	,	25							RIOR		TER OCT		TIME			AFTEF 1 OCT								
						INITIA											29										
REMARKS			<u> </u>			REOR	DEK						<u> </u>		<u> </u>						l						
USMC and foreign aircraft deliveries fill in what appear to be	production sched	ule gaps.																									

P-1 Shopping List Item No. 8

Production Schedule Exhibit P-21, page 9 of 9

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Exhibit P-40, Budget Item Jus	tification								Date	e: February	2007	
Appropriation (Treasury) Code/CC/BA	VBSA/Item Co	ontrol Number						P-1 Line Ite	m Nomenclatu	re		
Aircraft Procurement, A	ir Force,	Budget Act	tivity 02, <i>i</i>	Airlift Air	craft, Iten	n No. 9		C-130J	Advance	Procurer	nent	
Program Element for Code B Items	s:	41132F			Other Relate	ed Program E	Elements:	•	N/A			
	ID Code	Prior Years	FY 2010	FY 2011	FY 2012	FY 2013	To Comp	Total				
Proc Qty	A							0				
Cost (\$ M)												0.000
Advance Proc Cost (\$ M)		369.900	78.937	89.672								538.509
Weapon System Cost (\$ M)		369.900	78.937	89.672	0.000	0.000	0.000	0.000	0.000	0.000	0.000	538.509
Initial Spares (\$ M)												0.000
Total Proc Cost (\$ M)		369.900	78.937	89.672	0.000	0.000	0.000	0.000	0.000	0.000	0.000	538.509
Flyaway Unit Cost (\$ M)												
Wpn Sys Unit Cost (\$ M)												

Description

The C-130J is a medium-size transport aircraft capable of performing a variety of combat delivery (tactical airlift) operations across a broad range of mission environments. The advance procurement funds appropriated for this multiyear contract will be used to procure economic order quantity (EOQ) and long-lead components, parts, and materials (contractor furnished equipment - CFE).

FY 2008 Program Justification

There is no requirement for FY08 advance procurement funds.

FY 2009 Program Justification

There is no requirement for FY08 advance procurement funds.

P-1 Shopping List Item No. 9

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

					UNCL	ASSIFIEI)						
Exhibit P-10 p.1, Advance	Procureme	ent Require	ments Anal	ysis						Date:	February 2	2007	
(Page 1 - Funding)													
Appropriation (Treasury) Code/C	C/BA/BSA/Ite	m Control Nur	nber					P	'-1 Line Item I	Nomenclature			
Aircraft Procurement	, Air Ford	ce, Budge	t Activity	[,] 02, Airlif	it Aircraf	t, Item N	o. 9		C-130J A	dvance P	rocurem	ent	
Weapon System						First System	Award Date			First System	Completion [Date	
C130JA							Maı	r-03			May	y-05	
D	DI T	1371 D 1	In: 37	EV 2006		Millions)	EX 2000	EX 2010	EX 2011	EV 2012	EV 2012	T. C	Tr 4 1
<u>Description</u>	<u>PLT</u>	When Rqd	Prior Years		FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Comp	Total
End Item Qty			15	8	9	9							41
CFE			239.900	78.937	89.672								408.509
GFE													0.000
	ų.	II.					ı	l		l			
EOQ			130.000										130.000
Design													0.000
Term Liability													0.000
													0.000
TOTAL AP			369.900	78.937	89.672	0.000	0.000	0.000	0.000	0.000	0.000	0.000	538.509
<u>Description</u>													
The Air Force is converting the award was in Feb 06.	e C-130J 'con	mmercial iten	ı' (FAR Part 1	2) procurem	ent contract	to a tradition	nal 'military i	item' (FAR F	Part 15)contra	act for the F	Y06-08 aircr	aft. Contract	
The Advanced Procurement Cl support the planned delivery so	_				-			nt suppliers a	nd subcontra	actors with s	ıfficient lead	I time to	
The EOQ funding enables Loc	kheed Martii	n to enter into	arrangement	s with suppli	ers for quan	tity buys of 1	naterial, lifet	time buys of	items to avo	id diminishi	ng manufacti	ure issues, and	1
the implemention of lean proc			•	**	•	•		•					
	1	• 1											

P-1 Shopping List Item No. 9

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

					U	NCLAS	SIFIED										
Exhibit P-10 p.2, Adv (Page 2 - Budget Jus	stification)	-		ıalysis								Date: Febi	ruary 200)7			
Appropriation (Treasury) C											em Nomenc						
Aircraft Procurer	nent, Air For	ce, Bud	get Activi	ty 02,	Airlift Ai	rcraft, It	tem Nc	. 9		C-130J Advance Procurement							
Weapon System																	
C130JA																	
						ΓOA, \$ in N	<u>Millions)</u>										
					<u>2006</u>	<u>2006</u>		<u>2007</u>	<u>2007</u>		<u>2008</u>	2008		<u>2009</u>	<u>2009</u>		
				2006	Contract		2007	Contract		2000	Contract	Total	2000	Contract			
D indian	DI T	ODA	III-:4 C4	2006 OTW	Forecast		2007 OTX			2008 OTV	Forecast		2009 OTIV	Forecast			
Description End Item	PLT	<u>QPA</u>	<u>Unit Cost</u>		Date 8 Feb-06	<u>Request</u> 78.937	<u>QTY</u>	<u>Date</u> 9 Nov-06	Request 89.672	QTY	<u>Date</u>	Request	QTY	<u>Date</u>	Request		
End Item					8 160-00	10.731) NOV-OC	89.072	<u> </u>							
CFE		Т	$\overline{}$	$\overline{\mathbf{T}}$	8 Feb-06	78.937	/ T	9 Nov-06	89.672		Т	$\overline{}$	$\overline{}$	$\overline{}$	 		
CI E						, 5,,,,,			07.0						-		
EOQ			T						1		\top		T				
TOTAL AP				1		78.937			89.672		†	0.000	,		0.000		
<u>Description</u>	·								-	•	-	•	•		•		
The Air Force is convert	ting the C-1301 'co	mmercial it	tem' (FAR Pa	ert 12) pro	ocurement co	ontract to a	traditions	l 'military i	item' (FAR	Part 15)c	ontract for t	the FY06-1	08 aircraft	Contract			
award was in Feb 06.	mg the C 1505 Co.	Illinoi ciui i	CIII (1711C1 m	.t 12) pro-	Curcinom Co	Milaci to a	Паштиона	1 1111111111111111111111111111111111111	(1111)	1 ant 10 je.	Milact 101 t	ner roo	70 unciure.	Contract			
awara was m r co ss.																	
The Advanced Procurem	nent CFE funding	enables Loc	kheed Martir	ı to autho	orize and pla	ce on order	material	, equipmen	nt suppliers	and subco	ontractors w	vith suffici	ent lead ti	me to			
support the planned deliv	-								11								
	•				-			-									
The EOQ funding enable			_	ents with	suppliers fo	r quantity b	ouys of m	aterial, lifet	time buys o	f items to	avoid dimi	nishing ma	anufacture	issues, and	1		
the implemention of lear	n process producti	vity improv	/ements.														

P-1 Shopping List Item No. 9

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 2007											
Appropriation (Treasury) Code/CC/B	A/BSA/Item Co	ontrol Number						P-1 Line Item Nomenclature							
Aircraft Procurement, A	ir Force,	HC-130Recap													
Program Element for Code B Item	ic.		HC-130 Rec	ap RDT&E:	PE64261F										
1 Togram Element for Code B Item					Other Relate	a i iogianii L	acments.		MC-130 Red	cap APAF: F	E27230F				
	ID Code	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Comp	Total			
Proc Qty	A					2	4	4	4	TBD	TBD				
Cost (\$ M)						170.132	313.998	285.120	285.120 246.358 185.958 TBD						
Advance Proc Cost (\$ M)					9.990	40.000	43.680	47.699	52.087	56.879	TBD	TBD			
Weapon System Cost (\$ M)		0.000	0.000	0.000	9.990	210.132	357.678	332.819	298.445	242.837	TBD	TBD			
Initial Spares (\$ M)											TBD	TBD			
Total Proc Cost (\$ M)		0.000	0.000	0.000	9.990	210.132	357.678	332.819	298.445	242.837	TBD	TBD			
Flyaway Unit Cost (\$ M)						TBD									
Wpn Sys Unit Cost (\$ M)															

Description

The HC-130 Recap Program will augment and recapitalize the aging USAF fleet of Combat Rescue Tanker (CRT) aircraft which is experiencing airworthiness, maintainability and operational limitations. The low density / high demand CRT fleet consists of several C-130 variants--37 aircraft in all--in Active Duty, Air Force Reserve and Air National Guard squadrons. The Analysis of Alternatives (AoA), completed in FY06, recommended procurement of 78 modified, medium-transport aircraft as the best solution to fill the capability gap. The replacement platform has not yet been selected, but the AoA identified the C-130J and A-400M as available candidates. The acquisition program is being structured based on the AoA recommended solution. The FY 2008 President's Budget requests RDT&E and Advance Procurement funds to begin the program. This is a New Start request.

APAF funds for MC-130 Recap are in Program Element 0207230F. The HC/MC-130 Recap Capabilities Development Document (ECD 3Q FY07) will define requirements for the recapitalization of the the HC-130P/N and MC-130E/P. Air Force will fund MC-130 Recap to the extent requirements are common with HC-130 Recap. USSOCOM will fund SOF-peculiar development and procurement requirements.

FY 2008 Program Justification

The FY 2008 PB provides advance procurement for two aircraft to be procured in FY09.

FY 2009 Program Justification

FY 2009 funds will procure two aircraft, support elements, and advance procurement for four aircraft to be procured in FY10.

P-1 Shopping List Item No. 9a

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

Exhibit P-5, Weapon System Cost Analys	is									Date: Feb	oruary 200)7	
Appropriation (Treasury) Code/CC/BA/BSA/Item Cor	ntrol Number							P-1 Line	e Item Nomer	clature			
Aircraft Procurement, Air Force, E	Budget A	ctivity	02, Airlif	t Aircra	ft, Item	No. 9a		HC-1	30Recap)			
Manufacturer's Name/Plant City/State Location			•	Subline Ite	em								
TBD													
Weapon System	Ident			l		Total	Cost in M	illions of I	Oollars				
Cost Elements	Code		FY 2006			FY 2007			FY 2008			FY 2009	
				Total			Total			Total			Total
		Qty	Unit Cost	Cost	Qty	Unit Cost	Cost	Qty	Unit Cost	Cost	Qty	Unit Cost	Cost
Airframe/Engines/Accessories											2		168.300
Avionics													
Armament													
Software													
Government Furnished Equipment (GFE)													4.800
Engineering Change Orders (ECO)													
Nonrecurring Costs													6.922
Other Costs													
FLYAWAY COST SUBTOTAL													180.022
Peculiar Ground Support Equipment (PGSE)													
Peculiar Training Equipment													
Publications/Technical Data													
ECOs													
ICS													
ISS													
Data													
Post-Delivery Support													
Other													
SUPPORT COST SUBTOTAL													
Gross P-1 Cost													180.122
Advance Procurement (Credit)													-9.990
Net P-1 Cost													170.132
Advance Procurement										9.990			40.000
TOTAL PROGRAM										9.990			210.132
Comments			- L	l				<u>l</u>				<u>I</u>	
HC-130 Recap platform has not yet been selected	d. Cost data	presente	d above is no	otional.									
			D 4 01		I4 N I	0-				147			
			P-1 5no	oping List	nem No.	Эd				vveap		m Cost Ana P-5, page	

Exhibit P-5A, Procurement His	story ar	nd Planning							Dat	e: Februar	y 2007				
Appropriation (Treasury) Code/CC/BA	/BSA/Ite	m Control Num	nber					P-1 Line It	em Nomenclatu	re					
Aircraft Procurement, Ai	r Ford	e, Budge	t Activity	02, Airlift	Aircraft,	Item No. 9	9a	HC-130Recap							
Weapon System HC-130Recap					Subline Iter	n		•							
HC-130Recap				•		_									
WBS Cost Elements	Qty	Unit Cost	Location of PCO	RFP Issue Date	Contract Method	Contract Type	Contractor and	Location	Award Date	Date of First Delivery	Specs Available Now?	Date Revision Available?			
W B Cost Elements	20	Cint Cost	100	Bute	Triculou .	Type	Contractor und	Location	Tiwara Bate	Benvery	110111	Truncio.			
Aircraft Procurement (FY09)	2	TBD	WPAFB		TBD	TBD	TBD								
Remarks															
The HC-130 Recap platform has no (e.g. C-130J, A-400M).	t yet bee	en selected.	The acquisitio	n program is	being structu	red based on p	procurement of a co	mbat rescu	ie tanker varia	nt of a med	um-size trans	port			

P-1 Shopping List Item No. 9a

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

xhibit P-21, Production Schedule																		Di	ate: l	-ebru	uary 2	2007				
opropriation (Treasury) Code/CC/BA/BSA/Item Control Nu	mber													Р	-1 Lin	e Item	n Nom	encla	ture							
ircraft Procurement, Air Force, Budge	et Acti	vity	02,	Air	lift A	Airc	raft	, Ite	m N	lo. 9)a			H	IC-1	30F	Reca	р								
	BALANCE					F	ISCAL	YEAR		ENID	DATE	D 1						F		YEAR		/EAD 2				L
PROCUREMENT YEAR PROC. PRIOR TO	DUE AS OF	0	N N	D	ī	F	М	Δ	M	LEND <i>P</i>	R YEA	ARI	2	Ο	N	D	T	F	М	CALEN	M M	YEAR 2	T T	Δ	S	A T
R QTY 1 OCT	1 OCT	C	0	E	A	E	A	P	A	U	U	U	E	C	0	E	A	E	A	P	A	U	U	U	E	E
V	0	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 2 0	2																									2
DTAL	0																									0
		0 (N	D E	J	F	M	A	M	J	J	A	S	0	N	D	J	F	M	A	M	J	J	A	S	
		T	٧	C	N	В	R	R	Y	N	L	G	P	T	٧	С	N	В	R	R	Y	N	L	G	P	
	PRODUCTI	ON RA	ATES							PRO	CURE	MENT	LEAD :	TIME												
		SHIFT		М							AD	MIN														
		HOUR		Α							LEAD	TIME			MFG			TOTAL								
EM/MANUFACTURER'S NAME LOCATION		DAYS		Χ											TIME			AFTER								
BD										PR			ΓER					1 OCT								
										1 C	CT	1 (CT							l						
					INITIA																					
EMARKS					REOR	DEK																				
e HC-130 Recan paltform has not yet been selected. The delivery schedule sl	hown is notice	nal																								

P-1 Shopping List Item No. 9a

Production Schedule Exhibit P-21, page 4 of 4

Exhibit P-40, Budget Item Jus	stification			Date: February 2007								
Appropriation (Treasury) Code/CC/B	A/BSA/Item Co	ontrol Number						P-1 Line Iter	m Nomenclatu	re		
Aircraft Procurement, A	HC-130Recap Advance Procurment											
Program Element for Code B Item	s:		HC-130 Rec MC-130 Rec	ap RDT&E: cap APAF: F								
	ID Code	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Comp	Total
Proc Qty	A	0										0
Cost (\$ M)		0.000										0.000
Advance Proc Cost (\$ M)		0.000			9.990	40.000	43.680	47.699	52.087	56.879		250.335
Weapon System Cost (\$ M)		0.000	0.000	0.000	9.990	40.000	43.680	47.699	52.087	56.879	0.000	250.335
Initial Spares (\$ M)		0.000										0.000
Total Proc Cost (\$ M)		0.000	0.000	0.000	9.990	40.000	43.680	47.699	52.087	56.879	0.000	250.335
Flyaway Unit Cost (\$ M)												
Wpn Sys Unit Cost (\$ M)												

Description

The HC-130 Recap Program will augment and recapitalize the aging USAF fleet of Combat Rescue Tanker (CRT) aircraft which is experiencing airworthiness, maintainability and operational limitations. The low density / high demand CRT fleet consists of several C-130 variants--37 aircraft in all--in Active Duty, Air Force Reserve and Air National Guard squadrons. The Analysis of Alternatives (AoA), completed in FY06, recommended procurement of 78 modified, medium-transport aircraft as the best solution to fill the capability gap. The replacement platform has not yet been selected, but the AoA identified the C-130J and A-400M as available candidates. The acquisition program is being structured based on the AoA recommended solution. The FY 2008 President's Budget requests RDT&E and Advance Procurement funds to begin the program. This is a New Start request.

APAF funds for MC-130 Recap are in Program Element 0207230F. The HC/MC-130 Recap Capabilities Development Document (ECD 3Q FY07) will define requirements for the recapitalization of the the HC-130P/N and MC-130E/P. Air Force will fund MC-130 Recap to the extent requirements are common with HC-130 Recap. USSOCOM will fund SOF-peculiar development and procurement requirements.

FY 2008 Program Justification

The FY 2008 PB provides advance procurement for long lead items for two aircraft to be procured in FY09.

FY 2009 Program Justification

FY 2009 funds will provide advance procurement for long lead items for four aircraft to be procured in FY10.

P-1 Shopping List Item No. 10

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

P-1 Line Item Nomenclature	Exhibit P-10 p.1, Advance	e Procureme	ent Require	ments Anal	vsis		ASSIFIED				Date:	February 2	007				
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number Air Force, Budget Activity 02, Airlift Aircraft, Item No. 10 P-1 Line Item Nomenclature HC-130Recap Advance Procurement HC-130Recap Advance		• • • • • • • • • • • • • • • • • • • •			, c												
Veapon System HC-130Recap AP First System Award Date First System Completion Date HC-130Recap AP First System Award Date First System Completion Date HC-130Recap AP First System Award Date First System Completion Date HC-130Recap AP First System Award Date First System Completion Date First System Completion Date First System Award Date First System Completion Date First System Completed Date First System Completion Date First System Completed Date First System Complet Date First System Completed Date First System Completed Dat		CC/BA/BSA/Ite	m Control Num	nber					P	-1 Line Item N	lomenclature						
First System Award Date First System Completion Date	Aircraft Procuremer	it, Air Ford	ce, Budge	t Activity	, 02, Airli	ft Aircraf	t, Item No	o. 10	H	IC-130Re	-130Recap Advance Procurment						
HC-130Recap AP	Weapon System						•										
Description	HC-130Recap AP					/ Φ :	A 4:Ui o m o \										
End Item Qty	Description	PI.T	When Rad	Prior Years	FY 2006			FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Comp	Total			
CFE 9.990 40.000 43.680 47.699 52.087 56.879 2 GFE		1111	Wilch Rqu	THOI I Cars	1 1 2000	1 1 2007	1 1 2000							18			
CFE	Life from Qij												100				
CFE																	
EOQ Design Term Liability TOTAL AP Description The Advance Procurement CFE funding will enable the prime contractor to authorize and place on order materials, equipment suppliers and subcontractors with sufficient lead time to							9.990	40.000	43.680	47.699	52.087	56.879		250.335			
Design Term Liability TOTAL AP TOTAL AP Total Company of the Advance Procurement CFE funding will enable the prime contractor to authorize and place on order materials, equipment suppliers and subcontractors with sufficient lead time to	GFE													0.000			
Design Term Liability TOTAL AP TOTAL AP Total Company of the Advance Procurement CFE funding will enable the prime contractor to authorize and place on order materials, equipment suppliers and subcontractors with sufficient lead time to	E00			1										0.000			
TOTAL AP 0.000 0.000 0.000 9.990 40.000 43.680 47.699 52.087 56.879 0.000 2 Pescription The Advance Procurement CFE funding will enable the prime contractor to authorize and place on order materials, equipment suppliers and subcontractors with sufficient lead time to			+											0.000			
TOTAL AP 0.000 0.000 0.000 9.990 40.000 43.680 47.699 52.087 56.879 0.000 2 Pescription The Advance Procurement CFE funding will enable the prime contractor to authorize and place on order materials, equipment suppliers and subcontractors with sufficient lead time to			+											0.000			
Description The Advance Procurement CFE funding will enable the prime contractor to authorize and place on order materials, equipment suppliers and subcontractors with sufficient lead time to	Term Liability		+											0.000			
Description The Advance Procurement CFE funding will enable the prime contractor to authorize and place on order materials, equipment suppliers and subcontractors with sufficient lead time to support the planned delivery schedule.	TOTAL AP		+	0.000	0.000	0.000	9.990	40.000	43.680	47.699	52.087	56.879	0.000	250.335			
The Advance Procurement CFE funding will enable the prime contractor to authorize and place on order materials, equipment suppliers and subcontractors with sufficient lead time to	Description										-						
	<u> </u>	FE funding wi	Il enable the t	orime contrac	tor to author	ize and place	on order ma	aterials, equi	nment suppl	iers and subc	ontractors w	ith sufficient	t lead time to				
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P-1 Shopping List Item No. 10

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

					U'	NCLAS:	SIFIED										
Exhibit P-10 p.2, Adv (Page 2 - Budget Jus	stification)	-		alysis							[Date: Febr	uary 200	7			
Appropriation (Treasury) C	Code/CC/BA/BSA/Ite	em Control N	Jumber							P-1 Line Ite	em Nomenc	lature					
Aircraft Procurer				ity 02, /	Airlift Ai	rcraft, If	tem No	. 10		HC-130Recap Advance Procurment							
Weapon System	·	-				·											
HC-130Recap AP																	
						ГОА, \$ in N	Millions)										
					2006	2006		2007	2007		2008	2008		2009	2009		
					Contract	-	<u> </u>		<u>Total</u>		Contract	Total		Contract	<u>Total</u>		
	D	27.4		<u>2006</u>	Forecast		<u>2007</u>		Cost	<u>2008</u>	Forecast	Cost	<u>2009</u>	Forecast	Cost		
<u>Description</u>	<u>PLT</u>	<u>QPA</u>	<u>Unit Cost</u>	<u>QTY</u>	<u>Date</u>	Request	<u>QTY</u>	<u>Date</u>	Request	<u>QTY</u>	<u>Date</u>	Request	<u>QTY</u>	<u>Date</u>	Request		
End Item							<u></u>		<u> </u>				<u></u>				
CFE							Τ		T			9.990			40.000		
GFE		+	+	+	+	+	 	+	-	+	+	7.770	 	+	70.000		
GLE																	
EOQ			\top		1		T	<u> </u>			T						
Design			†			†							†				
Term Liability		<u> </u>	†		†		<u> </u>	1	<u> </u>	<u></u>	1	<u> </u>		<u> </u>			
TOTAL AP						0.000			0.000			9.990			40.000		
<u>Description</u>																	
The Advance Procureme		ill enable th	ie prime cont	ractor to a	authorize an	d place on	order mat	erials, equip	pment supp	oliers and s	subcontract	tors with su	ıfficient le	ad time to			
support the planned deliv	very schedule.																
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P-1 Shopping List Item No. 10

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								Dat	e: February	2007	
Appropriation (Treasury) Code/CC/	BA/BSA/Item C	ontrol Number						P-1 Line Ite	m Nomenclatu	ire		
Aircraft Procurement,	Air Force,	Budget Act	tivity 02,	Airlift Air	craft, Iten	า No. 10a		KC-135	REPLAC	EMENT A	IRCRAF	т
	·	_			·			ADVAN	CE PROC	UREMEN	ΝT	
Program Element for Code B Iter	ms:	N/A			Other Relate	ed Program E	Elements:		N/A			
	ID Code	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Comp	Total
Proc Qty	A						7	13	14	14		48
Cost (\$ M)												0.000
Advance Proc Cost (\$ M)						61.660	172.820	147.459	148.063	152.560		682.562
Weapon System Cost (\$ M)		0.000	0.000	0.000	0.000	61.660	172.820	147.459	148.063	152.560	0.000	682.562
Initial Spares (\$ M)												0.000
Total Proc Cost (\$ M)		0.000	0.000	0.000	0.000	61.660	172.820	147.459	148.063	152.560	0.000	682.562
Flyaway Unit Cost (\$ M)												
Wpn Sys Unit Cost (\$ M)												

Description

The Air Force considered data in the Analysis of Alternatives (AoA) for KC-135 Recapitalization, industry responses to a Request for Information and two draft Request for Proposals, and is pursuing a strategy of full and open competition to select a commercial derivative replacement tanker aircraft. The Air Force needs to replace its aging KC-135 tankers (average age 45 years). This initial increment, known as KC-X, will replace roughly one-third of the current capability. The KC-X will be able to provide fuel to joint and coalition receivers via a boom or drogue system on every mission and will also augment the airlift fleet with cargo, passenger and medical evacuation capabilities.

The KC-X will be able to operate in day/night and adverse weather conditions to enable deployment, employment, sustainment and reployment of U.S. joint, allied and coalition forces. The KC-X will have navigation and communication equipment for world-wide operations; will have the capability for performing missions in chemical and biological environments; and will have the capability to operate in low to medium threat areas and near-high threat areas with self-defense/protection (both active and passive) capabilities and necessary battle space awareness to mitigate threats.

The KC-X development effort will also procure the necessary ground and flight test assets to support developmental/operational test. In part due to the 7-month pause, the Air Force restructured the KC-X program to procure up to four RDT&E aircraft that will accelerate testing and certification.

FY 2008 Program Justification

while to An Durdmet team treatification

The KC-X development effort will focus on design activities supporting the KC-X integrated baseline review and systems readiness review. Additionally, integrated test planning and logistics support and training planning activities will begin.

FY 2009 Program Justification

The KC-X development effort will continue with focus on design and planning activities to support preliminary and critical design reviews, begin ground tests, and decision activities for training devices and source of repair. FY09 advanced procurement funds long lead items for seven aircraft that are fully funded in FY10. These seven aircraft will deliver in FY12

P-1 Shopping List Item No. 10a

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

					UNCL	ASSILIE	,						
Exhibit P-10 p.1, Advance (Page 1 - Funding)	e Procureme	ent Requirer	nents Anal	ysis						Date:	February 2	007	
Appropriation (Treasury) Code/0	CC/BA/BSA/Ite	m Control Num	ber					F	P-1 Line Item I	Nomenclature			
Aircraft Procuremen	t, Air Ford	ce, Budge	t Activity	02, Airli	ft Aircraf	ft, Item N	o. 10a		KC-135 R ADVANCI				
Weapon System						First System		-		First System	Completion D		
KC135R_AP					(4)		Aug	_I -07			Sep	<u>-10</u>	
Description	DIT	W/l D 1	D.: V	EV 2006		Millions)	EV 2000	EV 2010	EV 2011	EV 2012	EV 2012	Т- С	T-4-1
<u>Description</u>	<u>PLT</u>	wnen Rqa	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Comp	<u>Total</u>
End Item Qty								7	13	14	14		48
CFE													0.000
GFE						0.000	61.660	172.820	147.459	148.063	152.560		682.562
F00			I I			ı			ı	ı			0.000
EOQ													0.000
Design													0.000
Term Liability													0.000
													0.000
TOTAL AP			0.000	0.000	0.000	0.000	61.660	172.820	147.459	148.063	152.560	0.000	682.562
Description													
Dollars described above are 3	010 BP10 adv	vance procurer	nent (AP) do	llars. For F	Y09 and out,	, procuremen	t profile requ	iires approx	imately 5% i	n advance pr	ocurement lo	ong lead items	3
3 years prior to aircraft delive	ery.												
·													

P-1 Shopping List Item No. 10a

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

					U	NCLAS	SIFIED								
Exhibit P-10 p.2, Adv (Page 2 - Budget Jus	stification)	•		alysis							[Date: Febr	uary 200	7	
Appropriation (Treasury) C	Code/CC/BA/BSA/Ite	em Control N	Jumber							P-1 Line Ite	em Nomenc	lature			
Aircraft Procurer	nent, Air For	ce, Bud	get Activi	ity 02, /	Airlift Ai	rcraft, If	tem No	. 10a		KC-135	REPLA	ACEMEN	NT AIR	CRAFT	
										<u>ADVAN</u>	ICE PRO	OCURE	MENT_		
Weapon System															
KC135R_AP															
						ΓΟΑ, \$ in N	<u> Millions)</u>			•					
					2006	2006		2007	2007		2008	2008		2009	<u>2009</u>
					Contract	- 1		Contract			Contract	<u>Total</u>		Contract	
				2006	<u>Forecast</u>		<u>2007</u>		Cost	2008		Cost	2009	Forecast	
<u>Description</u>	<u>PLT</u>	<u>QPA</u>	<u>Unit Cost</u>	QTY	<u>Date</u>	Request	<u>QTY</u>	<u>Date</u>	Request	<u>QTY</u>	<u>Date</u>	Request	<u>QTY</u>	<u>Date</u>	Request
End Item															
								1		1					0.000
CFE				<u> </u>		0.000			0.000		1	0.000			0.000
GFE						0.000			0.000			0.000			61.660
F00							т—	ı	1	1	T				-
EOQ		 		 			<u> </u>				<u> </u>		_		
Design		 		 		 	<u> </u>				ļ	ļ		-	
Term Liability		<u> </u>		<u> </u>		<u> </u>	<u> </u>				<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
В		 		 		0.000	<u> </u>		2.000		-	0.000	<u> </u>	<u> </u>	(1,600
TOTAL AP				<u></u>		0.000			0.000			0.000	<u></u>		61.660
Description															
Dollars described above	are 3010 BP10 ad	vance proc	urement (AP)	dollars.	For FY09 ar	nd out, pro	curement	profile requ	ires appro	ximately 5	% in advan	ice procure	ement for 1	ong lead	
items 3 years prior to air		•	, .				•		**	•				C	
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P-1 Shopping List Item No. 10a

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	e: February	2007	
Appropriation (Treasury) Code/CC/BA	/BSA/Item Co	ntrol Number						P-1 Line Iter	n Nomenclatu	re		
Aircraft Procurement, Ai	r Force,	Budget Ac	tivity 02,	Airlift Air	craft, Iten	า No. 10b		JOINT C	ARGO A	IRCRAFT		
Program Element for Code B Items	:	N/A			Other Relate	ed Program E	lements:		N/A			
	ID Code	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Comp	Total
Proc Qty	A						8	12	18	18		56
Total Proc Cost (\$ M)			0.000	0.000	0.000	24.678	472.319	628.405	961.050	980.325		3066.777

Description

The Joint Cargo Aircraft (JCA) is an Army/Air Force aircraft program. It procures a commercial derivative aircraft that meets the Army's immediate needs and implements a RDT&E program to integrate, test, and install additional equipment packages required to meet Air Force mission requirements. In early FY08 the Air Force will complete its requirements analysis and will begin the development program to support Air Force unique JCA mission requirements. The Army's plan is to procure its first aircraft in 2007. Initial USAF procurement is planned for FY10.

Note: The FY07PB is APAF, BP10: Per USAF request, the FY07 appropriations bill reprogrammed the FY07 funds to RDT&E.

FY10 & Out: Final AF JCA requirements and procurement quantities are still being defined. These requirements will be validated by FY08. The AF intends to transfer a portion of APAF funds to RDT&E in the FY10 POM to support any resulting aircraft, training system, test, and support system development requirements.

FY 2008 Program Justification

Change from FY07 PB Documentation: FY08 APAF BP10 funding reprogrammed to RDT&E.

FY 2009 Program Justification

Change from FY07 PB Documentation: \$74.433M of FY09 APAF BP10 funding reprogrammed to RDT&E.

Remaining FY09 APAF BP10 funding is required to procure Technical Data, Data Licenses to support Depot Level organic maintenance capability, and conversion of O-Level maintenance data to Interactive Electronic Technical Manual sets (IETM).

P-1 Shopping List Item No. 10b

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

Exhibit P-5, Weapon System Cost Analysis										Date: Fe	bruary 20	07	
Appropriation (Treasury) Code/CC/BA/BSA/Item Conf								P-1 Lin	e Item Nomen	clature			
Aircraft Procurement, Air Force, B	udget A	ctivity	02, Airlif	t Aircra	ft, Item	No. 10b		JOIN	T CARGO	O AIRC	RAFT		
Manufacturer's Name/Plant City/State Location				Subline Ite	em								
•													
Weapon System	Ident					Total	Cost in M	illions of I	Dollars				
Cost Elements	Code		FY 2006			FY 2007			FY 2008			FY 2009	
				Total			Total			Total			Total
		Qty	Unit Cost	Cost	Qty	Unit Cost	Cost	Qty	Unit Cost	Cost	Qty	Unit Cost	Cost
Airframe		-			-								
Avionics													
Armament													
Software													
Other Government Furnished Equipment (GFE)													
Engineering Change Orders (ECO)													
Nonrecurring Costs													
Other Costs													
FLYAWAY COST SUBTOTAL													
ICS													
Initial Supply Support													
Airframe Peculiar Ground Support Equipment													
(PGSE)													
Engine PGSE													
Peculiar Training Equipment													
Publications/Technical Data/Data Licenses													24.678
ECOs													
Other													
SUPPORT COST SUBTOTAL													
TOTAL PROGRAM													24.678
Comments													
For FY07: The FY07PB is APAF, BP10: Per US	AF request	, the FY0	7 appropriati	ons bill rep	rogramm	ed the FY07	funds to R	DT&E.					
For FY08: FY08 APAF BP 10 funding was repro	grammed to	o RDT&E	Ξ.										
For FY09: \$74.433M of APAF BP10 funding repr	-			-		_	-	-	echnical Data	a, Data Lic	enses to s	upport Depot	
Level organic maintenance capability, and conver													
For FY10 & Out: Final AF JCA requirements and										AF intend	ls to transf	er a portion	
of APAF funds to RDT&E in the FY10 POM to s	upport any	resulting	aircraft, train	ing system	, test, and	support syste	em develop	oment requ	irements.				
			P-1 Shor	pping List	tem No	10h				Waan	on Syste	m Cost Ana	alveie
				Ping Liot		. 55				Heap	•	t P-5, page	-

Exhibit P-5A, Procurement His	tory ar	nd Planning	1		ONOLA	0011 122		1	Dat	e: Februar	y 2007	
Appropriation (Treasury) Code/CC/BA/	-	_						P-1 Line It	em Nomenclati	ıre	<u>-</u>	
Aircraft Procurement, Air	r Ford	e, Budge	t Activity	02, Airlift	Aircraft,	Item No.	10b	JOINT	CARGO A	IRCRAF	·Τ	
Weapon System					Subline Iter	m						
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?
TBD	TBD	TBD	Huntsville AL	Mar-06	C	Army	TBD					
Remarks												
				P-1 Shop	ping List Ite	m No. 10b			Proc	curement l	History and	Planning

Exhibit P-5A, page 3 of 4

Exhibit P-21, Production	n Sched	ule																			D	ate:	Febr	uary	2007				
Appropriation (Treasury) Code	e/CC/BA/E	SSA/Item C	Control Nu	ımber													Р	-1 Lin	e Iten	n Non	nencla	ature							
Aircraft Procureme	nt, Air	Force,	Budg	et Acti	ivity	, 02,	Air	lift /	Airc	raft	, Ite	m N	lo. ′	10b			J	OIN	IT C	AR	GO	AIR	CR	AFT	ı				
	S			BALANCE					F	ISCAL	YEAR										F		YEAR						L
	E	PROC.	PRIOR	DUE		0						CA	LEND	AR YE	AR 1								CALE	NDAR Y	EAR 2	2			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
	V		0	0	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	8	0	8																									8
2011	USAF	12	0	12																									12
2012	USAF	18	0	18	:																								18
TOTAL				0	1																								0
					0	N O	D	J	F E	M	A	M	J	J	A U	S E	0	N O	D E	J	F	M	A	M	J	J	A	S	
					T	V	C	N	В	R	R	Ŷ	N	L	G	P	T	V	C	N	В	R	R	Ŷ	N	L	G	P	
				PRODUCT	ION R	ATES							PRC	CURE	MENT	LEAD :	TIME												
				MIN	SHIF	Т	M							AD	MIN														
				SUST	HOU	RS	Α							LEAD	TIME			MFG			TOTAL	_							
ITEM/MANUFACTURER'S NAME		LOCATION			DAYS	3	Х											TIME			AFTER	₹							
TBD								1					PR	IOR	AF1	ΓER	1	IIIVIE			1 OCT								
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								INITIA	\L																				
								REOR	RDER																				
REMARKS																													

P-1 Shopping List Item No. 10b

Production Schedule Exhibit P-21, page 4 of 4

Exhibit P-40, Budget Item Jus	stification								Date	e: February	2007	
Appropriation (Treasury) Code/CC/B	A/BSA/Item Co	ontrol Number						P-1 Line Iter	m Nomenclatu	re		
Aircraft Procurement, A	ir Force,	Budget Act	tivity 02,	Airlift Air	craft, Iten	n No. 10c		MC-130	Recap			
		N/A							HC-130Reca	ap, RDT&E:	64261F	
Program Element for Code B Item	is:				Other Relate	ed Program E	lements:		HC-130Reca	ap, APAF: 2	7224F	
									MC-130Rec	ap, DoD-Wio	le: 11604291	BB
	ID Code	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Comp	Total
Proc Qty	A					4	4	4	4	4	TBD	TBD
Cost (\$ M)						346.115	293.136	295.118	261.223	291.741	TBD	TBD
Advance Proc Cost (\$ M)					65.742	40.000	43.680	47.699	52.087	56.879	TBD	TBD
Weapon System Cost (\$ M)		0.000	0.000	0.000	65.742	386.115	336.816	342.817	313.310	348.620	TBD	TBD
Initial Spares (\$ M)											TBD	TBD
Total Proc Cost (\$ M)		0.000	0.000	0.000	65.742	386.115	336.816	342.817	313.310	348.620	TBD	TBD
Flyaway Unit Cost (\$ M)						TBD						
Wpn Sys Unit Cost (\$ M)						TBD						

Description

The MC-130 Recap Program will begin to recapitalize the aging USAF fleet of Special Operations Forces (SOF) Tanker aircraft which is experiencing airworthiness, maintainability and operational limitations. The low density / high demand MC-130E/P fleet consists of 37 aircraft in Active Duty and Air Force Reserve squadrons. The Analysis of Alternatives (AoA), completed in Nov 2006, recommended procurement of 37 modified, medium-transport aircraft as the best solution to begin to fill the capability gap. The replacement platform has not yet been selected, but the AoA identified the C-130J and A-400M as available candidates. The acquisition program is being structured based on the AoA recommended solution. The FY 2008 President's Budget requests Advance Procurement funds to begin the program. This is a New Start request.

APAF funds for HC-130 Recap are in Program Element 0207224F and RDT&E funds are in PE 6040261F. The HC/MC-130 Recap Capabilities Development Document (ECD 3Q FY07) will define requirements for the recapitalization of the HC-130P/N and MC-130E/P. Air Force will fund MC-130 Recap to the extent requirements are common with HC-130 Recap. USSOCOM will fund SOF-peculiar development and procurement requirements.

FY 2008 Program Justification

The FY 2008 PB provides advance procurement for four aircraft to be procured in FY09.

FY 2009 Program Justification

FY 2009 funds will procure four aircraft, support elements, and advance procurement for four aircraft to be procured in FY10.

P-1 Shopping List Item No. 10c

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

Exhibit P-5, Weapon System Cost Analys	is									Date: Feb	ruary 200)7	
Appropriation (Treasury) Code/CC/BA/BSA/Item Col								P-1 Lin€	e Item Nomer	nclature			
Aircraft Procurement, Air Force, E	3udget A	ctivity	02, Airlif	it Aircra	ft, Item	No. 10c		MC-1	30 Recap	p			
Manufacturer's Name/Plant City/State Location				Subline Ite	em								
TBD													
Weapon System	Ident			4		Total	Cost in M	illions of D	Oollars				
Cost Elements	Code		FY 2006		1	FY 2007			FY 2008		 I	FY 2009	
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
Airframe/Engines/Accessories	+	Ψ.,	- Cint Cost		~~ <i>y</i>	Omit Coal		4. 7	Cint Coal		4		336.700
Avionics	+		+	†	+	+ +		+	+ +		<u> </u>	†	
Armament	+		+	 	+	+		-	+				
Software	+		+	†	†	+					 		
Government Furnished Equipment (GFE)	+		+		†								44.500
Engineering Change Orders (ECO)	+				1								
Nonrecurring Costs	+			†	†	+ +							13.857
Other Costs	+			†	†	+ +							
FLYAWAY COST SUBTOTAL	+			†	†	+ +							395.057
Peculiar Ground Support Equipment (PGSE)	1												
Peculiar Training Equipment	+		1		1	+							9.300
Publications/Technical Data						1							
ECOs	1				1								
ICS	1				1						 I		3.100
ISS													4.400
Data					1								
Post-Delivery Support													
Other				T	<u></u>			<u></u>					
SUPPORT COST SUBTOTAL													16.800
Gross P-1 Cost					T								411.857
Advance Procurement (Credit)													-65.742
Net P-1 Cost					T								346.115
Advance Procurement										65.742			40.000
TOTAL PROGRAM										65.742			386.115
Comments													
			D 4 Ob -	and and that	Itaaa Nia	40-				10/	- 0 - 1	- O (A -	
			P-1 Snor	pping List I	item ino.	10C				weapo	on Syster	m Cost An P-5, page	alysis

Exhibit P-5A, Procurement Hist Appropriation (Treasury) Code/CC/BA/B Aircraft Procurement, Air Weapon System MC-130 Recap WBS Cost Elements	BSA/Iter	m Control Num	nber	02, Airlift	Subline Iter		10c		em Nomenclatu D Recap	e: Februar		
Aircraft Procurement, Air Weapon System MC-130 Recap				02, Airlift			10c					
Weapon System MC-130 Recap									<u>-</u>			
MC-130 Recap					-							
WBS Cost Elements												
	Qty		Location of PCO	RFP Issue Date	Contract Method	Contract Type	Contractor and	Location		Date of First Delivery	Specs Available Now?	Date Revision Available?
Aircraft Procurement (FY09)		TBD	WPAFB		TBD	TBD	TBD					
<u>Remarks</u>												
(e.g. C-130J, A-400M).												

P-1 Shopping List Item No. 10c

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

Exh	nibit P-21, Productio	n Sched	ule																			Di	ate: l	ebru	uary :	2007				
Арр	ropriation (Treasury) Cod	e/CC/BA/E	BSA/Item (Control Nu	umber													Р	-1 Lin	e Iten	n Nom	nencla	ture							
Air	craft Procureme	nt, Air	Force	, Budg	et Acti	vity	02,	Air	lift /	Airc	raft	, Ite	m N	lo. 1	IOc			N	IC-1	30	Rec	ар								
		S			BALANCE					F	ISCAL	YEAR										F		YEAR						L
		E	PROC.	PRIOR	DUE		0						CA	LENDA	AR YEA	AR 1								CALEN	IDAR Y	EAR 2				A
	PROCUREMENT YEAR	R	QTY	TO	AS OF	0	N	Б	J	F	M	A	M	J	J	A	S	O	N	Б	J	F	M	A	M	J	J	A	S	T
		V		1 OCT	1 OCT	C	V	E	A	E B	A	P	A	U	U	C	E	C	0	E	A N	E	A	Р	A	U	U	U	E	E
	2009	USAF	1	0	1 1	1	v	C	IN	ь	K	K	1	IN	L	G	Р	1	v	C	IN	ь	K	K	1	IN	L	G	Р	K /
TOT		USAI		0	0																									0
1017			1		Ü	Ω	N	D	J	F	М	Α	М	J	J	Α	S	Ω	N	D	J.J	F	М	Α	М	J	.J	Α	S	Ü
						Č	0	Ē	Ä	Ē	A	P	Α	ŭ	ŭ	Ü	Ĕ	Č	0	Ē	Ă	Ē	A	P	A	ŭ	Ŭ	Ü	Ē	
						T	V	C	N	В	R	R	Y	Ň	Ĺ	Ğ	P	T	V	C	N	В	R	R	Y	N	Ĺ	Ğ	P	
					PRODUCT	ION R	ATES							PRO	CURE	MENT	LEAD	TIME												
					MIN	SHIF	Γ	M							AD	MIN														
					SUST	HOU	RS	Α							LEAD	TIME			MFG		·	TOTAL								
ITEM	/MANUFACTURER'S NAME		LOCATION	٧		DAYS	3	Х											TIME			AFTER								
TBD															IOR		TER		111VIL			1 OCT								
														1 C	CT	10	OCT													
									INITIA																					
									REOR	RDER																				
	ARKS																													
The N	4C-130 Recap paltform has not ve	t been selecte	d The deliv	erv schedule	shown is notic	onal.																								

P-1 Shopping List Item No. 10c

Production Schedule Exhibit P-21, page 4 of 4

Exhibit P-40, Budget Item Jus	stification								Date	e: February	2007	
Appropriation (Treasury) Code/CC/B	A/BSA/Item Co	ontrol Number						P-1 Line Iter	m Nomenclatu	re		
Aircraft Procurement, A	ir Force,	Budget Act	tivity 02,	Airlift Air	craft, Iten	n No. 11		MC-130	Recap A	P		
		N/A							HC-130Reca	ap, RDT&E:	64261F	
Program Element for Code B Item	s:				Other Relate	ed Program E	lements:		HC-130Reca	ap, APAF: 2	7224F	
									MC-130Rec	ap, DoD-Wio	le: 11604291	BB
	ID Code	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Comp	Total
Proc Qty	A											0
Cost (\$ M)												0.000
Advance Proc Cost (\$ M)					65.742	40.000	43.680	47.699	52.087	56.879		306.087
Weapon System Cost (\$ M)		0.000	0.000	0.000	65.742	40.000	43.680	47.699	52.087	56.879	0.000	306.087
Initial Spares (\$ M)												0.000
Total Proc Cost (\$ M)		0.000	0.000	0.000	65.742	40.000	43.680	47.699	52.087	56.879	0.000	306.087
Flyaway Unit Cost (\$ M)						TBD						
Wpn Sys Unit Cost (\$ M)						TBD						

Description

The MC-130 Recap Program will begin to recapitalize the aging USAF fleet of Special Operations Forces (SOF) Tanker aircraft which is experiencing airworthiness, maintainability and operational limitations. The low density / high demand MC-130E/P fleet consists of 37 aircraft in Active Duty and Air Force Reserve squadrons. The Analysis of Alternatives (AoA), completed in Nov 2006, recommended procurement of 37 modified, medium-transport aircraft as the best solution to begin to fill the capability gap. The replacement platform has not yet been selected, but the AoA identified the C-130J and A-400M as available candidates. The acquisition program is being structured based on the AoA recommended solution. The FY 2008 President's Budget requests Advance Procurement funds to begin the program. This is a New Start request.

APAF funds for HC-130 Recap are in Program Element 0207224F and RDT&E funds are in PE 6040261F. The HC/MC-130 Recap Capabilities Development Document (ECD 3Q FY07) will define requirements for the recapitalization of the HC-130P/N and MC-130E/P. Air Force will fund MC-130 Recap to the extent requirements are common with HC-130 Recap. USSOCOM will fund SOF-peculiar development and procurement requirements.

FY 2008 Program Justification

The FY 2008 PB provides advance procurement for four aircraft to be procured in FY09.

FY 2009 Program Justification

FY 2009 funds will provide advance procurement for four aircraft to be procured in FY10.

P-1 Shopping List Item No. 11

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

					UNCL	ASSIFIE)						
Exhibit P-10 p.1, Advance (Page 1 - Funding)	e Procureme	ent Require	ments Anal	ysis						Date:	February 2	007	
Appropriation (Treasury) Code/	CC/BA/BSA/Ite	m Control Nun	nber					F	P-1 Line Item N	Nomenclature	<u> </u>		
Aircraft Procuremen				, 02, Airli	ft Aircraf	it, Item N	o. 11	l l	MC-130 R	ecap AP			
Weapon System						First System	Award Date			First System	Completion D	Date	
MC-130 Recap AP					(¢ ir	Millions)							
Description	PLT	When Rad	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Comp	Total
End Item Qty	 						4	4	+			TBD	20
			.1					<u> </u>		1		L	
CEE				T		65.540	40.000	12 606	47.600	52.005	56.050		204.007
CFE						65.742	40.000	43.680	47.699	52.087	56.879		306.087
GFE								<u> </u>					0.000
EOQ		1	T	T '									0.000
Design		+							+				0.000
Term Liability		+	+						+				0.000
1 cm Ziucino,	_	+	+						+				0.000
TOTAL AP			0.000	0.000	0.000	65.742	40.000	43.680	47.699	52.087	56.879	0.000	306.087
Description													
The Advance Procurement Coupport the planned delivery	_	ll enable the J	prime contrac	tor to author	rize and place	e on order ma	aterials, equi	pment supp	liers and subo	contractors w	ith sufficient	t lead time to	-
support the planned derivery	scricdure.												

P-1 Shopping List Item No. 11

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

					U	NCLAS	SIFIED								
Exhibit P-10 p.2, Ad (Page 2 - Budget Ju	ıstification)	-		nalysis								Date: Feb	ruary 200	5 7	
Appropriation (Treasury)	Code/CC/BA/BSA/Ite	em Control N	lumber							P-1 Line If	tem Nomenc	lature			
Aircraft Procure	ment, Air For	ce, Bud	get Activi	ity 02,	Airlift Ai	rcraft, If	tem No	. 11		MC-13	0 Recap	AP			
Weapon System															
MC-130 Recap AP				-											
						ΓΟΑ, \$ in N	Aillions)								
					<u>2006</u>	2006		2007	<u>2007</u>		2008	2008		2009	<u>2009</u>
					Contract			Contract	<u>Total</u>		Contract			Contract	<u>Total</u>
				2006	Forecast		2007	Forecast	Cost	2008	Forecast		2009	Forecast	Cost
Description	PLT	<u>QPA</u>	<u>Unit Cost</u>	QTY	<u>Date</u>	Request	<u>QTY</u>	<u>Date</u>	Request	QTY	<u>Date</u>	Request	<u>QTY</u>	<u>Date</u>	Request
End Item						<u></u>	<u></u>		<u></u>			<u></u>			
CEE												65.746	<u>, </u>		40.000
CFE				 		<u> </u>	<u> </u>		 	<u> </u>		65.742	<u> </u>		40.000
GFE				<u></u>											
E00							т —								<u> </u>
EOQ		 		+	+	+		+		 		+	+		+
Design Term Liability		 		 	+		 	+	 	 	+		+		
TOTAL AP		 		+	+	0.000	 	+	0.000	,——		65.742			40.000
TOTAL AP						0.000			0.000	<u>'L</u>		03.742	<u> </u>		40.000
Description															
The Advance Procurem	nent CFE funding w	ill enable th	he prime cont	ractor to	authorize an	d place on	order mat	erials, equi	pment sup	pliers and	subcontract	tors with s	ufficient 1	ead time to	
support the planned del	livery schedule.														

P-1 Shopping List Item No. 11

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

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FY 2008/2009 BUDGET ESTIMATES BUDGET ACTIVITY 03 – TRAINER AIRCRAFT FEBRUARY 2007

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Exhibit P-40, Budget Item Ju	ıstification								Dat	e: February	2007	
Appropriation (Treasury) Code/CC/6	BA/BSA/Item C	ontrol Number						P-1 Line Ite	m Nomenclatu	ıre		
Aircraft Procurement, A	Air Force,	Budget Ac	tivity 03,	Trainer A	ircraft, Ite	em No. 12	2	Joint Pr	•	rcraft Tra	ining Sys	stem
Program Element for Code B Iter	ns:	N/A			Other Relate	ed Program E	lements:		0604233F, 0	0804741F		
	ID Code	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Comp	Total
Proc Qty	A	311	54	48	39						0	452
Cost (\$ M)		1601.762	328.836	304.017	245.889	5.803	1.965	1.829	1.865	1.903	0.000	2493.869
Advance Proc Cost (\$ M)		0.000									0.000	0.000
Weapon System Cost (\$ M)		1601.762	328.836	304.017	245.889	5.803	1.965	1.829	1.865	1.903	0.000	2493.869
Initial Spares (\$ M)		25.837	0.000	0.000	0.000	0.000	0.000	0.000			0.000	25.837
Total Proc Cost (\$ M)		1627.599	328.836	304.017	245.889	5.803	1.965	1.829	1.865	1.903	0.000	2519.706
Flyaway Unit Cost (\$ M)		3.901	5.157	5.254	5.502							4.607
Wpn Sys Unit Cost (\$ M)		5.150	6.090	6.334	6.305							5.517

Description

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

FY 2008 Program Justification

Will procure aircraft, GBTS, and associated support based on availability of the FY 2008 funds. Aircraft will beddown at Laughlin, Vance, Columbus, Randolph, and Sheppard AFBs. Engineering Change Order (ECO) and modification funding will be used to cover planned retrofits and other changes resulting from the flight test program, deficiency report, and air vehicle engineering improvements. GBTS includes two T-6A Operational Flight Trainers in support of Combat System Officer (CSO) training.

FY 2009 Program Justification

Funding has been programmed to procure one T-6A Operational Flight Trainer in support of CSO training.

P-1 Shopping List Item No. 12

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

Exhibit P-5, weapon System Cost An	aıysıs									Date: Feb	ruary 20	107	
Appropriation (Treasury) Code/CC/BA/BSA/Iter Aircraft Procurement, Air Ford			03, Trair	ner Aircr	aft, Iter	n No. 12			•		t Train	ing Syste	em
Manufacturer's Name/Plant City/State Loca	tion			Subline Ite	m								
Raytheon Aircraft Company/Wichita/Kansa	ıs												
Weapon System	Ident			•		Total	Cost in Mil	llions of D	ollars				
Cost Elements	Code		FY 2006			FY 2007			FY 2008			FY 2009	
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
Aircraft	A	54	5.157	278.460	48	5.254	252.188	39	5.502	214.568			
FLYAWAY COST SUBTOTAL				278.460			252.188			214.568			
Advance Procurement	A			0.100			0.100						
Other	A			22.676			26.429			23.921			1.803
SUPPORT COST SUBTOTAL				22.776			26.529			23.921			1.803
Ground Based Training System	A			27.600			25.300			7.400			4.000
TOTAL PROGRAM				328.836			304.017			245.889			5.803
Comments													

"Advance Procurement" was needed for FY2006 and FY2007 to purchase main landing gear door cylinders, which have a 21-month lead time, for the FY2007 and FY2008 lot buys. The requirement for Advance Procurement is driven by the change from a FAR Part 12 (commercial) acquisition to a traditional FAR Part 15 acquisition, effective with the FY2007 lot buy. Approval for \$100 thousand Advance Procurement in FY2006 was obtained through the Congressional new start notification process.

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

P-1 Shopping List Item No. 12

Weapon System Cost Analysis Exhibit P-5, page 2 of 9

Exhibit P-5A, Procurement History and Planning	Date: February 2007
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number	P-1 Line Item Nomenclature
	Joint Primary Aircraft Training System (JPATS)
VV C	

							(JPATS	>)			
Weapon System					Subline Iter	n					
T-6											
WBS Cost Elements	Qty	Unit Cost	Location of PCO	RFP Issue Date	Contract Method	Contract Type	Contractor and Location	Award Date	Date of First Delivery	Specs Available Now?	Date Revision Available?
Air Vehicle FY95	9	6.646	ASC/YT WPAFB OH	May-94	C/FPO	FPIF	Raytheon Aircraft Co Wichita, Kansas	Feb-96	Feb-00	Yes	
Air Vehicle FY96	4	3.431	ASC/YT WPAFB OH	May-94	C/FPO	FPIF	Raytheon Aircraft Co Wichita, Kansas	Sep-96	Jun-00	Yes	
Air Vehicle FY97	11	3.431	ASC/YT WPAFB OH	May-94	C/FPO	FPIF with EPA	Raytheon Aircraft Co Wichita, Kansas	Apr-97	Aug-00	Yes	
Air Vehicle FY98	22	2.959	ASC/YT WPAFB OH	May-94	C/FPO	FPIF with EPA	Raytheon Aircraft Co Wichita, Kansas	Feb-98	Mar-01	Yes	
Air Vehicle FY99	22	2.845	ASC/YT WPAFB OH	May-94	C/FPO	FPIF with EPA	Raytheon Aircraft Co Wichita, Kansas	May-99	Nov-01	Yes	
Air Vehicle FY00	29	2.596	ASC/YT WPAFB OH	May-94	C/FPO	FFP	Raytheon Aircraft Co Wichita, Kansas	Jun-00	Jun-02	Yes	
Air Vehicle FY01	34		ASC/YT WPAFB OH	May-94	C/FPO	FFP	Raytheon Aircraft Co Wichita, Kansas	Feb-01	Mar-03	Yes	
Air Vehicle FY02	40	4.272	ASC/YT WPAFB OH	Jun-01	C/FPO	FFP	Raytheon Aircraft Co Wichita, Kansas	Dec-01	Mar-04	Yes	
Air Vehicle FY03	35	4.596	ASC/YT WPAFB OH	Jun-01	C/FPO	FFP	Raytheon Aircraft Co Wichita, Kansas	Nov-02	Nov-04	Yes	
Air Vehicle FY04	52	4.630	ASC/YT WPAFB OH	Jun-01	C/FPO	FFP	Raytheon Aircraft Co Wichita, Kansas	Feb-04	Jul-05	Yes	
Air Vehicle FY05	53	5.025	ASC/YT WPAFB OH	Jun-01	C/FPO	FFP	Raytheon Aircraft Co Wichita, Kansas	Feb-05	Jul-06	Yes	
Air Vehicle FY06	54	5.157	ASC/YT WPAFB OH	Jun-01	C/FPO	FFP	Raytheon Aircraft Co Wichita, Kansas	Feb-06	Jul-07	Yes	

P-1 Shopping List Item No. 12

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

Appropriation (Treasury) Code/CC/BA Aircraft Procurement, Ai				03, Traine	er Aircraf	t, Item No	. 12		em Nomenclatu rimary Air S)		ining Sys	stem
Weapon System					Subline Iten	n		•	,			
T-6												
										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 I	Location	Award Date	Delivery	Now?	Available?
Air Vehicle FY07	48	5.254	ASC/YT	Mar-06	C/FPO	FFP	Raytheon Aircra	ft Co	May-07	Jun-08	Yes	
			WPAFB OH				Wichita, Kansas					
Air Vehicle FY08	39	5.502	ASC/YT	Mar-06	C/FPO	FFP	Raytheon Aircra	ft Co	Feb-08	Jun-09	Yes	
			WPAFB OH				Wichita, Kansas					

Remarks

Exhibit P-5A, Procurement History and Planning

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

P-1 Shopping List Item No. 12

Procurement History and Planning Exhibit P-5A, page 4 of 9

Date: February 2007

Appropriation (Treasury) C	ode/CC/BA/	BSA/Item (Control No	umber													F	-1 Lin	e Iten	n Nom	nencla	ature							
Aircraft Procuren					ivitv	, na	Tra	ina	r Ai	rcra	ft I	tam	No	12				loin	· Dri	imai	rv, A	ircı	raft	Trai	nin	a 9,	yste	m	
All Clart 1 Toculen	ient, An	10100	, Duag	CL ACL	ıvıty	, 05,	116		. ^.	GIG	, .	tem	1110	. 12							' y <i>-</i>	iii Gi	ait	Ha		y 0,	,310		
																	- ((JPA	TS)										
	S		ACCEP.	BALANCE	l l				FIS	SCAL Y	EAR 2	001									FIS	CAL Y	EAR 2	002					L
	, E	PROC.	PRIOR	DUE		2000						CAL	ENDA	R YEAR	R 2001							C	ALENI	OAR YI	EAR 200	02			Α
PROCUREMENT 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	QII	1 OCT	1 OCT	C	О	E	Α	E	Α	P	Α	U	U	U	E	C	О	E	Α	E	A	P	Α	U	U	U	E	E
			2000	2000	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
1995	USAF	9	9	0)																						↓		0
1996	USAF	4	4	. 0	_																							-	0
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2000	USAF	29		29			ļ			1					ļ		ļ								/	4	2	6	
2001	USAF USAF	34		34			ļ			ļ			-		ļ	-	ļ	-					-		-		₩	igwdapsilon	34 40
2002	USAF	35		35		-				<u> </u>			-			-		-					-				₩	\vdash	35
2003	USAF	52		52					-	1			1										1				+	$\vdash \vdash \vdash$	52
2004	USAF	53		53			1			1					1		1										\vdash	$\vdash \vdash$	53
2006	USAF	54		54																							\vdash	$\vdash \vdash$	54
2007	USAF	48		48	_	1							1					1					1				+	$\vdash \vdash$	48
2008	USAF	39		39									1										1				\vdash	$\vdash \vdash$	39
TOTAL	05.11	452															4	. 5	7	1	2	4	4	1	7	4	2	6	
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				PRODUCT	TION R	ATES							PRC	CURE	MENT	LEAD	TIME												
				MIN	SHIF		M								MIN														
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ITEM/MANUFACTURER'S NAM	E	LOCATION			DAYS	S	Х	_										TIME			AFTEF								
Raytheon		Wichita, KS	S	35	5		84							IOR		TER					1 OCT								
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251112112							<u> </u>	REOR	RDER					0	<u> </u>	5			24			29							
REMARKS																													

All deliveries during Jan-Feb of FY 2003went to the USN.

Exhibit P-21, Production Schedule

Beginning with Lot 11 (FY2004) manufacturing time begins decreasing to approximately 16 months.

P-1 Shopping List Item No. 12

Production Schedule Exhibit P-21, page 5 of 9

Date: February 2007

Exhibit P-21, Production	n Sched	lule																			D	ate: F	ebru	uary 2	2007				
Appropriation (Treasury) Cod	de/CC/BA/E	BSA/Item (Control No	umber													Р	-1 Lin	e Iten	n Nor	nencla	ature							
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Aircraft Procureme	ent, Air	rorce,	, buag	et Acti	vity	US,	116	une	AI	ICIa	it, i	tem	NO	. 12			J	OIII	(PI	IIIIa	ıy P	III CI	ait	Hai	mmá	y Sy	yste	Ш	
																	(,	JPA	TS))									
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	S E	PROC.	PRIOR	DUE		2002						CALI	ENDAF	R YEAF	R 2003							C	ALENE	OAR YE	AR 200)4			Α
PROCUREMENT 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
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2006	USAF	48		48									-	1			1					-					 		48
2008	USAF	39		39									1																39
TOTAL	USAI	452				5	3	0	0	3	0	3	2	3	4	3	3	3	4	2	2	3	5	5	6	6	1	10	287
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				PRODUCT	ION R	ATES							PRC	CURE	MENT	LEAD :	TIME												
				MIN	SHIF	Т	M							AD	MIN														
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ITEM/MANUFACTURER'S NAME		LOCATION	1		DAYS	3	Х											TIME			AFTER	₹							
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								INITIA						0		5			33			38							,
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REMARKS																													
Parts supply issues caused delays in FY	101 Aircraft D	eliveries - Del	nvery period	actually exter	nded mo	ore than	12 mor	iths.																					

P-1 Shopping List Item No. 12

Production Schedule Exhibit P-21, page 6 of 9

xhibit P-21, Productio	n Sched	ule																			D	ate: I	Febru	uary 2	2007				
opropriation (Treasury) Cod Aircraft Procureme					ivity	03,	Tra	ine	r Air	cra	ft, It	tem	No.	. 12			J	1 Line oint JPA	Pri	maı			aft	Trai	ning	g Sy	/ste	m	
	S		ACCEP.	BALANCE					FISC	CAL YI	EAR 20										FIS	CAL Y							Γ
PROCUREMENT YEAR	E R	PROC. QTY	PRIOR TO	AS OF	0	2004 N	D	J	F	M	A	M	J	YEAR J	A	S E	O C	N	D E	J	F	M	ALENI A	M	J	б Ј	A	S	
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2000	USAF	29	OTY																										1
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2004	USAF	52	0	52										2	4	5	5	5	5	5	5	4	4	4	4				۰
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2006	USAF	54	0	54																									
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				PRODUCT	ION R	ATES		· · ·				•	PRO	CUREN	MENT I	LEAD 1	TIME						· `	· ·		_		•	•
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//MANUFACTURER'S NAME		LOCATION	I	SUST	HOUF		A X							LEAD	IIME			MFG			TOTAL AFTER								
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				55									10	_	10														
								INITIA						0		5			33			38							
MARKS								REOR	DEK					0		5			24			29							

P-1 Shopping List Item No. 12

Production Schedule Exhibit P-21, page 7 of 9

Exhibit P-21, Productio	n Sched	ule																			Da	ate: F	-ebru	uary 2	2007				
Appropriation (Treasury) Cod	e/CC/BA/E	SSA/Item C	Control Nu	ımber													P-	-1 Line	e Item	Nom	nencla	ture							
Aircraft Procureme	ent, Air	Force,	, Budg	et Acti	vity	03,	Tra	ine	r Aiı	rcra	ft, I	em	No	. 12					t Pri TS)		ry A	ircr	aft '	Trai	nin	g Sy	/ste	m	
	S		ACCEP.	BALANCE					FIS	CAL Y	EAR 20	007									FIS	CAL Y	EAR 2	800					L
		PROC.	PRIOR	DUE		2006						CALE	NDAR	YEAR	2007							CA	ALENE	AR YE	AR 200	08			Α
PROCUREMENT YEAR	R V	QTY	TO 1 OCT 2006	AS OF 1 OCT 2006	O C	N O V	D E	J A	F E	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
2002	USAF	40	2006		1	V	C	IN	В	ĸ	K	I	IN	L	G	ľ	1	v	C	N	В	R	R	1	N	L	G	r	K
2003	USAF	35	.0	- v																									_
2004	USAF	52																											
2005	USAF	53			5	5	5	5	5	5	3	3	2																
2006	USAF	54	0	54										5	5	6	6	5	5	5	5	4	4	4					
2007	USAF	48	0	48																					5	5	4	4	3
2008	USAF	39	0	39																									3
TOTAL		321	142	179	5	5	5	5	5	5	3	3	2	5	5	6	6	5	5	5	5	4	4	4	5	5	4	4	ϵ
					0 C T	V O V	ОшС	ZVC	F E B	M A R	A P R	M Y	J U	$\sqcap \subset \subseteq$	A U G	ыπ	0 0 T	< 0 Z	ОшС	Z > C	шш	M A R	A P R	M A Y	JUN	7 0 ~	A U G	S E P	
				PRODUCT	ION R	ATES	_					-	PRO	CUREN	MENT L	LEAD 1	IME		-							_		- 1	
ITEM/MANUFACTURER'S NAME		LOCATION	ı	MIN SUST	SHIF HOUF DAYS	RS	M A X							ADN LEAD				MFG			TOTAL AFTER								
Raytheon		Wichita, KS		35		,	84						PRI 1 C	_	AFT 1 O			TIME			1 OCT								
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P-1 Shopping List Item No. 12

Production Schedule Exhibit P-21, page 8 of 9

Exhibit P-21, Productio	n Sched	lule																			D	ate:	Febr	uary	2007	,			
Appropriation (Treasury) Cod																			e Iten										
Aircraft Procureme	ent, Air	Force	, Budg	et Acti	ivity	03,	Tra	aine	r Ai	rcra	ft, I	tem	No	. 12					t Pri .TS)		ry A	Aircı	raft	Tra	inin	g S	yste	m	
	S		ACCEP. PRIOR	BALANCE DUE		2008			FIS	SCAL Y	EAR 2		ENDAR	YEAR	2009						FIS	SCAL Y			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
2004	USAF	52																											
2005	USAF	53																											
2006	USAF	54						<u> </u>																					
2007	USAF	48				4	4	4	4	3	4	3				ļ.,					<u>. </u>		<u> </u>						
2008	USAF	39		39		-		<u> </u>		2		2	4	4	4	4	4	4	4	4	4	2	1	-					₩
TOTAL		246	177	69	_	N 4	4	4	F 4	3	4	3	4	4	4	- 4	- 4	NI A	<u>4</u>	4	F 4	N A	1		+		Λ.	-	
					O C T	0 V	D E C	A N	E B	M A R	P R	M A Y	U N	U	U G	S E P	O C T	N O V	D E C	A N	E B	M A R	P R	M A Y	U N	U	U G	S E P	
				PRODUCT	ION R	ATES							PRO	CURE	MENT	LEAD	ГІМЕ							1					
				MIN SUST	SHIF	RS	M A							AD LEAD	MIN TIME			MFG			TOTAL								
Raytheon Raytheon		Wichita, KS		35	DAYS	5	X 84	-					PR 1 C	IOR OCT	AF	TER OCT		TIME			AFTEF 1 OCT								
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REMARKS		•		1			•																						

P-1 Shopping List Item No. 12

Production Schedule Exhibit P-21, page 9 of 9

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FY 2008/2009 BUDGET ESTIMATES BUDGET ACTIVITY 04 – OTHER AIRCRAFT FEBRUARY 2007

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Exhibit P-40, Budget Item Ju	Date: February 2007													
Appropriation (Treasury) Code/CC/6	P-1 Line Ite	P-1 Line Item Nomenclature												
Aircraft Procurement,	CSAR-X Advance Procurement													
Program Element for Code B Iter	ns:	N/A			Other Relate	ed Program E	lements:	-	0604261F					
	ID Code	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Comp	Total		
Proc Qty	A						10	10	14	17		51		
Cost (\$ M)												0.000		
Advance Proc Cost (\$ M)						65.900	67.100	95.600	119.300	120.004		467.904		
Weapon System Cost (\$ M)		0.000	0.000	0.000	0.000	65.900	67.100	95.600	119.300	120.004	0.000	467.904		
Initial Spares (\$ M)												0.000		
Total Proc Cost (\$ M)		0.000	0.000	0.000	0.000	65.900	67.100	95.600	119.300	120.004	0.000	467.904		
Flyaway Unit Cost (\$ M)														
Wpn Sys Unit Cost (\$ M)														

Description

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

The CSAR-X 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 Combat Search and Rescue (CSAR) and Joint PR missions. On-board weapons and defensive capabilities will permit the CSAR-X 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 aircraft will be self-supporting to the maximum extent practical. The CSAR-X will be capable of operating in all environmental regions of the globe, day or night, during adverse weather conditions, to include passing through Nuclear, Biological, and Chemical (NBC) environments.

On 8 Nov 2006 USD(AT&L) approved the CSAR-X program to enter System Development and Demonstration (SDD). On 9 Nov 2006 the Air Force awarded a contract for SDD of an H-47 variant proposed by Boeing Integrated Defense Systems of Ridley Park, PA.

RDT&E funding through PE 0604261F is required for the CSAR-X SDD. This effort includes but is not limited to non-recurring engineering, test vehicle hardware, software, simulator development, and data. Development of three Block 0 Test Vehicles and the design, integration, testing, and certification of CSAR-X mission components required by the Capability Development Document (CDD) will begin in FY07.

FY 2008 Program Justification

FY 2009 Program Justification

Funding for FY09 advance procurement is needed to support CSAR-X air vehicle procument. At an aggregate level, assets requiring long lead include light alloy castings and forgings, transmission system castings and forgings, structural assemblies, gearbox, and rotor assemblies.

P-1 Shopping List Item No. 12a

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

					UNCL	ASSIFIE)									
Exhibit P-10 p.1, Advanc (Page 1 - Funding)	Date: February 2007															
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number										P-1 Line Item Nomenclature						
Aircraft Procuremer	nt, Air Ford	ce, Budge	t Activity	04, Othe	er Aircraf	ft, Item N	o. 12a		CSAR-X	Advance	Procurer	nent				
Weapon System First System Award Date										First System	Completion [Date				
CSAR-X AP						<u> </u>	Maı	r-09			Aug	_/ -11				
D '.'	DI T	1377 D 1	D : 37	EV 2006		Millions)	EX 2000	EV 2010	EV 2011	EV 2012	EV 2012	T. C.	Tr . 1			
<u>Description</u>	<u>PLT</u>	wnen Rqa	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Comp	<u>Total</u>			
End Item Qty								10	0 10	14	17		51			
CFE							65.900	67.100	95.600	119.300	120.004		467.904			
GFE		1											0.000			
					<u> </u>											
EOQ													0.000			
Design													0.000			
Term Liability													0.000			
													0.000			
TOTAL AP			0.000	0.000	0.000	0.000	65.900	67.100	95.600	119.300	120.004	0.000	467.904			
<u>Description</u>									•							
Dollars reflected above are a	dvanced procu	rement requir	rements for th	ne CSAR-X	helicopter, o	ne year in ad	lvance of full	l funding. A	Assets requiri	ng long lead	include light	alloy castings	S			
and forgings, transmission sy	stem castings	and forgings,	structural ass	semblies, gea	arbox, and ro	tor assembli	es. The FY0	9 advanced	procurement	supports the	acquisition	of 10 CSAR-X	X			
airframes in FY10.	G								•	**	•					

P-1 Shopping List Item No. 12a

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

					U	NCLAS:	SIFIED										
Exhibit P-10 p.2, Advance Procurement Requirements Analysis (Page 2 - Budget Justification)											Date: February 2007						
Appropriation (Treasury) Code/C	P-1 Line It	tem Nomenc	lature														
Aircraft Procurement	i, Air Forc	e, Budç	jet Activi	ty 04,	Other Ai	rcraft, I	tem No	. 12a		CSAR-	X Advar	nce Pro	cureme	∍nt			
Weapon System																	
CSAR-X AP																	
	-					OA, \$ in N	Millions)							<u> </u>			
					2006	2006		2007	2007		2008	2008		2009	2009		
					Contract	<u>Total</u>	 <u>-</u>	Contract	<u>Total</u>		Contract			Contract	<u>Total</u>		
	D	0.71		<u>2006</u>	Forecast		<u>2007</u>	Forecast	Cost	2008	<u>Forecast</u>		<u>2009</u>	Forecast	Cost		
<u>Description</u>	<u>PLT</u>	<u>QPA</u>	<u>Unit Cost</u>	<u>QTY</u>	<u>Date</u>	Request	<u>QTY</u>	<u>Date</u>	Request	<u>QTY</u>	<u>Date</u>	Request	<u>QTY</u>	<u>Date</u>	Request		
End Item			<u> </u>	<u></u>			<u></u>	<u></u>	<u></u>	<u> </u>		<u></u>	<u></u>				
CFE	 		т —			Т		т	т —	т —		т —			65.900		
GFE	-		 	┼		+	 	 	 	 	+	 	 	+	03.900		
UFE						<u> </u>											
EOQ			$\overline{}$	$\overline{\Box}$	$\overline{}$		$\overline{}$	$\overline{}$			$\overline{}$			$\overline{}$			
Design	+		+	+	+	+	+	+	+	+	+	+	+	+	1		
Term Liability	+ +		+	+	+	+	+	+	+	+	+	+	+	+	 		
TOTAL AP	+		1	†		0.000	,†	†	0.000	,	1	0.000	,	†	65.900		
<u>Description</u>																	
Dollars reflected above are adv																	
and forgings, transmission syst	tem castings a	and forging	s, structural a	assembli	es, gearbox,	and rotor a	issemblies.	The FYU9	9 advanced	l procuren	nent suppor	ts the acqu	isition of	10 CSAR-X	(
airframes in FY10.																	
															ļ		
															I		

P-1 Shopping List Item No. 12a

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 Just	Date: February 2007												
Appropriation (Treasury) Code/CC/BA	/BSA/Item Co	P-1 Line Item Nomenclature											
Aircraft Procurement, Ai	CV-22 (Osprey)												
Program Element for Code B Items	:	N/A			Other Related Program Elements:				N/A				
	ID Code	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Comp	Total	
Proc Qty	A	5	2	2	5	6	5	5	5	5	8	48	
Cost (\$ M)		600.907	219.262	207.775	453.797	410.722	393.150	356.469	366.186	360.590	565.688	3934.546	
Advance Proc Cost (\$ M)		35.659	10.384	34.264	41.245	14.266	13.837	13.421	22.669	14.018	7.554	207.317	
Weapon System Cost (\$ M)		636.567	229.646	242.039	495.042	424.988	406.987	369.890	388.855	374.608	573.242	4141.864	
Initial Spares (\$ M)		108.435	32.917	28.342	81.672	52.862	80.315	65.057	61.107	86.245	63.315	660.267	
Total Proc Cost (\$ M)		745.002	262.563	270.381	576.714	477.850	487.302	434.947	449.962	460.853	636.557	4802.131	
Flyaway Unit Cost (\$ M)		78.495	73.222	70.244	67.186	64.026	67.014	66.380	67.839	68.216	69.177	68.753	
Wpn Sys Unit Cost (\$ M)		127.313	114.824	121.020	99.008	70.831	81.397	73.978	77.771	74.922	71.678	86.289	

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 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 and funding the development of all V-22 variants, including the CV-22. The program will procure and field 50 CV-22 aircraft and support equipment. The Air Force funds the procurement of the basic aircraft (V-22 common components) and contractor logistics support for operational testing and Type I training. USSOCOM funds the procurement of SOF systems unique to the CV-22, such as the terrain following radar and electronic warfare suite. The Air Force funds 85 percent of the procurement cost for CV-22 training systems, while USSOCOM funds 15 percent. The Air Force and Navy utilize joint training facilities at MCAS New River, NC to conduct all maintenance, training, and initial V-22 aircrew qualification training. CV-22 SOF-unique aircrew mission qualification training will be conducted at the Special Operations Mission Qualification Schoolhouse at Kirtland AFB, NM.

Note: Two Production Representative Test Vehicles (PRTV) were built using FY02 RDT&E and are included in the total fleet of 50 CV-22s. These two PRTV aircraft were used for operational testing in FY06 and are now training assets at Kirtland AFB.

FY 2008 Program Justification

The FY08 budget will provide funds to procure five CV-22 aircraft for delivery in FY10. This is the first year of a 5-year multi-year procurement (MYP).

The FY08 budget also includes funding for support elements including: Airframe peculiar ground support equipment (PGSE), Engine PGSE, Avionics PGSE, Peculiar Training Equipment, Technical Publications, Production Engineering Support, Common Support Equipment, and Other Integrated logistics Support (ILS). Initial Spares being procured this year will provide initial lay-in spares and Readiness Spares Packages for the 5 aircraft being procured (for Hurlburt Field) as well as three spare engines. These support elements have a lead time of up to 24 months and will be used to support training operations at Kirtland AFB and mission operations at Hurlburt Field and Cannon AFB..

The FY08 budget includes Advanced Procurement funds to purchase long lead items for six CV-22 aircraft to be procured in FY09, and EOQ for the continued MYP.

FY 2009 Program Justification

The FY09 budget will provide funding to procure six CV-22 aircraft under the second year of a 5-year MYP contract for delivery in FY11.

The FY09 budget includes support elements including: Peculiar Training Equipment, Technical Publications, Production Engineering Support, Common Support Equipment, and Other ILS. Initial Spares being procured in FY09 will provide initial lay-in spares and Readiness Spares Packages for the 6 aircraft being procured (for Hurlburt Field) as well as

P-1 Shopping List Item No. 13

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

UNCLASSIFIED	
Exhibit P-40, Budget Item Justification	Date: February 2007
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number	P-1 Line Item Nomenclature
Aircraft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 13	CV-22 (Osprey)
FY 2009 Program Justification Continued	
two spare engines. These support elements have a lead time of up to 24 months and will be used to support training operations at Field and Cannon AFB.	t Kirtland AFB and mission operations at Hurlburt
The FY09 budget includes Advanced Procurement funds to purchase long lead items for five CV-22 aircraft to be procured in FY	710, and EOQ for the continued MYP.
P-1 Shopping List Item No. 13	Budget Item Justification Exhibit P-40, page 2 of 8

Exhibit P-5, Weapon System Cost Analysi	S									Date: Feb	ruary 200)7	
Appropriation (Treasury) Code/CC/BA/BSA/Item Con									Item Nomer				
Aircraft Procurement, Air Force, B	udget A	ctivity	ງ4, Othe	r Aircraf	t, Item	No. 13		CV-22	2 (Ospre	y)			
Manufacturer's Name/Plant City/State Location				Subline Iter	n								
Weapon System	Ident						Cost in Mil	lions of D					
Cost Elements	Code		FY 2006			FY 2007			FY 2008			FY 2009	
				Total			Total			Total			Total
		Qty	Unit Cost	Cost	Qty	Unit Cost	Cost	Qty	Unit Cost	Cost	Qty	Unit Cost	Cost
Air Frame CFE	A	2	66.511	133.022	2	62.383	124.765	5	60.488	302.438	6	57.271	343.627
Engines/Accessories	A			8.458			8.600			21.990			26.968
CFE Electronics	A			0.000			0.000			0.000			0.000
GFE Electronics	A			1.734			2.133			5.454			6.689
Engineering Change Orders (ECO)	A			3.231			4.991			6.049			6.873
Nonrecurring Cost	A			17.857			6.800			3.830			7.940
Parts Obsolescence	A			1.408			2.211			2.253			2.296
TOTAL FLYAWAY COST				165.710			149.499			342.013			394.392
Airframe PGSE	A			3.085			2.527			8.988			0.030
Engine PGSE	A			0.567			0.319			0.798			0.000
Avionics PGSE	A			0.130			3.648			4.846			0.000
Peculiar Training Equipment	A			10.065			5.786			35.206			3.938
Publications/Technical Data	A			1.155			3.799			7.566			7.838
Other ILS	A			35.103			38.359			56.123			9.583
Production Engr Support	A			14.048			8.787			8.316			12.650
Common SE	A			0.265			5.336			9.886			11.391
Support ECO/Mod	A			0.000			0.100			0.214			0.079
SUPPORT COST				64.418			68.660			131.944			45.509
Gross P-1 Cost				230.128			218.159			473.957			439.901
Advance Procurement (Credit)				-10.866			-10.384			-20.160			-29.179
Net P-1 Cost				219.262			207.775			453.797			410.722
Advance Procurement				10.384			34.264			41.245			14.266
Weapon System Cost				229.646			242.039			495.042			424.988
Initial Spares				32.917			28.342			81.672			52.862
TOTAL PROGRAM				229.646			242.039			495.042			424.988
Comments			.1	<u>l</u>			<u> </u>		l l				
Note: "Total Program" above does not include BI	16 Initial S	pares fund	s or BP-11	Modification	funds.								

P-1 Shopping List Item No. 13

Weapon System Cost Analysis Exhibit P-5, page 3 of 8

Exhibit P-5A, Procurement Hist	ory ar	nd Planning							Dat	te: February	2007	
Appropriation (Treasury) Code/CC/BA/E Aircraft Procurement, Air				04, Other	r Aircraft,	, Item No.			em Nomenclate Osprey)	ure		
Weapon System		, <u> </u>		•	Subline Ite		L	`				
CV-22												
WBS Cost Elements	Qty	Unit Cost	Location of PCO	RFP Issue Date	Contract Method	Contract Type	Contractor and I	Location	Award Date	Date of First Delivery	Specs Available Now?	Date Revision Available?
Aircraft Procurement Lot 9 (FY05)	3	94.183	NAVAIR	May-04	SS	FPI	Bell-Boeing, Pat River MD	uxent	Dec-04	Nov-06	Yes	
Aircraft Procurement Lot 10 (FY06)	2	114.824	NAVAIR	Mar-05	SS	FFP	Bell-Boeing, Pat River, MD	uxent	Dec-05	Jan-08	Yes	
Aircraft Procurement Lot 11 (FY07)	2	121.020	NAVAIR	Mar-06	SS	FFP	Bell-Boeing, An	narillo, TX	Feb-07	Dec-08	Yes	
Aircraft Procurement Lot 12 (FY08)	5	99.008	NAVAIR	Jul-06	SS	FFP	Bell-Boeing, An	narillo, TX	Jun-07	Nov-09	Yes	
Aircraft Procurement Lot 13 (FY09)	6	70.831	NAVAIR	Jul-06	SS	FFP	Bell-Boeing, An	narillo, TX	Jun-07	Nov-10	Yes	
Remarks		•	-	•	-	·	•		•	-	•	•

FY08 through FY12 procurement will be ordered on Multi-Year contract scheduled to be awarded in June 2007.

P-1 Shopping List Item No. 13

Procurement History and Planning Exhibit P-5A, page 4 of 8

Exhibit P-21, Production Se	chedı	ıle																			D	ate:	Febr	uary	2007				
Appropriation (Treasury) Code/CC Aircraft Procurement,					ivity	, 04,	Oth	ner <i>i</i>	Airc	raft	, Ite	m N	lo. ′	13						n Non Osp i									
	S	PROC.	ACCEP. PRIOR	BALANCE DUE		2002			FIS	CAL Y	EAR 2		ENDAR	YEAR	2003						FIS		YEAR 2 ALENI	004 DAR YE	EAR 200	04			L A
PROCUREMENT YEAR	R V	QTY	TO 1 OCT 2002	AS OF 1 OCT 2002	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
2004 USA		2	0	2																									2
2005 USA		3	0	3																									3
2006 USA		2	0	2																ļ				ļ					2
2007 USA		2	0	2	1														-										2
2008 USA 2009 USA		5	0	3	+																								5
2009 USA		5	0	5																	1								5
2010 USA		5	0	5	1																								5
2012 USA		5	0	5																	1								5
2013 USA		5	0	5	1																								5
TOTAL		40	0	40																									40
					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 N	J L	A U G	S E P	
				PRODUCT									PRO	CURE	MENT	LEAD 7	ГІМЕ												
ITEM/MANUFACTURER'S NAME		LOCATION		MIN SUST	SHIF HOUI DAYS	RS	M A X							AD LEAD	MIN TIME			MFG			TOTAL AFTER								
Bell-Boeing		Patuxent Riv		11	DATE.		48							IOR OCT	AF			TIME			1 OCT								
								INITIA								6			36		-	44							
DEMARKS								REOR	RDER																				

REMARKS
Minimum sustaining rate includes MV-22 production;

FY02: Two Production Representative Test Vehicles were funded with FY02 RDT&E and delivered in Sep 05 and Oct 05

P-1 Shopping List Item No. 13

Production Schedule Exhibit P-21, page 5 of 8

Exhibit P-21, Production	Sched	lule																			D	ate:	Febr	uary	2007	,			
Appropriation (Treasury) Code/ Aircraft Procuremer					ivity	, 04,	Otl	ner .	Airc	raft	, Ite	m N	lo. ′	13						n Non Ospi									
	S	PROC.	ACCEP. PRIOR	BALANCE DUE		2004			FIS	CAL Y	EAR 2		ENDAR	YEAR	2005						FIS		'EAR 2 ALENI	006 DAR YE	EAR 20	06			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
	USAF	2	() 2																		1		1					0
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	USAF	2	(2																ļ		-		ļ				ļ	2
	USAF	2	() 2	-	1																-							2
	USAF USAF	5	() 5	1																							1	5
	USAF	5	() 5	+	1	1														1		1				1	1	5
	USAF	5	() 5	+																								5
	USAF	5	() 5																									5
	USAF	5	(5	1																								5
TOTAL		40	() 40)																	1		1					38
					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	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	A U G	S E P	
				PRODUCT									PRO	CURE	MENT	LEAD 7	TIME												
ITEM/MANUFACTURER'S NAME		LOCATION	I	MIN SUST	SHIF HOU DAYS	RS	M A X							AD LEAD	MIN TIME			MFG			TOTAL AFTER								
Bell-Boeing		Patuxent Riv		11	BATT		48							IOR OCT	AF			TIME			1 OCT								
								INITIA								6			36			44							
DEMARKS								REOF	DER											<u> </u>									

REMARKS
Minimum sustaining rate includes MV-22 production;

FY02: Two Production Representative Test Vehicles were funded with FY02 RDT&E and delivered in Sep 05 and Oct 05

P-1 Shopping List Item No. 13

Production Schedule Exhibit P-21, page 6 of 8

Exhibit P-21, Production	n Sched	lule																			D	ate:	Febr	uary	2007				
Appropriation (Treasury) Cool Aircraft Procurement					ivity	, 04,	Otl	ner .	Airc	raft	, Ite	m N	۱o. ٔ	13				-1 Lin											
	S	PROC.	ACCEP. PRIOR	BALANCE DUE		2006			FIS	SCAL Y	EAR 2		ENDAF	R YEAR	R 2007						FIS		YEAR 2 ALENI	008 DAR YE	EAR 200	08			L A
PROCUREMENT YEAR	R V	QTY	TO 1 OCT 2006	AS OF 1 OCT 2006	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
2004	USAF	2	2	2 0																									0
2005	USAF	3	(3			1		1					1															0
2006	USAF	2	() 2																1						1			0
2007	USAF	2	() 2		<u> </u>																						ļ	2
2008	USAF	5	(5	1	1															-		-	1				1	5
2009	USAF	6	() 6		1									ļ						1		1					1	6
2010	USAF USAF	5	() 5	-	<u> </u>									ļ							-		<u> </u>				<u> </u>	5
2011	USAF	5	() 5		-																							5
2013	USAF	5	(5	+	1	-						-		<u> </u>					1	1	1	1	1			-	1	5
TOTAL	USAI	40		2 38	<u> </u>		1		1					1						1	-		-			1			33
		40		30	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									PRO			LEAD	TIME												
ITEM/MANUFACTURER'S NAME		LOCATION	ı	MIN SUST	SHIF HOU DAYS	RS	M A X								MIN TIME			MFG			TOTAI AFTER								
Bell-Boeing		Patuxent Riv		11	DATE	,	48	1					PR	IOR	AF	TER	1	TIME			1 OCT								
Ben Boeing		T ditasteria Ter	.01, 1.112	1.										CT		OCT													
								INITIA	\L							6			36			44	1						
								REOF	RDER																				
REMARKS																													

Minimum sustaining rate includes MV-22 production;

FY02: Two Production Representative Test Vehicles were funded with FY02 RDT&E and delivered in Sep 05 and Oct 05

P-1 Shopping List Item No. 13

Production Schedule Exhibit P-21, page 7 of 8

Exhibit P-21, Production	n Sched	lule																			D	ate:	Febr	uary	2007	,			
Appropriation (Treasury) Cool Aircraft Procurement					ivity	, 04,	Otl	ner .	Airc	raft	, Ite	m N	۱o. ٔ	13				-1 Lin											
	S	PROC.	ACCEP. PRIOR	BALANCE DUE		2008			FIS	SCAL Y	EAR 2		ENDAF	R YEAR	R 2009						FIS		/EAR 2 ALENI	010 DAR YE	EAR 20	10			L A
PROCUREMENT YEAR	R V	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
2004	USAF	2	2	2 0)																								0
2005	USAF	3	3	0																									0
2006	USAF	2	2	2 0																									0
2007	USAF	2	() 2	-	<u> </u>	1					1						<u> </u>			L .			<u> </u>	<u> </u>		<u> </u>		0
2008	USAF USAF	5	() 5	+	ļ							-				-	1			1			1	1		1		0
2009	USAF	6	() 6		-									-	ļ		ļ			-		-	ļ			├ ──		- 6
2010	USAF	5	(5	+	1									1						1		1		-		+		5
2012	USAF	5	() 5	-	1	1												1								-		5
2013	USAF	5	() 5	1										1						1		1				+		5
TOTAL	CDIN	40		7 33		1	1					1						1			1			1	1		1		26
					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	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	
				PRODUCT									PRO			LEAD :	TIME												
ITEM/MANUFACTURER'S NAME		LOCATION	ı	MIN SUST	SHIF HOU DAY:	RS	M A X								MIN TIME			MFG			TOTAI AFTER								
Bell-Boeing		Patuxent Riv		11	DAY	٠	48	-					PR	IOR	ΔF	TER	ł	TIME			1 OCT								
Ben-Boeing		1 atuxent Kr	vci, wid	11	+		70							CT		OCT					1 001								
				1				INITIA	۸L				T		<u> </u>	6			36			44	1						
								REOF	RDER						1								1						
REMARKS																													

Minimum sustaining rate includes MV-22 production;
FY02: Two Production Representative Test Vehicles were funded with FY02 RDT&E and delivered in Sep 05 and Oct 05

P-1 Shopping List Item No. 13

Production Schedule Exhibit P-21, page 8 of 8

Exhibit P-40, Budget Item J	ustification								Dat	e: February	2007	
Appropriation (Treasury) Code/CC	/BA/BSA/Item C	ontrol Number						P-1 Line Ite	m Nomenclatu	ıre		
Aircraft Procurement,	Air Force,	Budget Act	tivity 04,	Other Air	craft, Iten	n No. 14		CV-22 (Osprey)	Advance	Procure	ment
Program Element for Code B Ite	ems:	N/A	-		Other Relate	ed Program E	lements:	•	N/A			
	ID Code	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Comp	Total
Proc Qty	A											0
Cost (\$ M)												0.000
Advance Proc Cost (\$ M)		35.659	10.384	34.264	41.245	14.266	13.837	13.421	22.669	14.018	7.554	207.317
Weapon System Cost (\$ M)		35.659	10.384	34.264	41.245	14.266	13.837	13.421	22.669	14.018	7.554	207.317
Initial Spares (\$ M)												0.000
Total Proc Cost (\$ M)		35.659	10.384	34.264	41.245	14.266	13.837	13.421	22.669	14.018	7.554	207.317
Flyaway Unit Cost (\$ M)												
Wpn Sys Unit Cost (\$ M)												

Description

The CV-22 is a Special Operations Forces (SOF) variant of the V-22 vertical lift, multi-mission aircraft. The CV-22 will provide 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 and funding the development of all V-22 variants, including the CV-22. The program will procure and field 50 CV-22 aircraft and support equipment. The Air Force funds the procurement of the basic aircraft (V-22 common components) and contractor logistics support for operational testing and Type I training. USSOCOM funds the procurement of SOF systems unique to the CV-22, such as the terrain following radar and electronic warfare suite. The Air Force funds 85 percent of the procurement cost for CV-22 training systems, while USSOCOM funds 15 percent.

FY 2008 Program Justification

The FY08 budget includes \$41.2M for Economic Order Quantity (EOQ) to support an FY08 through FY12 multi-year procurement contract.

FY 2009 Program Justification

The FY09 budget includes \$14.3M for Economic Order Quantity (EOQ) to support an FY08 through FY12 multi-year procurement contract.

P-1 Shopping List Item No. 14

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

Exhibit P-10 p.1, Advance F (Page 1 - Funding)	rocureme	nt Require	ments Anal	ysis						Date:	: February 2	007	
Appropriation (Treasury) Code/CC	/BA/BSA/Item	n Control Nun	nber					F	P-1 Line Item N	Vomenclature	,		
Aircraft Procurement,	Air Forc	e, Budge	t Activity	[/] 04, Oth€	r Aircraf	t, Item N	ი. 14	[0	۷-22 (O؛	sprey) A	dvance F	Procureme	ent
Weapon System						First System A				First System	Completion D		
CV22AP					/ (A 4'11' \	Mar-	-03	'	<u> </u>	Feb	o-06	
Description	Т рі т	When Dad	Prior Years	FY 2006	(\$ in FY 2007	Millions)	EV 2000	FY 2010	FY 2011	FY 2012	FY 2013	To Comp	Total
<u>Description</u>	PLT 24					FY 2008	FY 2009			F1 2012		To Comp	Total 40
End Item Qty	34		5		2		6	5	5		5	8	48
CFE	34	,	35.659	10.384	,	, — — — — — — — — — — — — — — — — — — —	,	 I					46.043
GFE	1	1	†		,	, — †	,						0.000
EOQ													0.000
Design													0.000
Term Liability													0.000
EOQ/Long-Lead for FY08	32				20.160			i		1			20.160
EOQ/Long-Lead for FY09	32	,	1	 	4.569	24.610	,		'		'		29.179
EOQ/Long-Lead for FY10	32		T		3.264	5.695	14.266		1		1		23.225
EOQ/Long-Lead for FY11	32	,	T	i T	3.007	5.245		13.837	'		'		22.089
EOQ/Long-Lead for FY12	32		T		3.264	5.695			13.421		1		22.380
EOQ/Long-Lead for FY13	32	,								22.669			22.669
EOQ/Long-Lead for FY14	32	,									14.018		14.018
EOQ/Long-Lead for FY15	32	r										7.554	7.554
TOTAL AP	<u> </u>		35.659	10.384	34.264	41.245	14.266	13.837	13.421	22.669	14.018	7.554	207.317

Description

Airframe CFE requirements are long lead parts and materials necessary to protect the delivery schedule. Includes ADF Antenna/Processor, AN/APN-194 Radar Altimeter Antenna, AN/ARN-147 (V), and External Power Monitor.

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

P-1 Shopping List Item No. 14

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

Exhibit P-10 p.2, Advance (Page 2 - Budget Justifica		ent Requi	rements Ar	nalysis								Date: Febr	uary 2007	7	
Appropriation (Treasury) Code/C		m Control N	lumber							P-1 Line Ite	m Nomeno	lature			
Aircraft Procurement	t, Air Ford	e, Bud	get Activi	ty 04, 0	Other Ai	rcraft, I	tem No	. 14		CV-22 (Osprey) Adva	nce Pro	cureme	ent
Weapon System												-			
CV22AP															
					<u>(1</u>	TOA, \$ in N	Millions)								
					<u>2006</u>	2006		2007	<u>2007</u>		2008	2008		2009	2009
					Contract	<u>Total</u>		Contract	<u>Total</u>		Contract	<u>Total</u>		Contract	<u>Total</u>
				2006	Forecast	Cost	2007	Forecast	Cost	2008	Forecast	Cost	2009	Forecast	Cost
<u>Description</u>	<u>PLT</u>	<u>QPA</u>	<u>Unit Cost</u>	<u>QTY</u>	<u>Date</u>	Request	QTY	<u>Date</u>	Request	<u>QTY</u>	<u>Date</u>	Request	<u>QTY</u>	<u>Date</u>	Request
End Item															
CFE	34			2	Feb-06	10.384									
GFE															
			•		•	•		•						•	
EOQ															
EOQ/Long-Lead for FY08	32						5	Jan-07	20.160						
EOQ/Long-Lead for FY09	32						6	Jan-07	4.569	6	Dec-07	24.610			
EOQ/Long-Lead for FY10	32						5	Jan-07	3.264	5	Dec-07	5.695	5	Dec-08	14.266
EOQ/Long-Lead for FY11	32						5	Jan-07	3.007	5	Dec-07	5.245			
EOQ/Long-Lead for FY12	32						5	Jan-07	3.264	5	Dec-07	5.695			
EOQ/Long-Lead for FY13	32														
EOQ/Long-Lead for FY14	32														
EOQ/Long-Lead for FY15	32														
TOTAL AP						10.384			34.264			41.245			14.266
	<u>. I</u>		<u> </u>	<u> </u>	•										
<u>Description</u>															

Airframe CFE requirements are long lead parts and materials necessary to protect the delivery schedule. Includes ADF Antenna/Processor, AN/APN-194 Radar Altimeter Antenna, AN/ARN-147 (V), and External Power Monitor.

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

P-1 Shopping List Item No. 14

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

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Exhibit P-40, Budget Item	Justification								Date	e: February	2007	
Appropriation (Treasury) Code/C	C/BA/BSA/Item C	ontrol Number						P-1 Line Iter	m Nomenclatu	re		
Aircraft Procurement	, Air Force,	Budget Ac	tivity 04,	Other Air	craft, Iten	า No. 14a		C-29A				
Program Element for Code B	Items:				Other Relate	d Program E	lements:					
	ID Code	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Comp	Total
Proc Qty	A					1						1
Total Proc Cost (\$ M)			0.000	0.000	0.000	32.358	0.000	0.000	0.000	0.000		32.358

Description

FY 2008 Program Justification

FY 2009 Program Justification

P-1 Shopping List Item No. 14a

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

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Exhibit P-40, Budget Item Justi	ification								Date	e: February	2007	
Appropriation (Treasury) Code/CC/BA/	BSA/Item Co	ntrol Number						P-1 Line Iter	n Nomenclatu	re		
Aircraft Procurement, Air	r Force, E	Budget Act	tivity 04, 0		C-40							
Program Element for Code B Items:		N/A			Other Relate	ed Program E	lements:		None			
	ID Code	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Comp	Total
Proc Qty	A	1			2		1	1			0	5
Total Proc Cost (\$ M)		67.524	0.000	0.000	48.615	0.000	28.253	26.238	0.000	0.000	0.000	170.630

Description

This line item provides funding to purchase Air Force C-40 aircraft. The C-40 is a military variant of the commercial 737 Boeing Business Jet. The C-40 provides improved reliability, reduced O&S cost, the latest navigation and safety features, and complies with international and FAA noise and emissions standards.

FY 2008 Program Justification

Purchases two leased C-40 aircraft operated by the Air National Guard at Andrews AFB, MD. Aircraft were leased from Boeing for a six-year term in 2002 under Fiscal Year 2002 authorizing legislation. The lease term expires in Fiscal Year 2008, at which time the Air Force will purchase the aircraft.

FY 2009 Program Justification

No	activity	p	lanned.
----	----------	---	---------

P-1 Shopping List Item No. 15

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

Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number C-40	Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number	Exhibit P-5, Weapon System Cost Anal	ysis				.ASSIF					Date: Feb	ruary 20	07	
Manufacturer's Name/Plant City/State Location Subline Item No. 15 Subline Item No.	Aircraft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 15 C-40									P-1 Line					
Boeing Aerospace/Seattle/WA Ident Code FY 2006 FY 2007 FY 2008 FY 2009	Boeing Aerospace/Seattle/WA	Aircraft Procurement, Air Force	, Budget A	ctivity	04, Othe	er Aircra	ft, Item	n No. 15		C-40					
Variable Variable	Meapon System Code FY 2006 FY 2007 FY 2008 FY 2009	Manufacturer's Name/Plant City/State Location	on			Subline Ite	em								
Code	Code	Boeing Aerospace/Seattle/WA													
QtyUnit CostTotal CostQtyUnit CostTotal CostQtyUnit CostTotal CostQtyUnit CostTotal CostAIRCRAFT PURCHASE TOTAL PROGRAMA00224.30848.615	QtyUnit CostTotal CostQtyUnit CostTotal CostQtyUnit CostTotal CostQtyUnit CostTotal Unit CostTotal CostQtyUnit CostTotal CostAIRCRAFT PURCHASE TOTAL PROGRAMA0S224.30848.615S								Cost in M	illions of D					
QtyUnit CostCostQtyUnit CostCostQtyUnit CostCostQtyUnit CostCostQtyUnit CostCostAIRCRAFT PURCHASEA0SS224.30848.615STOTAL PROGRAMSSSS48.615S	Qty Unit Cost Cost Qty Qty Unit Cost	Cost Elements	Code		FY 2006			FY 2007			FY 2008			FY 2009	
AIRCRAFT PURCHASE A 0 2 24.308 48.615 TOTAL PROGRAM 48.615 48.615 48.615	AIRCRAFT PURCHASE A 0 2 24.308 48.615 TOTAL PROGRAM 48.615			Qty	Unit Cost		Qty	Unit Cost		Qty	Unit Cost		Qty	Unit Cost	
		AIRCRAFT PURCHASE	A		0					2	24.308	48.615			
Comments	Comments											48.615			
		Comments													

P-1 Shopping List Item No. 15

Weapon System Cost Analysis Exhibit P-5, page 2 of 3

Exhi	bit P-21, Production	n Sched	ule																			D	ate: l	Febru	uary :	2007				
Appro	priation (Treasury) Code	e/CC/BA/E	3SA/Item (Control No	umber													P	-1 Lin	e Iten	n Nom	nencla	ature							
Airc	raft Procureme	nt, Air	Force	, Budg	et Acti	vity	04,	Otl	her A	4irc	raft	, Ite	m N	lo. ′	15				C-40											
		S		ACCEP. PRIOR	BALANCE DUE		0			F	ISCAL	YEAR		I ENDA	AR YEA	AR 1						F		YEAR		YEAR 2)			L
	PROCUREMENT YEAR	E R V	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
	008	USAF	2	. 0	2												2													0
	010	USAF	1	0	1																							↓		1
	011	USAF	1	0	1																							↓		1
TOTAL	-		4	0	4	_		_	! !						<u> </u>	<u> </u>	2		L	_			.	_				<u> </u>		2
						C	0 V	E C	A N	F E B	M A R	P R	M A Y	N N	U	U G	S E P	C	O V	D E C	J 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/N	//ANUFACTURER'S NAME		LOCATION	N	SUST	SHIF HOUI DAYS	RS	M A X								MIN TIME			MFG			TOTAL AFTER								
	Aerospace		Seattle, WA			27110								PR 1 C	IOR OCT		TER OCT		TIME			1 OCT								
									INITIA REOR																					
REMAI	RKS		-		•	•		•						•		•		•			•			•						
NT																														

P-1 Shopping List Item No. 15

Production Schedule Exhibit P-21, page 3 of 3

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Exhibit P-40, Budget Item Just	tification								Date	e: February	2007	
Appropriation (Treasury) Code/CC/BA	/BSA/Item Co	ontrol Number						P-1 Line Iter	m Nomenclatu	re		
Aircraft Procurement, Air	r Force,	Budget Act	tivity 04, (Other Air	craft, Iten	n No. 16		Civil Air	· Patrol			
Program Element for Code B Items:	:	N/A			Other Relate	ed Program E	lements:	•	N/A			
	ID Code	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Comp	Total
Proc Qty	A	28										28
Cost (\$ M)		10.427	6.483	10.156	4.477	2.444	2.503	2.536	2.586	2.638		44.250
Advance Proc Cost (\$ M)		0.000										0.000
Weapon System Cost (\$ M)		10.427	6.483	10.156	4.477	2.444	2.503	2.536	2.586	2.638	0.000	44.250
Initial Spares (\$ M)		0.000										0.000
Total Proc Cost (\$ M)		10.427	6.483	10.156	4.477	2.444	2.503	2.536	2.586	2.638	0.000	44.250
Flyaway Unit Cost (\$ M)												
Wpn Sys Unit Cost (\$ M)												

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 2008 Program Justification

Award the production contract for 10 Cessna 182T's. Four seat fixed-wing single engine aircraft equipped with satellite digital imaging systems, automatic direction finder, emergency locator transmitter, fm radio, camera port window, ground power unit, and crew training.

FY 2009 Program Justification

Award the production contract for 5 Cessna 182T's. Four seat fixed-wing single engine aircraft equipped with satellite digital imaging systems, automatic direction finder, emergency locator transmitter, fm radio, camera port window, ground power unit, and crew training.

P-1 Shopping List Item No. 16

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

Exhibit P-5, Weapon System Cost Analysi	S									Date: Feb	uary 200	7	
Appropriation (Treasury) Code/CC/BA/BSA/Item Con	trol Number							P-1 Line	Item Nomer	nclature			
Aircraft Procurement, Air Force, B	udget A	ctivity (04, Othe	r Aircraf	t, Item	No. 16		Civil	Air Patro	ol			
Manufacturer's Name/Plant City/State Location				Subline Iter	m								
Cessna/Independence, KS Gippsland/Morwell V	ictoria, Au	stralia											
Blanik/Kunovice, Czech SAGEM SDIS/Grand I	rairie, TX	or Puyallur	o, WA										
BYCA/Chatsworth, CA Becker DF's/Rheinmuer	ster, Germ	any											
Weapon System	Ident	·				Total	Cost in Mil	lions of D	ollars				
Cost Elements	Code		FY 2006			FY 2007			FY 2008			FY 2009	
				Total			Total			Total			Total
		Qty	Unit Cost	Cost	Qty	Unit Cost	Cost	Qty	Unit Cost	Cost	Qty	Unit Cost	Cost
Avionics		-			-			-			-		
Cessna 182T		17	0.403	6.851	5	0.424	2.118	10	0.449	4.489	5	0.474	2.372
Gippsland GA-8													
Blanik L23 Glider w/Trailer					1	0.070	0.070	2	0.070	0.140			
Blanik L23 Glider											2	0.055	0.110
Armament													
Software													
Other Government Furnished Equipment (GFE)													
Engineering Change Orders (ECO)													
Nonrecurring Costs													
Other Costs													
SAGEM SDIS System													
BYCA Ground Power Units					24	0.000	0.011	23	0.000	0.011	10	0.001	0.005
Becker DF-517								1	0.013	0.013			
Proceeds from Aircraft Sales				-0.368			-0.006			-0.237			-0.070
FLYAWAY COST SUBTOTAL				6.483			2.193			4.416			2.417
Airframe Peculiar Ground Support Equipment (PGSE)													
Engine PGSE													
Peculiar Training Equipment													
Publications/Technical Data													
ECOs													
Other													
SUPPORT COST SUBTOTAL													
TOTAL PROGRAM				6.483			2.193			4.416			2.417
Comments			•							l.			
CAP shall request, through CAP-USAF, Air Forc	e funds for	the acquisi	tion of airc	raft for use i	n support	of Air Force	assigned m	issions an	d approved	programs.	The Air Fo	orce will	

CAP shall request, through CAP-USAF, Air Force funds for the acquisition of aircraft for use in support of Air Force assigned missions and approved programs. The Air Force will have approval authority for all aircraft acquisitions for use in support of Air Force assigned missions. CAP shall also manage a program for modernization and upgrade of the CAP aircraft fleet used in support of Air Force assigned missions and approved programs. CAP's aircraft fleet consists of mainly small fixed wing aircraft such as Cessna 172s and 182s.

P-1 Shopping List Item No. 16

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

UNCLASSIFIED	
Exhibit P-5, Weapon System Cost Analysis	Date: February 2007
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number	P-1 Line Item Nomenclature
Aircraft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 16	Civil Air Patrol
CAP also maintains a smaller fleet of gliders that are used to support the Cadet Program.	•
*Note 1: Proceeds are derived from the sale of old aircraft IAW DoDGARS 32.34(e)	
DESCRIPTION	
Cessna 182T's: Four seat, fixed-wing, single engine aircraft equipped with Satellite Digital Imaging Systems (SDIS), automatic direction finder, emergency locator transmitter, fm radio, camera port window, ground power unit, and crev	
Gippsland GA-8: Eight seat, fixed-wing, single engine aircraft equipped with SDIS, automatic directional finder, emergence unit, Hyper Spectral Imaging System, and crew training.	ergency locator transmitter, fm radio, camera port window, ground
Blanik L23 Glider: Two seat, all metal, fixed-wing glider.	
SAGEM Satellite Digital Imaging System: Integrated system consisting of satellite phone, dialer, camera, and compu	nter.
BYCA Ground Power Unit: 24 volt ground power supply.	
Becker DF-517: Automatic direction finder that tracks emergency signal transmitted by downed aircraft.	
P-1 Shopping List Item No. 16	Weapon System Cost Analysis

UNCLASSIFIED PAGE 4 - 25

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

Exhibit P-5A, Procurement Hist	ory ar	nd Planning							Dat	e: February	2007	
Appropriation (Treasury) Code/CC/BA/6	BSA/Iter	m Control Num	nber					P-1 Line It	em Nomenclatı	ıre		
Aircraft Procurement, Air	Forc	e, Budge	t Activity	04, Other	Aircraft, I	tem No. 16	6	Civil A	ir Patrol			
Weapon System					Subline Item							
CAP												
				RFP Issue	Contract	Contract				Date of First	Specs Available	Date Revision
WBS Cost Elements	Qty	Unit Cost	PCO	Date	Method	Type	Contractor and I	Location	Award Date	Delivery	Now?	Available?
CAP Aircraft: Single	10	0.304	CAP, Inc.	Jun-06	Negotiated	Fixed-Price	Cessna Aircraft	Co.	Feb-07	Aug-07	Yes	
Engine-Fixed Wing Aircraft			105 S.		Competitive	IDIQ	Wichita, KS					
			hansell St.			Contracts						
			Bldg. 714			with						
			Maxwell			Prospective						
			AFB, AL			Price						
			36112-6332			Redeterminat						
						ion AA						

Remarks

Procurement times for Cessna 182T, Gippsland GA-8 and Blanik gliders are one year. SAGEM SDIS Systems, BYCA Ground Power Units, and Becker DF-517 procurement times are 9 months.

Execution can be accomplished witin 45 days of funding distribution.

The aforementioned contract is scheduled to expire 31 Jan 09. These responses are for powered aircraft only. There is no RFP for gliders at this time but we may issue one if granted approval to purchase gliders. We inted to use the same process outlined above resulting in one or more three year IDIQ contracts.

This contract also covers following aircraft: Type IIIA - Cessna 206 - \$569,635.00 less volume discount. Type IIIB - Gippsland GA-8 - \$518,043.00 less volume discount. Type IIIC - Found Air FBA-2C2 - \$521,989.00 less volume discount.

Additional Contractor and Location Information: Found Aircraft Canada/Parry Sound, Ontario and Gippsland Aeronautical PTY LTD Morwell/Victoria, Australia...A3SHA

P-1 Shopping List Item No. 16

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

O N D J F M A M J J A S O N D J F M A M J J J A S O N D J F M A M J J J A S O N D J F M A M J J A S O D D J F M A M J J J A S D D J F M A M J J J A S D D J F M A M J J J A S D D D J F M A D D D J F M A D D D J F M A D D D D D D D D D D D D D D D D D D	Exhibit P-21, Production	n Sched	lule																			D	ate: I	=ebru	uary 2	2007				
Note	Appropriation (Treasury) Cod	le/CC/BA/l	BSA/Item (Control No	umber													Р	-1 Lin	e Iten	n Nom	nencla	ature							
PROCUREMENT YEAR E PROC PRIOR TO AS OF TO AS OF TO AS OF TO TO TO TO TO TO TO	Aircraft Procureme	ent, Air	Force	, Budg	jet Acti	vity	04,	Otl	her A	Airc	raft	, Ite	m N	lo.	16			C	ivil	Air	Pat	rol								
PROCUREMENT YEAR R		S	PPOC				0			F	ISCAL	YEAR		LENDA	AR YEA	AR 1						F				YEAR 2				
2007	PROCUREMENT YEAR					_	-		J A N		M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T			J A N	F E B	M A R	A P R	A	J U N	J U L	A U G	S E P	
2008			17	0	17																									0
2009			5	0	5													J										<u> </u>	.—	0
2010			10	0	10			-																		<u> </u>				0
2011			5	0	5													J								\longmapsto		┢──╵		0
2012			5	0	5				<u> </u>									5								┢		\vdash		0
2013			5	0	5													5								\vdash		 '		0
TOTAL O			5	0	5	-							1					5								$\vdash \vdash \vdash$		igwdot	-	0
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 E A P A U U U E C O E A E A P A E A P A U U U E C O E A E A P A E A P A U U U E C O E A E A E A P A E A P A U U U E C O E A E A E A P A E A P A U U U E C O E A E A E A P A E A P A U U U E C C D C C C C C C C	TOTAL	05/11		Ĭ	0																								1	0
MIN				•	•		N O V	Е	J A N		M A R		M A Y	J U	J U L	A U G	S E P	-	N 0 N		J A N		Α		Α	J U N	JUL	A U G	E	
SUST HOURS A DAYS X Cessna Independence KS 1 50					PRODUCT	ION R	ATES							PRO	CURE	MENT	LEAD T	TIME												
Cessna	ITEM/MANUFACTURER'S NAME		LOCATION	I		HOU	RS	Α																						
INITIAL 12 12 12 12 12 12 12 1	Cessna		Independen	ce KS	1			50											IIIVIE			1 OCT								
															12		12			12			12	1						
	DEMARKS.								REOR	DER																				

REMARKS

P-1 Shopping List Item No. 16

Production Schedule Exhibit P-21, page 5 of 5

It takes approx 1 year from the time CAP orders aircraft to time it is delivered.

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Exhibit P-40, Budget Item Ju	ustification								Date	e: February	2007	
Appropriation (Treasury) Code/CC/	BA/BSA/Item C	ontrol Number						P-1 Line Iter	m Nomenclatu	re		
Aircraft Procurement,	Air Force,	Budget Act	tivity 04, (Other Air	craft, Iten	n No. 17		Target [Orones			
Program Element for Code B Iter	ms:	N/A			Other Relate	ed Program E	lements:	•	N/A			
	ID Code	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Comp	Total
Proc Qty	A											0
Cost (\$ M)		N/A	78.582	81.743	85.604	90.349	92.412	93.457	95.290	151.480	N/A	N/A
Advance Proc Cost (\$ M)												0.000
Weapon System Cost (\$ M)		N/A	78.582	81.743	85.604	90.349	92.412	93.457	95.290	151.480	N/A	N/A
Initial Spares (\$ M)		N/A	0.471	0.384	0.509	0.524	0.537	0.543	0.554	0.565	N/A	N/A
Total Proc Cost (\$ M)		N/A	79.053	82.127	86.113	90.873	92.949	94.000	95.844	152.045	N/A	N/A
Flyaway Unit Cost (\$ M)												
Wpn Sys Unit Cost (\$ M)												

Description

Full-scale and subscale targets assure warfighters that weapon systems will perform effectively against real-world enemy fighters and cruise missiles. Aerial targets help adherence to public law Title 10, Section 2366 "Live Fire/Lethality" developmental/operational test requirements. Target drones are used to validate operational missile/weapon system effectiveness and fighter Operational Flight Program (OFP) updates. Target drones are also essential for development testing/operational testing for all air-to-air and ground-to-air missiles, and for the F-22A, F-35, F-16, F-15, etc., aircraft. The objective is to provide realistic targets for missile testing to enable the development of air defense systems capable of defeating changing airborne threats. This program provides funds for the procurement of full-scale (QF-4 and the follow-on full-scale Air Superiority Target--AST) and subscale (BQM-167A Air Force Subscale Aerial Target--AFSAT) target drones 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.

FY 2008 Program Justification

FY08 funds continue procurement of full-scale and subscale aerial targets required for development and operational testing requirements. Procurement funds are for full-scale (16 QF-4) and subscale (50 AFSAT) aerial targets for the Advanced Intercept Missile (AIM) programs (AIM-120, AIM-9 and AIM-7), for the F-22A and F-35 aircraft test programs, and for Operational Flight Program (OFP) F-16/F-15 aircraft upgrades.

FY 2009 Program Justification

FY09 funds continue procurement of full-scale and subscale aerial targets required for development and operational testing requirements. Procurement funds are for full-scale (17 QF-4) and subscale (42 AFSAT) aerial targets for the Advanced Intercept Missile (AIM) programs (AIM-120, AIM-9 and AIM-7), for the F-22A and F-35 aircraft test programs, and for Operational Flight Program (OFP) F-16/F-15 aircraft upgrades.

P-1 Shopping List Item No. 17

Budget Item Justification Exhibit P-40, page 1 of 12

Exhibit P-5, Weapon System Cost Analysi	is									Date: Febi	ruary 200	7	
Appropriation (Treasury) Code/CC/BA/BSA/Item Con	trol Number							P-1 Line	Item Nomen	clature			
Aircraft Procurement, Air Force, B	Budget A	ctivity (04, Othe	r Aircraf	t, Item	No. 17		Targe	t Drones	5			
Manufacturer's Name/Plant City/State Location				Subline Iter	m								
		1											
Weapon System	Ident			1			Cost in Mil	lions of Do		1			
Cost Elements	Code		FY 2006	- ·		FY 2007			FY 2008			FY 2009	
		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										Cy		
QF-4 Hardware Recurring													
Aircraft Drone Mod & Integration		20	1.172	23.444	17	1.222	20.770	16	1.441	23.052	17	1.463	24.863
F-4 In Plant Repairs		20	0.048	0.956	17	0.050	0.843	16	0.052	0.832	17	0.054	0.918
Edwards AFB Backshop and MILSTRIP Support		20	0.039	0.775	17	0.045	0.765	16	0.048	0.771	17	0.051	0.866
Aircraft Withdrawal/Aerospace Maintenance and Regeneraton Center (AMARC)													
Restricted-Unmanned		16	1.002	16.027	12	0.889	10.670	7	1.019	7.130	12	1.067	12.804
Unrestricted - Manned		4	1.310	5.240	5	1.100	5.500	9	1.155	10.395	5	1.210	6.050
TOTAL RECURRING FLYAWAY COST				46.442			38.548			42.180			45.501
Engineering Change Orders/Engineering													
Change Proposals				0.037			3.000			3.000			3.000
TOTAL NON-RECURRING FLYAWAY COST				0.037			3.000			3.000			3.000
FSAT Program Life Extension				1.539			1.700			1.700			1.870
Productionization of new F-4 Models				1.147									
Data/Tech Manuals				0.379			0.390			0.401			0.413
Special Program Requirements							1.578			1.591			1.706
OTHER PRODUCTION COSTS				3.065			3.668			3.692			3.989
Government Support				3.112			4.203			4.176			4.362
PROGRAM SUPPORT COSTS				3.112			4.203			4.176			4.362
AIR FORCE SUBSCALE AERIAL TARGET													
Production Article		24	0.657	15.780	42	0.566	23.791	50	0.569	28.446	42	0.710	29.838
ECP/ECO				2.859			3.534			0.998			0.706
Data/Tech Manuals/Training				0.063									
Warranty	A												
Airworthiness Certification				0.775			1.500						
Peculiar Support Equipment				4.148									

P-1 Shopping List Item No. 17

Weapon System Cost Analysis Exhibit P-5, page 2 of 12

	01102/10011122	•		
Exhibit P-5, Weapon System Cost Analysis			Date: Februar	y 2007
Appropriation (Treasury) Code/CC/BA/BSA/Item Control N	umber		P-1 Line Item Nomenclature	
Aircraft Procurement, Air Force, Budg	get Activity 04, Other Aircraft, Item N	o. 17	Target Drones	
Special Program Requirements		1.385	0.977	1.005
FLYAWAY COSTS	23.625	30.210	30.421	31.549
AFSAT Support Costs	0.419	0.230	0.236	
Government Support	1.882	1.884	1.899	1.948
Government RATO/Antenna Pattern Test				
SUPPORT COST SUBTOTAL	2.301	2.114	2.135	1.948
AIR SUPERIORITY TARGET				
TOTAL PROGRAM	78.582	81.743	85.604	90.349
Comments			<u> </u>	

Increase in FY07 AFSAT ECP/ECO line is to fund modifications to improve design reliability and cost efficiency.

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Weapon System Cost Analysis Exhibit P-5, page 3 of 12

Exhibit P-5A, Procurement H	istory ar	nd Planning							Dat	e: February	2007	
Appropriation (Treasury) Code/CC/B	A/BSA/Ite	m Control Nun	nber					P-1 Line It	em Nomenclatu	ıre		
Aircraft Procurement, A	ir Ford	e, Budge	t Activity	04, Other	Aircraft,	Item No.	17	Target	Drones			
Weapon System				•	Subline Iter	n						
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 I	Location	Award Date	Delivery	Now?	Available?
FY06 (FULLSCALE)	20	2.322	SASG/RTK		С	FFP	BAE SYSTEMS MOJAVE, CA	,	Feb-06	Aug-07	Yes	
FY07 (FULLSCALE)	12	2.344	SASG/RTK		С	Option	BAE SYSTEMS MOJAVE, CA) ,	Apr-07	Aug-08	Yes	
FY08 (FULLSCALE)	16	2.636	SASG/RTK		С	Option	BAE SYSTEMS MOJAVE, CA	,	Feb-08	Aug-09	Yes	
FY09 (FULLSCALE)	17	2.677	SASG/RTK		С	Option	BAE SYSTEMS MOJAVE CA		Feb-09	Aug-10	Yes	
FY10 (FULLSCALE)	16	3.009	SASG/RTK		С	FFP	BAE SYSTEMS MOJAVE CA	, ·	Feb-10	Aug-11	Yes	
FY11 (FULLSCALE)	15	3.094	SASG/RTK		C	Option	BAE SYSTEMS MOJAVE CA		Feb-11	Aug-12	Yes	
FY12 (FULLSCALE)	16	3.160	SASG/RTK		C	Option	BAE SYSTEMS MOJAVE CA	5,	Feb-12	Aug-13	Yes	
FY06 (SUBSCALE)	24	0.658	SASG/RTK		C	Option	Composite Engin		Mar-06	Mar-07	Yes	
FY07 (SUBSCALE)	42	0.572	SASG/RTK		C	Option	Composite Engin	_	Mar-07	Mar-08	Yes	
FY08 (SUBSCALE)	50		SASG/RTK		C	Option	Composite Engin		Mar-08	Mar-09	Yes	
FY09 (SUBSCALE)	42		SASG/RTK		C	FFP	Composite Engineration Inc., Sacramento	CA	Mar-09	Mar-10	Yes	
FY10 (SUBSCALE)	39		SASG/RTK		C	Option	Composite Engin	CA	Mar-10	Mar-11	Yes	
FY11 (SUBSCALE)	39		SASG/RTK		C	Option	Composite Engineration Inc., Sacramento	CA	Mar-11	Mar-12	Yes	
FY12 (SUBSCALE)	40	0.760	SASG/RTK		C	Option	Composite Engin		Mar-12	Mar-13	Yes	
Remarks												
				P-1 Shop	ping List Iter	m No. 17			Proc	urement H	istory and	Planning

Exhibit P-5A, page 4 of 12

Exhibit P-21, Production	on Sched	lule																			D	ate:	-ebru	uary :	2007	,			
Appropriation (Treasury) Co	de/CC/BA/E	3SA/Item (Control Nu	ımber													Р	-1 Lin	e Iten	Nom	encla	ature							
Aircraft Procureme	ent, Air	Force	, Budg	et Acti	vity	04,	Oth	ner .	Airc	raft	, Ite	m N	lo.	17			T	arg	et D	ron	es								
	S								FIS	CAL Y	EAR 2										FIS								L
	E	PROC	-			2005						CALI	ENDAF	R YEAR	2006							C	ALENE	AR 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	Α	S	T
	V					_		Α		Α		Α	U	U	U		C	_		Α		Α	P	A	U	U			Е
		_	2005			V	C	N	В	R	R	Y	N	L	G	P	T	V	С	N	В	R	R	Y	N	L	G	P	R
		12	2			1	1	1	1	1	1	1	1	1	-	-	_		-			- -	-	_	_	-			0
		1,												ļ	1	1	2	1	1	2	1	2	1	2	2	1	1	2	1.5
							1																		1		1	2	15
							1																		1		1		16
																													17
		1,				1																							16
																													15
TOTAL		126	2	124	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	2	1	2	1	2	2	1	1	2	94
		•	•	•	О	N	D	J	F	M	Α	М	J	J	Α	S	0	N	D	J	F	М	Α	M	J	J	Α	S	
					С	0	E	Α	E	Α	Р	Α	U	U	U	E	С	0	E	Α	Ε	Α	Р	Α	U	U	U	Е	İ
					Т	V	С	N	В	R	R	Υ	N	L	G	Р	Т	V	С	N	В	R	R	Υ	N	L	G	Р	
							PRO			LEAD .	TIME																		
				SUST										LEAD	TIME			MFG											
			l		DAYS	3	X	1						100			4												
PROCUREMENT YEAR PROCUREMENT YEAR PROCUREMENT																													
		+						INITIA	NI.				10	<u>Λ</u>	10	<i>J</i> U 7	1		15			20							
		+			-		-							0		5	1						1						
REMARKS		1		1	I			INLOI	IDLI					0	<u> </u>		<u> </u>		12			17	I						

P-1 Shopping List Item No. 17

Production Schedule Exhibit P-21, page 5 of 12

Appropriation (Treasury) Code/CC/BA Aircraft Procurement, Ai PROCUREMENT YEAR R V		Budg	et Acti	ivity	04.	O41																						
PROCUREMENT YEAR R				ivity	04.	04 L										P-	1 Line	e Item	Nom	encla	ature							
PROCUREMENT YEAR E R	PDOC	ACCEP.			. ,	Oti	ner /	Airc	raft	, Ite	m N	lo. ′	17			T	arg	et D	ron	es								
	QTY	PRIOR TO 1 OCT 2007	BALANCE DUE AS OF 1 OCT 2007	O C T	2007 N O V	D E C	J A N	FISO F E B	M A R	A P R		INDAR J U N	YEAR J U L	2008 A U G	S E P	O C T	N O V	D E C	J A N	FIS F E B		EAR 20 ALEND A P R		AR 200 J U N	ј Ј U L	A U G	S E P	L A T E
2006 USAF	20		17	2	2	1	2	1	1	1	2	1	2	1	1													(
2007 USAF	12	0	12												1	1	2	1	1	1	1	1	1	1	1			C
2008 USAF	16	0	16	5																						2	1	13
2009 USAF	17	0	17																									17
2010 USAF	16	0	16	5																								16
2011 USAF	15	0	15	i																								15
2012 USAF	16	0	16		<u> </u>																							16
TOTAL	112	3	109	_	2	1	2	1	1	1	2	1	2	1	2	1	2	1	1	1	1	1	1	1	1	2	1	77
				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 O Z	J	A U G	S E P	
			PRODUCT	TION R	ATES						•	PRO	CURE	MENT I	_EAD T	IME					•	·						
			MIN SUST	SHIF		M A							ADI LEAD				MFG		T	OTAL	-							
ITEM/MANUFACTURER'S NAME	LOCATION			DAYS	3	Х											TIME			FTER								
QF-4/BAE Systems	Mojave CA		1	1		3						PR 1 C	IOR ICT	AFT 1 O			TIIVIL		1	OCT								
							INITIA REOR						0		5			15 12			20 17							

P-1 Shopping List Item No. 17

Production Schedule Exhibit P-21, page 6 of 12

Exhibit P-21, Productio	n Sched	ule																			Di	ate: I	ebru	uary 2	2007				
Appropriation (Treasury) Cod	e/CC/BA/E	SSA/Item C	Control Nu	ımber													P-	1 Lin	e Item	n Nom	encla	ature							
Aircraft Procureme	nt, Air	Force,	Budg	et Acti	ivity	04,	Oth	ner A	lirci	raft,	, Ite	m N	lo.	17			Т	arg	et D	ron	es								
	S	PROC.	ACCEP. PRIOR	BALANCE DUE		2009			FISC	CAL YI	EAR 2		ENDAF	R YEAR	R 2010						FIS	CAL Y		011 OAR YE	EAR 201	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
2007	USAF	12	12	0			_												-										0
2008	USAF	16	3	13	2	1	1	1	2	1	1	1	2	1															0
2009	USAF	17	0	17	'										1	2	1	2	1	1	1	2	1	2	2	1			0
2010	USAF	16	0	16																							1	2	13
2011	USAF	15	0	15																									15
2012	USAF	16	0	16	,																								16
TOTAL		92	15	77	2	1	1	1	2	1	1	1	2	. 1	1	2	1	2	1	1	1	2	1	2	2	1	1	2	44
					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 N	J L	A U G	S E P	
				PRODUCT	ION R	ATES							PRC	CURE	MENT	LEAD 7	IME												
				MIN SUST	SHIF HOU	RS	M A								MIN TIME			MFG			TOTAL								
ITEM/MANUFACTURER'S NAME		LOCATION			DAYS	<u> </u>	Χ											TIME			AFTER								
QF-4/BAE Systems		Mojave CA		1	1		3							IOR OCT	AF1 1 C						1 OCT								
								INITIAL						0		5			15			20							l
								REORE	DER			-		0		5			12			17							
REMARKS																													'

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Exhibit P-21, Productio	n Sched	ule																			D	ate: l	Febru	uary	2007	,			
Appropriation (Treasury) Cod	e/CC/BA/E	SSA/Item C	Control Nu	ımber													P-	·1 Lin	e Item	n Nom	nencla	ature							
Aircraft Procureme	nt, Air	Force,	Budg	et Acti	ivity	04,	Oth	ner /	Airc	raft	, Ite	m N	lo. ′	17			Т	arg	et D	ron	es								
	S	PROC.	ACCEP. PRIOR	BALANCE DUE		2001			FISO	CAL Y	EAR 2		ENDAR	R YEAR	2002						FIS		'EAR 2 ALEND	003 DAR YE	EAR 20	03			L A
PROCUREMENT YEAR	R V	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
2006	USAF	24	0	24																									24
2007	USAF	42	0	42																								<u> </u>	42
2008	USAF	50	0	50		ļ								ļ															50
2009	USAF USAF	42 39	0	42 39		<u> </u>								<u> </u>													+	——	39
2010	USAF	39		39																							+-		39
2012	USAF	40	0	40																							+-	$\overline{}$	40
TOTAL	00.11	276	0	276		1								1													\vdash	\Box	276
					O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	NON	J L	A U G	S E P	O C T	N O V	D E C	JAZ	F E B	M A R	A P R	M A Y	N N	J L	A U G	S E P	
				PRODUCT	ION R	ATES							PRO	CURE	MENT	LEAD :	ГІМЕ												
				MIN SUST	SHIF	RS	M A							ADI LEAD	MIN TIME			MFG			TOTAL								
ITEM/MANUFACTURER'S NAME AFSAT /Composite Engineering Inc.		LOCATION		1	DAYS 1/8/5	8	X 2							IOR OCT	AFT 1 C	TER OCT		TIME			AFTEF 1 OCT								
								INITIA REOR						4		9 5			11 12			9 17							
REMARKS																													

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Exhibit P-21, Productio	n Sched	ule																			D	ate:	Febr	uary	2007				
Appropriation (Treasury) Cod	e/CC/BA/E	3SA/Item C	Control Nu	ımber													Р	-1 Lin	e Iten	n Nor	nencla	ature							
Aircraft Procureme	ent, Air	Force,	Budg	et Acti	ivity	04,	Oth	ner A	Airc	raft	, Ite	m N	۱o. ٔ	17			Т	arg	et D	ron	es								
	S	PROC.	ACCEP. PRIOR	BALANCE DUE		2003			FIS	CAL Y	EAR 2		ENDAF	R YEAR	2004						FIS		YEAR 2 ALENI	005 DAR YE	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
2006	USAF	24	0	24																									24
2007	USAF	42	0	42																									42
2008	USAF	50	0	50																									50
2009	USAF	42	0	42																							 _	·	42
2010	USAF	39		39																							╨		39
2011	USAF USAF	39 40	0	39 40																									39 40
TOTAL	USAF	276	0	276																							-		276
		270	v	270	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	N N	J U L	A U G	S E P	270
				PRODUCT	ION R	ATES							PRC	CURE	MENT	LEAD :	TIME												
				MIN SUST	SHIF	RS	M A								MIN TIME			MFG			TOTAL								
ITEM/MANUFACTURER'S NAME		LOCATION			DAYS	3	X											TIME			AFTER								
AFSAT /Composite Engineering Inc.				1	1/8/5		2							IOR OCT	AFT 1 C						1 OCT								
								INITIAI REOR						2		9 5			11 12			9 17							
REMARKS																													

P-1 Shopping List Item No. 17

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Exhibit P-21, Productio	n Sched	ule																			D	ate: l	Febru	uary	2007				
Appropriation (Treasury) Cod	e/CC/BA/E	3SA/Item C	Control Nu	ımber													P-	1 Lin	e Item	Nom	nencla	ature							
Aircraft Procureme	ent, Air	Force,	Budg	et Acti	vity	04,	Oth	ner A	Airc	raft	, Ite	m N	lo.	17			Т	arg	et D	ron	es								
	S	PROC.	ACCEP. PRIOR	BALANCE DUE		2005			FIS	CAL Y	EAR 2		ENDAF	R YEAR	2006						FIS		EAR 2 ALENI		EAR 200)7			L A
PROCUREMENT YEAR	R V	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
2006	USAF	24	0	24																		2	2	2	2	2	2	2	10
2007	USAF	42	0	42																									42
2008	USAF	50	0	50																							igsquare		50
2009	USAF	42	0	42																							<u> </u>		42
2010	USAF	39		39																									39
2011 2012	USAF USAF	39 40	0	39 40																							\longmapsto		39 40
TOTAL	USAF	236	0	236		1																2	2	2	2	2	2	2	222
TO THE		230	<u> </u>	230	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	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 ⁻	ГІМЕ												
				MIN SUST	SHIF	RS	M A							AD LEAD	MIN TIME			MFG			TOTAL								
ITEM/MANUFACTURER'S NAME		LOCATION		ļ .	DAYS	3	X							100	_ ^			TIME			AFTER								
AFSAT /Composite Engineering Inc.				1	1/8/5		2							OCT	AF1 1 C						1 OCT								ļ
								INITIAI REOR						4		9 5			11 12			9 17							
REMARKS		•					-						-		-								-						

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Exhibit P-21, Production	n Sched	ule																			D	ate: I	Febru	uary	2007				
Appropriation (Treasury) Code	e/CC/BA/E	SSA/Item C	Control Nu	ımber													P-	1 Lin	e Iten	n Nom	nencla	ature							
Aircraft Procureme	nt, Air	Force,	Budg	et Acti	vity	04,	Oth	ner <i>i</i>	Airc	raft	, Ite	m N	lo. ′	17			Т	arg	et D	ron	es								
	S	PD 0.G	ACCEP. PRIOR	BALANCE DUE		2007			FIS	CAL Y	EAR 2		ENDAF	R YEAR	2008						FIS	SCAL Y		009 DAR YE	EAR 200	09			L A
PROCUREMENT YEAR	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	24	16		1	1	2	2	2	-																			0
2007 2008	USAF USAF	42 50	0	42 50						3	3	4	4	4	4	4	4	4	3	3	2	3	4	4	4	4	4	4	23
2009	USAF	42	0	42																									42
2010	USAF	39		39																									39
2011 2012	USAF USAF	39 40	0	39 40	_																						\vdash		39 40
TOTAL	USAF	276	16			1	2	2	2	3	3	4	4	4	4	4	4	4	3	3	2	3	4	4	4	4	4	4	183
					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	N N	J L	A U G	S E P	
				PRODUCT									PRO	CURE		LEAD	ГІМЕ												
ITEM/MANUFACTURER'S NAME		LOCATION		MIN SUST	SHIF HOUF DAYS	RS	M A X							ADI LEAD	MIN TIME			MFG TIME			TOTAL AFTEF								
AFSAT /Composite Engineering Inc.				1	1/8/5		2		_					IOR OCT	AFT 1 C			TIME			1 OCT								
REMARKS								REOR						4		5			11			17							
KEIVIAKKS																													

P-1 Shopping List Item No. 17

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Exhibit P-21, Production	n Sched	ule																			D	ate: F	-ebru	uary :	2007				
Appropriation (Treasury) Code	e/CC/BA/E	SSA/Item C	Control Nu	mber													P-	-1 Lin	e Iten	n Nom	nencla	ature							
Aircraft Procureme	nt, Air	Force,	Budg	et Acti	vity	04,	Oth	ner A	irci	raft,	Ite	m N	lo. ′	17			T	arg	et D	ron	es								
	S	PROC.	ACCEP. PRIOR	BALANCE DUE		2009			FISC	CAL YE	EAR 20		ENDAR	R YEAR	2010						FIS	SCAL Y			EAR 201	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
2007	USAF	42	42	0																									0
2008	USAF	50	26	24	4	4	3	3	3																				7
2009	USAF	42	0	42						3	4	4	4	4	4	4	4	4	3	3	3								-2
2010	USAF	39	0	39																		4	4	4	4	4	4	3	12
2011	USAF	39	0	39																									39
2012	USAF	40	0	40																									40
TOTAL		252	68	184	4	4	3	3	3	3	4	4	4	4	4	4	4	4	3	3	3	4	4	4	4	4	4	3	96
					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	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 RA	ATES				•			PRO	CURE	MENT	LEAD 1	ГІМЕ	1											
				MIN SUST	SHIFT HOUF	RS	M A								MIN TIME			MFG			TOTAL								
ITEM/MANUFACTURER'S NAME		LOCATION			DAYS		Χ											TIME			AFTER								l
AFSAT /Composite Engineering Inc.				1	1/8/5		2							IOR OCT	AFT 1 C						1 OCT								
			·					INITIAL REORD	DER					4		9 5			11 12			9 17							ļ
REMARKS		•		1	ı										ı					ı									

P-1 Shopping List Item No. 17

Production Schedule Exhibit P-21, page 12 of 12

Exhibit P-40, Budget Item Jus	tification								Date	e: February	2007	
Appropriation (Treasury) Code/CC/BA	/BSA/Item Co	ntrol Number						P-1 Line Iter	m Nomenclatu	re		
Aircraft Procurement, Ai	ir Force, E	Budget Act	tivity 04, (Other Air	craft, Iten	n N o. 18		C-37				
Program Element for Code B Items	:	N/A			Other Relate	ed Program E	lements:		None			
	ID Code	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Comp	Total
Proc Qty	A	0	1				1	1	3			6
Total Proc Cost (\$ M)		0.000	45.167	0.000	0.000	0.000	29.335	25.923	77.594	0.000		178.019

Description

This line item provides funding to purchase C-37 aircraft. The C-37 is the military variant of the commercial Gulfstream 550 executive jet. C-37s provide executive airlift for senior US government officials including Congress and Combatant Commanders. FY06 funding purchases one C-37 for the VIPSAM fleet at Andrews AFB, MD. FY10-12 funding purchases the five C-37s leased from Gulfstream Aerospace Corporation under FY00 authorizing legislation. Aircraft were leased for 10-year terms, with the lease term beginning with aircraft delivery to the Air Force. Air Force plans to purchase the aircraft at a prenegotiated price as lease terms exipre. The leased C-37s support Combatant Commanders.

FY 2008 Program Justification

No activity planned.

FY 2009 Program Justification

No activity planned.

P-1 Shopping List Item No. 18

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

Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number Aircraft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 18 Manufacturer's Name/Plant City/State Location Gulfstream Aerospace, Savannah, GA Weapon System Cost Elements Code FY 2006 FY 2006 FY 2007 Total Qty Unit Cost Cost Qty Cost Cost Qty Unit				UNCL	ASSIF	IED							
Aircraft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 18 C-37	alysis									Date: Fel	oruary 20)07	
Manufacturer's Name/Plant City/State Location Subline Item	n Control Number							P-1 Lin	e Item Nomen	clature			
Content Cont	e, Budget A	ctivity	04, Othe	r Aircraf	t, Item	າ No. 18		C-37	1				
Weapon System Cost Elements Code $\begin{array}{c ccccccccccccccccccccccccccccccccccc$	tion		ļ	Subline Ite	m								
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$					•			-					•
Total QtyTotal Unit CostQtyUnit CostTotal CostQtyUnit CostTotal CostQtyUnit CostTotal CostQtyUnit CostCostQtyUnit CostCostAircraft PurchaseA145.16745.167IIIIIIIII	Ident	í				Total	Cost in Mi	illions of I	Dollars				
Qty Unit Cost Cost	Code		FY 2006			FY 2007			FY 2008			FY 2009	
Aircraft Purchase A 1 45.167 45.167 Image: Common to the purchase of the purchase	ļ	1		Total			Total			Total			Total
TOTAL PROGRAM 45.167 Somments		Qty			Qty	Unit Cost	Cost	Qty	Unit Cost	Cost	Qty	Unit Cost	Cost
Comments	A		45.167	45.167									
		<u></u>		45.167									
None													
	'n	tion Ident Code	tion Ident Code Qty	rece, Budget Activity 04, Other tion Ident Code FY 2006 Qty Unit Cost	Alysis The Control Number See, Budget Activity 04, Other Aircraft Subline Item Tode Total Qty Unit Cost Cost A 1 45.167 45.167	A 1 45.167 Aircraft Air	Ident Code FY 2006 FY 2007 Qty Unit Cost Cost Qty Unit Cost A	Ident	A 1 45.167 45.167 P-1 Lin P-1 Lin	A 1 45.167 A	Date: Fel	Date: February 20	Date: February 2007

P-1 Shopping List Item No. 18

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

					UNCLA	SSIFIED						
Exhibit P-5A, Procurement Hist	tory aı	nd Planning							Dat	te: February	y 2007	
Appropriation (Treasury) Code/CC/BA/								P-1 Line It	em Nomenclatu	ıre		
Aircraft Procurement, Air	Ford	e, Budge	t Activity	04, Other	r Aircraft,	Item No.	18	C-37				
Weapon System					Subline Iter	n						
C-37A			1	1		1			1			_
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?
Was cost Brements	Q.O	CIII Cost	100		1,1001100	1770			11// 410 2 400	2011,019	11000	
C-37 Aircraft	1		WPAFB, OH	Mar-06	С	FFP	Gulfstream Aer Savannah, GA	ospace,	Mar-06	Mar-08	Yes	
Remarks												
None												

P-1 Shopping List Item No. 18

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

Ex	hibit P-21, Productio	n Sched	lule																			D	ate: I	=ebru	uary 2	2007				
App	propriation (Treasury) Cod	e/CC/BA/I	3SA/Item	Control No	umber													P	-1 Lin	e Iten	n Nom	nencla	ature							
Αi	rcraft Procureme	nt, Air	Force	, Budg	jet Acti	vity	04,	Otl	her A	4irc	raft	, Ite	m M	No.	18				C-37											
		S PROC PRIOR DUE 0 CALENDAR YEAR 1																			F	ISCAL			YEAR 2)			L A	
	PROCUREMENT YEAR	PROC. PROC. PROC. O N D J F M A M J J A S O															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	S																			1							0		
	2010 2011	S																					\vdash				1			
	2012	S																					\vdash	\vdash	\vdash	\vdash	3			
TOT	r Á L	S EMENT YEAR S E QTY V STANDARD STANDAR																		1							5			
						_	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J	J U L	A U G	_	O C T	N O V	DEC	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	ION R	ATES				•			PRC	CURE	MENT	LEAD	TIME	•		•									
ITEI	M/MANUFACTURER'S NAME		LOCATION	N	MIN SUST	SHIF HOUI DAYS	RS	M A X								MIN TIME			MFG TIME			TOTAL AFTEF								
Gulf	stream Aerospace		Savannah, O	GA											RIOR OCT		TER OCT		IIIVIE			1 OCT	•							
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3.7					•																									

P-1 Shopping List Item No. 18

Production Schedule Exhibit P-21, page 4 of 4

Exhibit P-40, Budget Item Just	ification								Date	e: February	2007	
Appropriation (Treasury) Code/CC/BA	/BSA/Item Co	ntrol Number						P-1 Line Iter	m Nomenclatu	re		
Aircraft Procurement, Ai	r Force, I	Budget Act	tivity 04, 0	Other Air	craft, Iten	n No. 19		GLOBA	L HAWK			
Program Element for Code B Items:	:	N/A			Other Relate	d Program E	lements:		N/A			
	ID Code	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Comp	Total
Proc Qty	A	14	5	5	5	5	5	5	5	5	TBD	TBD
Cost (\$ M)		776.062	295.442	397.300	514.005	661.112	468.949	482.926	506.835	484.472	TBD	TBD
Advance Proc Cost (\$ M)		202.034	64.121	50.717	63.841	53.832	54.949	59.700	62.100		TBD	TBD
Weapon System Cost (\$ M)		978.096	359.563	448.017	577.846	714.944	523.898	542.626	568.935	484.472	TBD	TBD
Initial Spares (\$ M)		0.000									0.000	0.000
Total Proc Cost (\$ M)		978.096	359.563	448.017	577.846	714.944	523.898	542.626	568.935	484.472	TBD	TBD
Flyaway Unit Cost (\$ M)		58.002	61.690	84.265	86.854	101.342	80.930	82.566	98.903	101.452	TBD	TBD
Wpn Sys Unit Cost (\$ M)		68.384	71.913	98.638	114.026	141.384	103.764	107.474	112.925	98.308	TBD	TBD

Description

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

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

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

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 spiral development to enhance the system to meet requirements as documented in updates to the Capability Development Document (CDD). During this time, the user will determine the optimal payload configuration and quantity for each aircraft based on current operational requirements. To accommodate the concurrent development and production strategy, one of the aircraft procured in FY04 will initially be used for flight characterization test activity of the Block 20 configuration. In addition, one of the aircraft procured in FY05 and one aircraft procured in FY06 will be used initially for advanced payloads testing, for Blocks 30 and 40, respectively.

P-1 Shopping List Item No. 19

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

Exhibit P-40, Budget Item Justification	Date: February 2007
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. 19	GLOBAL HAWK

FY 2008 Program Justification

A Department in-progress review (IPR) will be conducted by Mar 2008 to determine if the Global Hawk program has progressed sufficiently to warrant continued LRIP. If the Department determines sufficient progress has been made, the Global Hawk program will contract for Lot 7 production and Lot 8 advanced procurement. Procurement funding in 2008 includes five Global Hawk RQ-4B aircraft, appropriate payloads for each Block configurations, one Ground Segment, 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. Advanced procurement funding in 2008 is for five Global Hawk RQ-4B aircraft, sensors, two ground segments, and associated support systems.

FY 2009 Program Justification

A Department in-progress review (IPR) will be conducted by Mar 2009 to determine if the Global Hawk program has progressed sufficiently to warrant continued LRIP. Current
funding requests do not plan to accelerate, and has sufficient funding for Lot 8 production and Lot 9 advanced procurement. Lot 8 includes five Global Hawk RQ-4B aircraft,
appropriate payloads for each Block configuration, two Ground Segments, 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. Advanced procurement funding in 2009 is for Lot 10, five Global
Hawk RQ-4B aircraft, appropriate sensors, and associated support systems.

P-1 Shopping List Item No. 19

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

Exhibit P-5, Weapon System Cost An	alysis									Date: Feb	ruary 20)7	
Appropriation (Treasury) Code/CC/BA/BSA/Iter	m Control Number							P-1 Line	Item Nomer	nclature			
Aircraft Procurement, Air Ford	e, Budget A	ctivity (04, Othe	r Aircra	ft, Item	No. 19		GLOE	BAL HAV	VK			
Manufacturer's Name/Plant City/State Loca	tion			Subline Ite	m								
NGIS, Palmdale, CA													
Weapon System	Ident			•		Total	Cost in Mil	llions of D	ollars				
Cost Elements	Code		FY 2006			FY 2007			FY 2008		,	FY 2009	
				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	57.850	289.252	5	65.814	329.069	5	80.788	403.941	5	92.795	463.974
Common Ground Station	A	1	19.200	19.200	3	20.090	60.269	1	24.859	24.859	2	25.380	50.759
Infrastructure Support (2)	A			6.900			72.083			135.922			210.220
Interim Contractor Support	A			40.300									
	A												
	A												<u> </u>
Adv Procurement - Credit	A			64.121			50.717			63.841			53.832
Adv Procurement - Debit	A			-60.210			-64.121			-50.717			-63.841
TOTAL PROGRAM				359.563			448.017			577.846			714.944
C	<u> </u>												

P-1 Shopping List Item No. 19

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									Dat	te: Februar	y 2007	
Appropriation (Treasury) Code/CC/BA/E	3SA/Ite	m Control Num	nber					P-1 Line It	em Nomenclatı	ure		
Aircraft Procurement, Air	Ford	e, Budge	t Activity	04, Other	· Aircraft,	Item No.	19	GLOB/	AL HAWK			
Weapon System					Subline Iter	n		•				
HAEUAV												
			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	Location	Award Date	Delivery	Now?	Available?
FY 2001												
Long lead for 2 Global	2		303		SS	FPI	Northrop Grum	man.	Jun-01	Sep-03	Yes	
Hawk Aircraft and 1 MCE (FY02)	_		AESG/PK				Rancho Bernaro					
FY 2002			<u>†</u>									
3 Global Hawk Aircraft and 1 MCE	3	52.544	303 AESG/PK		SS	FPI	Northrop Grum Rancho Bernard		Jan-02	Sep-03	Yes	
Long lead for 3 Global Hawk Aircraft and 1 LRE	3		303 AESG/PK		SS	FPI	Northrop Grum Rancho Bernard	man,	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 Grum Rancho Bernard		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 Bernaro	man,	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 Bernaro		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 Bernaro		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 Bernard		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 Bernaro	man,	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 Bernaro		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 Bernard	man,	May-06	Apr-09	No	N/A
					ping List Ite	m No. 19			Prod		listory and it P-5A, pag	

UNCLASSIFIED PAGE 4 - 48

Exhibit P-5A, Procurement Hist	ory ar	nd Planning							Da	e: February	/ 2007	
Appropriation (Treasury) Code/CC/BA/E	3SA/Ite	m Control Num	nber					P-1 Line It	em Nomenclati	ure		
Aircraft Procurement, Air	Ford	e, Budge	t Activity	04, Other	Aircraft,	Item No.	19	GLOB	AL HAWK			
Weapon System					Subline Iter	m						
HAEUAV												
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?
(FY07)												
FY 2007	ı											
5 Global Hawk Aircraft and 3 GS	5	92.301	303 AESG/PK		SS	TBD	Northrop Grum Rancho Bernard		Apr-07	Apr-09	No	N/A
Long lead for 5 Global Hawk Aircraft and 1 GS (FY08)	5		303 AESG/PK		SS	TBD	Northrop Grum Rancho Bernard		Apr-07	Feb-10	No	N/A
FY 2008												
5 Global Hawk Aircraft and 1 GS	5	106.741	303 AESG/PK		SS	TBD	Northrop Grum Rancho Bernard		Mar-08	Feb-10	No	N/A
Long lead for 5 Global Hawk aircraft and 2 GS (FY09)	5		303 AESG/PK		SS	TBD	Northrop Grum Rancho Bernard		Mar-08	Feb-11	No	N/A
FY 2009	ı											
5 Global Hawk Aircraft and 2 GS	5	116.570	303 AESG/PK		SS	TBD	Northrop Grums Rancho Bernard		Mar-09	Feb-11	No	N/A
Long lead for 5 Global Hawk aircraft	5		303 AESG/PK		SS	TBD	Northrop Grums Rancho Bernard		Mar-09	Feb-12	No	N/A

Remarks

Unit cost figures are the sum of the unit cost figures for aircraft and ground station from the P-5. Unit cost figures on these pages (P-5A) cannot be multiplied by the quantities which represent only the aircraft.

P-1 Shopping List Item No. 19

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

Exh	nibit P-21, Productio	n Sched	lule																			D	ate: l	-ebru	ary 2	2007				
Appı	ropriation (Treasury) Cod	e/CC/BA/E	3SA/Item (Control Nu	ımber													Р	-1 Lin	e Item	n Nom	nencla	ture							
Air	craft Procureme	nt, Air	Force	, Budg	et Acti	vity	04,	Oth	ner /	4irc	raft	, Ite	m N	lo. 1	19			G	SLO	BAL	_ H <i>A</i>	١Wk	(
		PROCUREMENT YEAR																			FIS		EAR 20 ALEND		AR 200)5			L A	
	PROCUREMENT YEAR	Accep. Budget Activity 04, Other Aircraft, Item No. 19 S															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	
TOTA	2003 AL	S PROC. OTY OF TO AS																	1										0	
	-	V 2003 2003 T V C N B R R Y N L G P T USAF 1 0 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 L	A U G	S E P		
					PRODUCT					•			•	PRO		MENT	LEAD	TIME			· · · · · · · · · · · · · · · · · · ·	•	•		•		•			•
ITEM	I/MANUFACTURER'S NAME		LOCATION	N	MIN SUST	SHIFT HOUF DAYS	RS	M A X								MIN TIME			MFG			TOTAL AFTER								
LRE /	/ Northrop Grumman		Rancho Ber	nardo, CA		1-8-5		2						PRI 1 O		AFT 1 C	TER OCT		TIME			1 OCT								
									INITIA REOR																					

REMARKS

P-1 Shopping List Item No. 19

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

Exhibit P-21, Prod	uctior	n Sched	ule																			D	ate: l	-ebru	ary :	2007	•			
Appropriation (Treasur	y) Code	e/CC/BA/E	BSA/Item (Control Nu	ımber													Р	-1 Lin	e Iten	n Nom	nencla	ture							
Aircraft Procur	eme	nt, Air	Force	, Budg	et Acti	vity	04,	Otl	ner A	Airc	raft	, Ite	m N	lo. ′	19			G	SLO	BAL	_ H <i>/</i>	۱W	(
	ACCEP. PROC. OTY V C N B R R Y N L G P T T V C N B R R Y N L G P T T V C N B R R Y N L G P T T T T T T T T T T T T T T T T T T																			FIS		EAR 2		EAR 200	07			L A		
PROCUREMENT Y	Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 19 S															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		
2003	S PROC. QTY O N D J F M A M J J A S O O N D T V C N B R R Y N L G P T C C O E A E A P A U U U E C C O E A E A P A U U U E C C O E A E A P A U U U E C C C O E A E A B A B A B C C C C C C C C C																											0		
TOTAL	S PROC. QTY																											0		
	CUREMENT YEAR S PROC. QTY PRIOR TO AS OF 1 OCT 2005 T V C N B R R Y N L G P T USAF 1 1 0 0 0 0 0 0 0 0															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				
					PRODUCT	ON R	ATES				•		•	PRO	CURE	MENT	LEAD	TIME	•							•	•			
ITEM/MANUFACTURER'S	NAME		LOCATION	N	SUST	SHIF HOUF DAYS	RS	M A X							LEAD	TIME			MFG TIME			TOTAL AFTER	:							
LRE / Northrop Grumman															THVIL			1 OCT												
DEMANUS.									REOR																					

REMARKS

P-1 Shopping List Item No. 19

Production Schedule Exhibit P-21, page 7 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.

Ext	hibit P-21, Production	n Sched	lule																			Da	ate: l	-ebru	ary 2	2007				
App	propriation (Treasury) Code	e/CC/BA/E	3SA/Item (Control Nu	ımber													Р	-1 Lin	e Item	Nom	nencla	ture							
Αiı	rcraft Procureme	nt, Air	Force	, Budg	et Acti	vity	04,	Oth	ner /	4irc	raft	, Ite	m N	lo. 1	19				SLO	BAL	_ H <i>A</i>	۱W۲	(
	S PROCUREMENT YEAR S PROCUREMENT YEAR PRO																			FIS		EAR 20 ALEND		AR 200)9			L A		
	PROCUREMENT YEAR	ROCUREMENT YEAR R															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	
	2003	S PROC. QTY V PRIOR DUE AS OF 1 OCT 2007 T V C N B R R Y N L G P DUE 2007 T V C N B R R Y N L G P D D C N D D D D D D D D D D D D D D D D																											0	
TOT	AL	S																											0	
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					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 TIME			TOTAL AFTER								
LRE	/ Northrop Grumman			1-8-5		2	INITIA	ı				PRI 1 C			TER OCT		TIIVIE			1 OCT										
									REOR																					

REMARKS

P-1 Shopping List Item No. 19

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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.

Exh	nibit P-21, Production	n Sched	lule																			D	ate:	Febru	uary :	2007				
App	ropriation (Treasury) Code	e/CC/BA/E	BSA/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 A	Airc	raft	, Ite	m N	lo. ′	19				GLO	BAI	_ H <i>A</i>	٩Wk	(
		R V OTY 10CT 10CT C O E A E A P A U U U E C																			FIS		EAR 2		EAR 201	1			L A	
	PROCUREMENT YEAR	S														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		
	2003	OCUREMENT YEAR S PROC. PRIOR TO AS OF O N D J F M A M J J A S O N D J F M A M J J A S O O N D J F M A M J J A S O O D D D D D D D D																											0	
TOTA	AL	OCUREMENT YEAR S PROC. PRIOR OTHER PROC. QTY PRIOR V PRIOR PROCUREMENT LEAD TIME																									<u> </u>		0	
	2009 2009 T V C N B R 2003 USAF 1 1 0														J U L	U G	_	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 :	TIME	•		•	_	•		•	•			•	
ITEM	I/MANUFACTURER'S NAME		LOCATION	J.	SUST	SHIF HOUI DAYS	RS	M A X								MIN TIME			MFG			TOTAL AFTER								
LRE / Northrop Grumman														TER		TIME			1 OCT											
									REOR																					

P-1 Shopping List Item No. 19

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:	Febr	uary	2007	•			
Appropriation (Treasury) Co	de/CC/BA/	BSA/Item (Control No	umber													Р	-1 Lin	e Iten	n Non	nencla	ature							
Aircraft Procurem					ivity	/ 04 ,	Otl	her	Airc	raft	, Ite	m N	۱o. ٔ	19			G	SLO	BAI	L HA	٩WŁ	(
	S		ACCEP.	BALANCE					FIS	SCAL Y	EAR 2										FIS		EAR 2						L
	E	PROC.	PRIOR	DUE		2001						CAL	ENDAF	R YEAR	2002							C	ALENI	OAR YE	EAR 20	03			Α
PROCUREMENT YEAR	R	OTY	TO	AS OF	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		1 OCT 2001	1 OCT 2001	С	O V	E	A N	E B	A R	P R	A Y	U N	U	U G	E	C T	O V	E	A N	E B	A R	P R	A Y	U N	U	U G	E	E R
2002	USAF	2	2001) 2001	!	 		- 11		IX	IX.	1	11			-	-			11		- K	IX	1	- 11		+	1	1
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2004	USAF	4	. 0) 4	ļ.																						1		4
2005	USAF	4	0	4	ļ.																						1		4
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2007	USAF	5	0	5	5																						1		5
2008	USAF	5	0	5	i																								5
2009	USAF	5	0	5	i																								5
2010	USAF	5	0	5	i																								5
2011	USAF	5	0	5	5																								5
2012	USAF	5	0	5	5																						┸		5
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TOTAL		54	. 0	54																							⊥	1	53
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					С	0	E	Α	E	A	P	Α	U	U	U	E	С	0	Е	Α	E	A	P	Α	U	U	U	E	
		1		Innoniio	T	I V	С	N	В	R	R	Υ	N	L	G	P	Т	V	С	N	В	R	R	Υ	N	L	G	Р	
				PRODUCT									PRO		MENT	LEAD	IIME												
				MIN	SHIF		M								MIN						TOT 4.1								
ITEM/MANULEA OTLIDEDIO NAME		LOCATION		SUST	HOU		A							LEAD	TIME			MFG			TOTAL AFTER								
ITEM/MANUFACTURER'S NAME		LOCATION			DAYS		X						DD	IOR	AFT	FED	-	TIME			1 OCT	(
Global Hawk / Northrop Grumman		Rancho Ber	nardo, CA	4	1-8-5		2							OCT	1 C						1001								
								INITI/	۸L																				
	•		•			•		REOF	RDER	,		•		•		,		•			•								
REMARKS																													
Deliveries for the 2006 procurement y	ear and prior a	ire based off o	f negotiated of	contracts. All	deliver	ies for t	he 2007	procur	ement y	ear and	beyon	d are co	nsidered	l "proje	cted" ar	ıd subje	ct to ch	ange ba	sed on	the need	ds of the	Air Fo	orce. 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. 19

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Exhibit P-21, Production	on Sched	dule																			D	ate:	Febr	uary	2007	,			
Appropriation (Treasury) Cod	de/CC/BA/	BSA/Item (Control No	umber													Р	-1 Lin	e Iten	n Non	nencla	ature							
Aircraft Procureme					ivity	0 4,	Oth	ner .	Airc	raft	, Ite	m N	lo.	19			C	SLO	BAI	L H	٩W	〈							
	S		ACCEP.	BALANCE	E				FIS	SCAL Y	EAR 2										FIS		EAR 2						L
	E	PROC.	PRIOR	DUE		2003							ENDAF	YEAR	2004							C	<u>ALENI</u>	OAR YE	EAR 200	05			Α
PROCUREMENT YEAR	R	OTY	TO	AS OF	0	N	D	J	F	M	A	M	J	J	A	S	0	N	D	J	F	M	A	M	J	J	Α	S	T
	V		1 OCT 2003	1 OCT 2003	C	O V	E	A N	E B	A R	P R	A Y	U N	U	U G	E P	C T	O V	E C	A N	E B	A R	P R	A Y	U N	I.	U G	E P	E R
2002	USAF	2	1	1	1				В	1	- 1	1				-				- 1		- 1	- 1	-	-11				0
2003	USAF	4	0	4	ļ											2							1				1		1
2004	USAF	4	0	4	1																								4
2005	USAF	4	0	4	1																								4
2006	USAF	5	0	5	5																								5
2007	USAF	5	0	5	5																								5
2008	USAF	5	0	5	5																								5
2009	USAF	5	0	5	5																								5
2010	USAF	5	0	5	5																								5
2011	USAF	5	0	5	5																								5
2012	USAF	5	0	5	5																								5
2013	USAF	5	0	5	5																								5
TOTAL		54	. 1	53						1						2							1				<u> </u>		49
					0	N	D	J	F	M	Α	M	J	J	Α	S	0	N	D	J	F	М	Α	M	J	J	Α	S	
					C	0	E	Α	E	A	P	Α	U	U	U	E	С	0	E	Α	E	Α	P	Α	U	U	U	E	
		_		Innoniio	T	V	С	N	В	R	R	Υ	N	L	G	P	T	V	С	N	В	R	R	Υ	N	L	G	Р	
				PRODUC									PRO		MENT	LEAD	IIME												
				MIN	SHIF		M								MIN						TOT 4.1								
ITEM/MANUEL OTUBEDIO NAME		LOCATION		SUST	HOU		A							LEAD	TIME			MFG			TOTAL								
ITEM/MANUFACTURER'S NAME		LOCATION		 	DAYS	>	X	4						100	AFT			TIME			AFTER								
Global Hawk / Northrop Grumman		Rancho Ber	nardo, CA	4	1-8-5		2							IOR OCT	1 C						1 OCT								
								INITIA	λL																				
								REOF	RDER																				
REMARKS																													
Deliveries for the 2006 procurement y	ear and prior a	re based off o	f negotiated o	contracts. All	deliver	ies for t	he 2007	procur	ement y	ear and	beyon	are co	nsidered	l "proje	cted" ar	nd subje	ct to ch	ange ba	sed on	the need	ds of the	e Air Fo	orce. 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. 19

Production Schedule Exhibit P-21, page 11 of 26

Exhibit P-21, Produ	uction Sc	hed	ule																			D	ate:	Febr	uary	2007	,			
Appropriation (Treasury) Code/CC	/BA/E	SA/Item (Control No	ımber													Р	-1 Lin	e Iten	n Non	nencla	ature							
Aircraft Procur						ivity	/ 04 ,	Otl	her .	Airc	raft	, Ite	m N	lo.	19			C	SLO	BAI	L HA	٩Wk	(
		S		ACCEP.	BALANCE					FIS	SCAL Y	EAR 2										FIS		EAR 2						L
	1	E	PROC.	PRIOR	DUE		2005							ENDAF	YEAR	2006							C	ALENI	OAR YE	EAR 20	07		_	A
PROCUREMENT Y	EAR	R	QTY	TO	AS OF	0	N	D	J	F	M	A	M	J	J	A	S	0	N	D	J	F	M	A	M	J	J	A	S	T
	,	V		1 OCT 2005	1 OCT 2005	C	O V	E C	A N	E B	A R	P R	A Y	U N	U L	U G	E P	C T	O V	E C	A N	E B	A R	P R	A	U N	L.	U G	E P	E R
2002	USA	F	2	2	0		<u> </u>	Ť								Ť			Ė		- 1									0
2003	USAI	F	4	3	1							1																		0
2004	USAI	F	4	0	4	-										1					1						1	1		0
2005	USA		4	0	4																									4
2006	USAI	_	5	0	5																									5
2007	USA		5	0	5	i																								5
2008	USA		5	0	5																									5
2009	USA		5	0	5	i																								5
2010	USAI	_	5	0	5																									5
2011	USA		5	0	5	i																								5
2012	USAI	_	5	0	5																									5
2013	USAI	F	5	0	5																							↓		5
TOTAL			54	5	49							1				1					1						1	1		44
						0	N	D	J	F	M	A	M	J	J	A	S	0	N	D	J	F	M	A	M	J	J	A	S	
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					Innoniion		I V	С	N	В	R	R	Υ	N	L	G	F	<u> </u>	V	C	N	В	R	R	Υ	N	L	G	Р	
					PRODUCT				1					PRO		MENT	LEAD	IIME												
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ITEMA/MANULES OTLIDEDIO N			LOCATION		SUST	HOU		A							LEAD	TIME			MFG			TOTAL AFTEF								
ITEM/MANUFACTURER'S N Global Hawk / Northrop Grumn	AIVIE					DAYS		X	-					DD	IOR	AF	FED		TIME			AFTER 1 OCT								
Global Hawk / Northrop Grumn	nan		Rancho Berr	nardo, CA	4	1-8-5									CT	1 C						1001								
									INITIA	\L																				
									REOF	RDER																				
REMARKS																														
Deliveries for the 2006 procure	nent year and p	orior ar	e based off of	negotiated c	ontracts. All	deliver	ies for t	he 2007	procur	ement y	ear and	beyon	d are co	nsidered	l "proje	cted" ar	nd subje	ct to ch	ange ba	sed on	the need	ds of the	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. 19

Production Schedule Exhibit P-21, page 12 of 26

Exhib	t P-21, Productio	n Sched	lule																			D	ate:	Febr	uary	2007	•			
Appropi	iation (Treasury) Cod	e/CC/BA/I	BSA/Item (Control No	ımber													Р	-1 Lin	e Iten	n Non	nencla	ature							
	aft Procureme					ivity	/ 04,	Otl	her .	Airc	raft	, Ite	m N	lo. ′	19			C	SLO	BAI	L H	٩W	〈							
		S		ACCEP.	BALANCE	l				FIS	SCAL Y	EAR 2										FIS		EAR 2						L
		E	PROC.	PRIOR	DUE		2007						CAL	ENDAR	YEAR	2008							C	ALENI	OAR YI	EAR 20	09			Α
	PROCUREMENT YEAR	R	OTY	TO	AS OF	О	N	D	J	F	M	Α	M	J	J	Α	S	О	N	D	J	F	M	Α	M	J	J	Α	S	T
		V	()	1 OCT 2007	1 OCT 2007	C	O V	E	A N	E B	A R	P R	A Y	U N	U	U G	E P	C T	O V	E C	A N	E B	A R	P R	A Y	U N	U	U G	E P	E R
200	2	USAF	2	2007	2007)	,		- ''	В	- 1	- 10	1	-11		-	-				- 1		- 1	- 1	1	- 11			•	0
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200	4	USAF	4	4	. 0)																								0
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200		USAF	5	0	5	i																								5
200		USAF	5	0	5	i																								5
201		USAF	5	0	5	i																								5
201		USAF	5	0	5	5																								5
201		USAF	5	0	5	5																								5
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TOTAL			54	10	44		1	1	1	1							1	1		1		1		1		1		1		32
						0	N	D	J	F	М	A	M	J	J	A	S	0	N	D	J	F	M	A	M	J	J	A	S	İ
						C	0	E	A	E	A	P	A	U	U	U	E	C	O V	E	A	E	A	P	A	U	U	U	E P	İ
					IDDODIJO:	I	I V	С	N	В	R	R	Y	N	L	G	F		V	C	N	В	R	R	Y	N	L	G	Р	<u>i </u>
					PRODUCT									PRO		MENT	LEAD	IIIVIE			ı			-						
					MIN	SHIF		M								MIN						TOTAL								
ITE N 4 /N 4 A	NUFACTURER'S NAME		LOCATION		SUST	DAYS		A X							LEAD	IIIVIE			MFG			AFTER								
Clabal Ha	wk / Northrop Grumman		Rancho Ber		1	1-8-5		^ 2	-					DD	IOR	AFT	TED	ł	TIME			1 OCT								
Спорат на	wk / Northrop Grumman		Kancho Ber	nardo, CA	4	1-8-3			1					10		1 C						1001								
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REMARK																														
Deliveries	for the 2006 procurement ye	ar and prior a	re based off o	f negotiated o	ontracts. All	deliver	ies for t	he 2007	procur	ement y	ear and	beyond	d are co	nsidered	l "proje	cted" an	ıd subje	ct to ch	ange ba	sed on	the need	ds of the	e Air Fo	orce. 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. 19

Production Schedule Exhibit P-21, page 13 of 26

Exhibit P-21, Production	on Sched	lule																			D	ate: l	Febr	uary	2007	,			
Appropriation (Treasury) Cod	de/CC/BA/	BSA/Item (Control No	ımber													Р	-1 Lin	e Iten	n Non	nencla	ature							
Aircraft Procureme					ivity	/ 04,	Otl	her	Airc	raft	, Ite	m N	۱o. ٔ	19			G	SLO	BAI	L HA	٩WŁ	(
	S		ACCEP.	BALANCE					FIS	SCAL Y	EAR 2										FIS		EAR 2						L
	E	PROC.	PRIOR	DUE		2009						CAL	ENDAF	R YEAR	2010							C	ALENI	OAR YI	EAR 20	11			Α
PROCUREMENT YEAR	R	OTY	TO	AS OF	О	N	D	J	F	M	Α	M	J	J	Α	S	О	N	D	J	F	M	Α	M	J	J	Α	S	T
	V	()	1 OCT 2009	1 OCT 2009	С	O V	E	A N	E B	A	P	A Y	U N	U	U G	E	С	O V	E	A N	E B	A R	P R	A Y	U N	U	U G	E	E R
2002	USAF	2	2007	. 0	1	'		11	Б	IX.	IX	1	11			-	-			11		IX	IX	1	11		<u> </u>	-	0
2003	USAF	4	4	0																							1		0
2004	USAF	4	4	. 0																							Ī		0
2005	USAF	4	4	0																									0
2006	USAF	5	5	0																									0
2007	USAF	5	3	2	1		1																						0
2008	USAF	5	0	5					1		1		1			1		1											0
2009	USAF	5	0	5																	1		1			1			2
2010	USAF	5	C	5																									5
2011	USAF	5	C	5																									5
2012	USAF	5	C	5																									5
2013	USAF	5	C	5																							<u> </u>		5
TOTAL		54	22	32			1		1		1		1			1		1			1		1			1	<u> </u>		22
					0	N	D	J	F	M	A	M	J	J	A	S	0	N	D	J	F	M	A	M	J	J	A	S	
					C	0	E	A	E	A	Р	A	U	U	U	E	C	O V	E	A	E	A	Р	A	U	U	U	E	
		1		Innonuo:	I	V	С	N	В	R	R	Y	N	L	G	I P		V	Ċ	N	В	R	R	Y	N	LL	G	Р	
				PRODUCT MIN	SHIF		N 4						PRO		MENT MIN	LEAD	IIIVIE			1			.						
				SUST	HOU		M A								TIME						TOTAL								
ITEM/MANUFACTURER'S NAME		LOCATION	ı	5051	DAYS		X							LEAD	IIIVIE			MFG			AFTER								
Global Hawk / Northrop Grumman		Rancho Ber		1	1-8-5		^	4					DD	IOR	AFT	TED	-	TIME			1 OCT	-							
Global Hawk / Northrop Gruinman		Kalicilo Bei	nardo, CA	4	1-0-3									OCT	1 0						1001								
								INITI/	۸L																				
			•			,		REOF	RDER	•		•		•		,		•			•								
REMARKS																													
Deliveries for the 2006 procurement y	ear and prior a	re based off o	f negotiated of	ontracts. All	deliver	ies for t	he 2007	procur	ement y	ear and	beyon	d are co	nsidered	l "proje	cted" ar	ıd subje	ct to ch	ange ba	sed on	the need	ds of the	Air Fo	orce. 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. 19

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Exhibit P-21, Production Schedu	ıle																			D	ate: I	Febr	uary	2007				
Appropriation (Treasury) Code/CC/BA/BS	SA/Item C	Control Nu	ımber													Р	-1 Lin	e Iten	n Nom	nencla	ature							
Aircraft Procurement, Air	Force,	Budg	et Acti	ivity	04,	Oth	ner <i>i</i>	Airc	raft	, Ite	m N	lo. 1	19			G	SLO	BAI	_ H <i>A</i>	١W	(
S		ACCEP.	BALANCE		2011			FIS	CAL Y	EAR 20				2012						FIS		EAR 2						L
PROCUREMENT YEAR E R V	PROC. QTY	PRIOR TO 1 OCT 2011	DUE AS OF 1 OCT 2011	O C T	2011 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	ALENI A P R	M A Y	J U N	J U L	A U G	S E P	A T E R
2002 USAF	2	2	0																									0
2003 USAF	4	4	0																									0
2004 USAF	4	4	0	-																		-						0
2005 USAF 2006 USAF	4	4	0	-	-																							0
2007 USAF	5	5	0	+	1																	-						- 0
2008 USAF	5	5	0	1																				1				0
2009 USAF	5	3	2	1		1																						0
2010 USAF	5	0	5					1			1			1		1		1										0
2011 USAF	5	0	5																	1		1			1			2
2012 USAF	5	0	5																									5
2013 USAF	5	0	5																									5
TOTAL	54	32	22	. 1		1		1			1			1		1		1		1		1			1			12
				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 N	J L	A U G	S E P	
			PRODUCT									PRO		MENT I	LEAD ⁻	TIME												
	LOCATION		MIN SUST	SHIF HOUI DAYS	RS	M A X							ADI LEAD				MFG			TOTAL AFTER								
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			-				INITIA															1						
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Deliveries for the 2006 procurement year and prior are	1 1 00 0																											

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

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Production Schedule Exhibit P-21, page 15 of 26

ΞxI	nibit P-21, Production	bit P-21, Production Schedule priation (Treasury) Code/CC/BA/BSA/Item Control Number P-1																	D	ate: I	Febru	ary :	2007							
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		USAF	1																							1		0		
OT.	AL		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	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	N O	D D	A U G	S E P		
					PRODUCT	ON RA	TES						•	PRO	CURE	MENT	LEAD 1	IME					•							
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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. 19

Production Schedule Exhibit P-21, page 16 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.

ΞxI	hibit P-21, Production	า Sched	ule																			D	ate: I	-ebru	ary:	2007				
۱рр	priation (Treasury) Code/CC/BA/BSA/Item Control Number P-1 L											-1 Lin	e Item	n Nom	nencla	ature														
٩iı	rcraft Procureme	nt, Air	Force,	, Budg	et Acti	vity	04,	Oth	ner /	4irc	raft	, Ite	m N	lo. ′	19			G	LO	BAL	_ H <i>A</i>	٩W١	(
	PROCUREMENT YEAR R PROC. R QTY																	FIS	SCAL Y	EAR 20 ALEND		EAR 200	05			L A				
PROCUREMENT YEAR													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
		USAF	1	1	0																									0
OT.	AL		1	1	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	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	N N	J U L	A U G	S E P		
					PRODUCT	ON RA	TES						•	PRO	CURE	MENT	LEAD 1	IME									•			
TEN	//MANUFACTURER'S NAME		I	SUST	-	RS	M A X								MIN TIME			MFG TIME			TOTAL AFTEF									
ИСЕ	/ Northrop Grumman		1	1-8-5		2							IOR OCT	AFT 1 C			TIIVIL			1 OCT	•									
									INITIA	L					2		2			25			27	1						
									REOR	DER					2		2			25			27							
	INDKS																													

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. 19

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.

Ξx	hibit P-21, Productior	bit P-21, Production Schedule priation (Treasury) Code/CC/BA/BSA/Item Control Number P-1																	D	ate: I	Febru	ary :	2007							
۱pp	propriation (Treasury) Code	e/CC/BA/E	3SA/Item C	Control Nu	ımber													P	-1 Lin	e Item	n Nom	nencla	ature							
٩i	rcraft Procureme	nt, Air	Force,	, Budg	et Acti	vity	04,	Oth	ner /	4irc	raft	, Ite	m N	lo. ′	19			G	LO	BAL	_ H <i>A</i>	٩W١	(
	Record Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 19 GLO																	FIS		EAR 20 ALEND		AR 200	7			L A				
	PROCUREMENT YEAR	R V		1 OCT	1 OCT	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
		USAF	1																									0		
OT	AL		1	1	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	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	N O	D D	A U G	S E P	
					PRODUCT	ON RA	TES						•	PRO	CURE	MENT	LEAD 1	IME												
TEN	И/MANUFACTURER'S NAME		LOCATION	I	SUST	SHIFT HOUF DAYS	RS	M A X								MIN TIME			MFG TIME			TOTAL AFTEF								
ИСЕ	E/ Northrop Grumman		Rancho Berr	nardo, CA	1	1-8-5		2							IOR OCT	AFT 1 C			IIIVIL			1 OCT	-							
									INITIA	L					2		2			25			27	1						
									REOR	DER					2		2			25			27							
	MARKS		·																											

P-1 Shopping List Item No. 19

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, Productio	hibit P-21, Production Schedule																	D	ate:	-ebru	ary	2007							
Appropriation (Treasury) Cod	e/CC/BA/E	3SA/Item (Control No	ımber													F	-1 Lin	e Iten	n Non	nencla	ature							
Aircraft Procureme	nt, Air	Force	, Budg	et Acti	vity	04,	Otl	ner A	Airc	raft	, Ite	m N	۱o.	19				GLO	BAI	L H	٩Wk	(
	S	PDOC	ACCEP. PRIOR	BALANCE DUE		2007			FIS	CAL Y	EAR 2		ENDAI	R YEAF	R 2008						FIS		EAR 20 ALEND		AR 200)9			L A
PROCUREMENT YEAR	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
2002	USAF	1	1	0																									0
TOTAL		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	0
ITEM/MANUFACTURER'S NAME		LOCATION	M	SUST	SHIF HOUI DAYS	T RS	M A X						PRC	AD	MENT MIN TIME	LEAD	TIME	MFG			TOTAL								
MCE/ Northrop Grumman		Rancho Ber			1-8-5		2							IOR OCT		TER OCT		TIME			1 OCT								
REMARKS								REOR						2		2			25 25			27 27							

P-1 Shopping List Item No. 19

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	hibit P-21, Production Schedule																	D	ate:	-ebru	ary	2007							
Appropriation (Treasury) Code	e/CC/BA/E	3SA/Item (Control Nu	ımber													F	-1 Lin	e Iten	n Non	nencla	ature							
Aircraft Procureme	nt, Air	Force	, Budg	et Acti	vity	04,	Otl	her A	Airc	raft	, Ite	m N	۱o.	19				GLO	BAI	L H	٩Wk	(
	S	PDOC	ACCEP. PRIOR	BALANCE DUE		2009			FIS	CAL Y	EAR 2		ENDAI	R YEAF	R 2010						FIS		EAR 20 ALEND		AR 201	11			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
2002	USAF	1	1	0																									0
TOTAL		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	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
ITEM/MANUFACTURER'S NAME		LOCATION	NI.	SUST	SHIF HOUF DAYS	T RS	M A X						PRC	AD	MENT MIN TIME	LEAD	TIME	MFG			TOTAL								
MCE/ Northrop Grumman		Rancho Ber			1-8-5	,	2							IOR		TER OCT		TIME			1 OCT								
REMARKS								REOR						2		2			25 25			27 27							

P-1 Shopping List Item No. 19

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.

Exh	hibit P-21, Production Schedule propriation (Treasury) Code/CC/BA/BSA/Item Control Number P-1																	D	ate: I	-ebru	uary 2	2007								
Appr	opriation (Treasury) Code	e/CC/BA/E	3SA/Item (Control No	umber													Р	-1 Lin	e Iten	n Nom	nencla	ature							
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		S	PROC	ACCEP. PRIOR	BALANCE DUE		2001			FIS	CAL Y	EAR 2		ENDAF	R YEAR	2002						FIS	SCAL Y C.			EAR 200	03			L A
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						C T	V	_	J A N				M A Y	J U N	J U L	A U G	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 L	A U G	S E P	ĺ
					PRODUCT	TON R	ATES							PRC	CURE	MENT	LEAD	TIME												
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	MANUFACTURER'S NAME		LOCATION			DAYS		Х	_										TIME			AFTER								
GS/No	orthrop Grumman		Rancho Ber	nardo, CA	1	1-8-5		2	_						IOR	AF 1 C	TER OCT					1 OCT								
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REMA	ARKS																													

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

P-1 Shopping List Item No. 19

Production Schedule Exhibit P-21, page 21 of 26

Exhil	bit P-21, Production	n Sched	lule																			D	ate: I	-ebru	uary 2	2007				
Appro	priation (Treasury) Code	e/CC/BA/E	BSA/Item (Control No	umber													Р	-1 Lin	e Iten	n Nom	nencla	ature							
Airc	raft Procureme	nt, Air	Force	, Budg	et Acti	vity	04,	Otl	her A	Airc	raft	, Ite	m N	lo. '	19			G	BLO	BAL	_ H <i>A</i>	١Wk	(
		S	PROC.	ACCEP. PRIOR	BALANCE DUE		2003			FIS	CAL Y	EAR 2		ENDAF	R YEAR	2004						FIS	CAL Y		005 OAR YE	AR 200	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
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20	007																											3		
	008	USAF	1	0	1																									1
	009	USAF	2	0	2																									2
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					PRODUCT									PRC	CURE	MENT	LEAD	TIME												
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	IANUFACTURER'S NAME		LOCATION			DAYS	3	Χ											TIME			AFTER								
GS/Nort	throp Grumman		Rancho Ber	nardo, CA	1	1-8-5		2	_						IOR OCT	AF 1 C	TER OCT					1 OCT								
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REMAR	RKS																													

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

P-1 Shopping List Item No. 19

Production Schedule Exhibit P-21, page 22 of 26

Exhibit P-21, P	roduction	n Sched	lule																			Da	ate: F	Febrι	uary 2	2007				
Appropriation (Tre	asury) Cod	e/CC/BA/I	BSA/Item (Control No	umber													Р	-1 Lin	e Iten	n Nom	nencla	ature							
Aircraft Pro	cureme	nt, Air	Force	, Budg	jet Acti	ivity	, 04,	Otl	her .	Airc	raft	, Ite	m N	۱o. ٔ	19			G	SLO	BAI	_ H/	٩W٢	<							
		S	PROG	ACCEP. PRIOR	BALANCE DUE		2005			FIS	CAL Y	EAR 2		ENDAF	R YEAR	2006						FIS	SCAL Y		007 DAR YE	EAR 200	07			L A
PROCUREMI	ENT YEAR	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
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2007		USAF	3	C	3																	<u> </u>		<u></u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>		3
2008		USAF	1	0	1																	<u> </u>				<u> </u>	<u> </u>	<u> </u>		1
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TOTAL			9	C	9				<u> </u>						. 1	<u> </u>						 -			 '	<u></u>	<u> </u>	1	لـــِــا	7
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					PRODUC1	TION R	ATES							PRC	CURE	MENT	LEAD	TIME												
ITEM/MANUEL OTUD	EDIO NAME		LOCATION		MIN SUST	SHIF	RS	M A								MIN TIME			MFG			TOTAL								
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REMARKS																														Į.

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

P-1 Shopping List Item No. 19

Production Schedule Exhibit P-21, page 23 of 26

Exhibit P-21,	Production	n Sched	ule																			Da	ate: I	Febru	uary	2007				
Appropriation (Tr	reasury) Code	e/CC/BA/E	3SA/Item (Control No	umber													Р	-1 Lin	e Item	n Nom	encla	ature							
Aircraft Pro	ocureme	nt, Air	Force	, Budg	et Acti	vity	04,	Oth	ner A	lirci	raft	, Ite	m N	lo.	19			G	LO	BAL	_ H <i>A</i>	١W٢	(
		S	PROC.	ACCEP. PRIOR	BALANCE DUE		2007			FISC	CAL Y	EAR 2		ENDAF	R YEAR	2008						FIS	CAL Y	EAR 2		EAR 200	09			L A
PROCURE	MENT 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
2004	USAF 1 1 0 USAF 1 1 0 USAF 1 1 1 0 USAF 1 1 1 0 USAF 1 1 1 1 0 USAF 1 1 1 1 0 USAF 1 U																											0		
2005 2006	USAF 1 1 0																								-	\vdash	0			
2007		USAF	3	0	3																				1				1	1
2008		USAF	1	0	1																									1
2009		USAF	2	0	2																									2
TOTAL			9	2	7										1										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	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	J L	A U G	S E P	
					PRODUCT	ION R	ATES							PRO	CURE	MENT	LEAD ⁻	TIME												
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ITEM/MANUFACTU			LOCATION			DAYS	3	Χ											TIME			AFTER								
GS/Northrop Grumma	ın		Rancho Ber	nardo, CA	1	1-8-5		2							IOR OCT	AFT 1 C						1 OCT								
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REMARKS																														

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

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Exh	nibit P-21, Production	n Sched	lule																			D	ate: I	-ebru	uary 2	2007				
Appr	ropriation (Treasury) Code	e/CC/BA/E	3SA/Item (Control No	umber													Р	-1 Lin	e Iten	n Nom	nencla	ature							
Air	craft Procureme	nt, Air	Force	, Budg	et Acti	vity	04,	Otl	her /	4irc	raft	, Ite	m N	اo. '	19			G	LO	BAI	_ H/	١W	(
		S	PROC.	ACCEP. PRIOR	BALANCE DUE		2009			FIS	CAL Y	EAR 2		ENDAF	R YEAR	R 2010						FIS	SCAL Y			EAR 201	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
	2004	USAF	1	1	0																									0
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	2008	USAF	1	0	1									1																0
	2009	USAF	2	0	2															1								1		0
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					PRODUCT	ION R	ATES							PRC	CURE	MENT	LEAD	TIME												
					MIN SUST	SHIF HOU	RS	M A								MIN TIME			MFG			TOTAL								
	/MANUFACTURER'S NAME		LOCATION			DAYS	3	Х											TIME			AFTER								
GS/No	orthrop Grumman		Rancho Ber	nardo, CA	1	1-8-5		2	1						IOR OCT	AF 1 C						1 OCT								
									INITIA						2		2			25			27							
DEL	4 DIVO								REOR	DER					2		2			25			27							
KEM/	ARKS																													

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

P-1 Shopping List Item No. 19

Production Schedule Exhibit P-21, page 25 of 26

Exhibit P	2-21, Production	n Sched	ule																			D	ate: I	-ebru	uary 2	2007				
Appropriation	ion (Treasury) Code	e/CC/BA/E	3SA/Item (Control No	umber													Р	-1 Lin	e Iten	n Nom	nencla	ature							
Aircraft	t Procureme	nt, Air	Force	, Budg	et Acti	vity	04,	Otl	her <i>i</i>	Airc	raft	, Ite	m N	lo.	19			C	SLO	BAI	_ H/	٩Wk	(
		S	PROC.	ACCEP. PRIOR	BALANCE DUE		2011			FIS	CAL Y	EAR 2		ENDAF	R YEAR	2012						FIS	CAL Y			EAR 201	13			L A
PRO	OCUREMENT 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
2004		USAF	1	1	0																									0
2005	USAF 1 1 0																						$\vdash\vdash$	-	-		0			
2007	USAF 1 1 0																										0			
2008	USAF 3 3 0																											0		
2009		USAF	2	2	. 0																					<u> </u>	<u> </u>	<u> </u>		0
TOTAL			9	9	0																						<u> </u>	<u> </u>		0
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	A Y	N N	U L	A U G	S E P	C T	N O V	υшο	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	
					PRODUCT	ION R	ATES							PRC	CURE	MENT	LEAD :	TIME												
					MIN SUST	SHIF	RS	A							AD	MIN TIME			MFG			TOTAL								
	FACTURER'S NAME		LOCATION			DAYS	3	Х											TIME			AFTER								
GS/Northrop G	Frumman		Rancho Ber	nardo, CA	1	1-8-5		2							IOR OCT	AF1	TER OCT					1 OCT								
				•					INITIA						2		2			25			27							
							-		REOR	RDER	-		-		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. 19

Production Schedule Exhibit P-21, page 26 of 26

Exhibit P-40, Budget Item J	ustification								Dat	e: February	2007	
Appropriation (Treasury) Code/CC	/BA/BSA/Item C	ontrol Number						P-1 Line Ite	m Nomenclatu	ire		
Aircraft Procurement,	Air Force,	Budget Act	tivity 04,	Other Air	craft, Iter	n No. 20		GLOBA	L HAWK	Advance	Procure	ment
Program Element for Code B Ite	ems:	N/A	-		Other Relate	ed Program E	lements:		N/A			
	ID Code	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Comp	Total
Proc Qty	A											0
Cost (\$ M)												0.000
Advance Proc Cost (\$ M)		202.034	64.121	50.717	63.841	53.832	54.949	59.700	62.100		TBD	TBD
Weapon System Cost (\$ M)		202.034	64.121	50.717	63.841	53.832	54.949	59.700	62.100	0.000	TBD	TBD
Initial Spares (\$ M)												0.000
Total Proc Cost (\$ M)		202.034	64.121	50.717	63.841	53.832	54.949	59.700	62.100	0.000	TBD	TBD
Flyaway Unit Cost (\$ M)												
Wpn Sys Unit Cost (\$ M)												

Description

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

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

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

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 spiral development to enhance the system to meet requirements as documented in updates to the Capability Development Document (CDD). During this time, the user will determine the optimal payload configuration and quantity for each aircraft based on current operational requirements. To accommodate the concurrent development and production strategy, one of the aircraft procured in FY04 will initially be used for flight characterization test activity of the Block 20 configuration. In addition, one of the aircraft procured in FY05 and one aircraft procured in FY06 will be used initially for advanced payloads testing, for Blocks 30 and 40, respectively.

P-1 Shopping List Item No. 20

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

UNCLASSIFIED	
Exhibit P-40, Budget Item Justification	Date: February 2007
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number	P-1 Line Item Nomenclature
Aircraft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 20	GLOBAL HAWK Advance Procurement
FY 2008 Program Justification	
In FY08 advance procurement will procure aircraft and ground segment produced beginning in FY09 and delivered beginn Global Hawk RQ-4B aircraft (with optimal payload configurations and quantity as determined by the user), two Ground Se support systems.	
FY 2009 Program Justification	
In FY09 advance procurement will procure aircraft produced beginning in FY10 and delivered beginning in FY12. The adaircraft (with optimal payload configurations and quantity as determined by the user), associated support systems, and associated support systems.	

P-1 Shopping List Item No. 20

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

Exhibit P-10 p.1, Advance (Page 1 - Funding)	⊋ Procureme	ent Requirer	nents Analy	ysis						Date:	February 2	007	
Appropriation (Treasury) Code/0	CC/BA/BSA/Ite	m Control Num	ıber					Р	-1 Line Item N	lomenclature	,	•	
Aircraft Procuremen	t, Air Fore	ce, Budge	t Activity	04, Oth€	r Aircraf	t, Item N	o. 20	G	LOBAL	HAWK /	Advance	Procurem	nent
Weapon System					<u> </u>	First System	Award Date			First System	Completion D	Jate	
HAE_AP							Jun-	-01			Sep	o-03	
				FY 2006	(\$ in FY 2007	Millions) FY 2008	FY 2009					, , , , , , , , , , , , , , , , , , , 	!
<u>Description</u>	<u>PLT</u>	When Rqd	Prior Years	<u>FY 2010</u>	<u>FY 2011</u>	FY 2012	<u>FY 2013</u>	To Comp	<u>Total</u>				
End Item Qty		7	14	5	5	5	5	TBD	54				
CFE		\top	202.034	64.121	44.891	47.180	36.822	37.576	38.357	32.944	0.000	TBD	503.925
GFE			0.000	0.000	5.826	16.661	17.010	17.373	21.343	29.156	0.000	TBD	107.369
			 			 -						 	!
EOQ				N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.000
Design				N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.000
Term Liability				N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.000
		<u>'</u>	1	Į.	, ,	ı	1	1	l l	1		1	0.000
TOTAL AP			202.034	64.121	50.717	63.841	53.832	54.949	59.700	62.100	0.000	0.000	611.294
<u>Description</u>	1 1 1 0	1:	Clabal Hand	······································	1 1	11	141 - CC (MC	CE 4 I DE'					

CFE and GFE figures are the long lead funding costs for Global Hawk aircraft with associated payloads and the GS (MCE and LRE).

P-1 Shopping List Item No. 20

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

Exhibit P-10 p.2, Adva (Page 2 - Budget Just		ent Require	ements An	alysis							[Date: Febi	uary 20	07	
Appropriation (Treasury) Co	ode/CC/BA/BSA/Iter	m Control Nu	ımber							P-1 Line Ite	m Nomeno	lature			
Aircraft Procurem	nent, Air Ford	e, Budg	et Activi	ty 04,	Other Ai	rcraft, It	tem No	o. 20		GLOBA	L HAW	K Adva	ance P	rocurem	nent
Weapon System									<u> </u>						
HAE_AP															
					<u>(T</u>	OA, \$ in N	Millions)								
					2006	2006		2007	2007		2008	2008		2009	2009
					Contract	<u>Total</u>		Contract	Total		Contract	<u>Total</u>		Contract	Total
				2006	Forecast	Cost	2007	Forecast	Cost	2008	Forecast	Cost	2009	Forecast	Cost
Description	<u>PLT</u>	QPA	Unit Cost	QTY	<u>Date</u>	Request	QTY	Date	Request	QTY	<u>Date</u>	Request	QTY	<u>Date</u>	Request
End Item					5 May-06	295.442		5 Mar-07	397.300	5	Mar-08	514.005		5 Mar-09	661.100
CFE Aircraft lead items			10.457		5	52.283		5	40.859	£		38.943		5	36.822
GS Lead Items			3.946		3	11.838		1	4.032	3		8.237		3	30.822
GFE GFE			3.940		3	11.030		1	5.826			16.661			17.010
OI L					<u> </u>		<u> </u>		3.020		l	10.001	<u> </u>		17.010
EOQ	N/A					N/A			N/A			N/A			N/A
Design	N/A					N/A			N/A			N/A			N/A
Term Liability	N/A					N/A			N/A			N/A			N/A
TOTAL AP						64.121			50.717			63.841			53.832

P-1 Shopping List Item No. 20

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

Exhibit P-40, Budget Item Jus	tification								Dat	e: February	2007	
Appropriation (Treasury) Code/CC/BA	/BSA/Item Co	ntrol Number		P-1 Line Iter	m Nomenclatu	re						
Aircraft Procurement, Ai	r Force,	Budget Ac	MQ-9									
Program Element for Code B Items	:	0205219F			Other Relate	ed Program E	lements:		0305219F			
	ID Code	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Comp	Total
Proc Qty	A				4	9	11	11	8	8		51
Total Proc Cost (\$ M)			0.000	0.000	58.470	162.055	196.083	193.115	147.498	150.431		907.652

Description

Note: Prior to FY08 MQ-9 was in PE 0305219F.

Reaper procurement includes all components of the MQ-9 weapon system. The basic MQ-9 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-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-based attack asset with on-board hard-kill capability (hunter-killer) and also perform Intelligence, Surveillance, Reconnaissance and Target Acquisition (ISR TA) as a secondary role. In the hunter-killer role, the aircraft will employ fused multi-spectral sensors to automatically find, fix, and track ground targets (Automatic Target Cueing (ATC), Target Location Accuracy (TLA), Metric Sensor and other capabilities) and assess post-strike results. The MQ-9 will also explore and if appropriate develop and integrate Signals Intelligence (SIGINT) sensors capabilities. The MQ-9 is in continuing development and will field capability through incremental upgrades. The baseline development includes both a risk reduction phase, FY04 & FY05 Quick Reaction/ Interim Combat Capabilities (ICC), and a System Development & Demonstration (SDD) phase. Risk reduction started in FY03 and includes system design, drawings, specifications, and initial standardized (MIL-STD-1760) advanced weapons data bus efforts. The SDD effort began in FY05 and includes developing and testing the MQ-9's baseline capability and preliminary technical orders. Capabilities in development include increasing the aircraft's gross take-off weight; enhancing aircraft systems to include integrated redundant avionics, ice detection capability, navigation system upgrades, electrical system upgrades, sensor/stores management computer, MIL-STD-1760 advanced weapons data bus, advanced sensor and weapons payloads, and improved human-machine interface; integrating standard "precision" weapons (GBU-12/38/49); hardware and software upgrades to the ground control station (GCS) for MQ-9 operations; completing airworthiness certification; weapons system certification and accreditation; and

The Ground Control Station (GCS) functions as the aircraft cockpit and can control the aircraft either within line-of-sight (LOS) or beyond LOS (BLOS) via a combination of satellite relay and terrestrial communications. The GCS is either mobile to support forward operating locations or fixed at a facility to support Remote Split Operations (RSO). The GCS has the capability to perform mission planning; provide a means for manual and/or autonomous control and a GCS configuration to allow control of multiple aircraft and payloads; allow personnel to launch, recover, and monitor aircraft, payloads, and system communications status; secure data links to receive payload sensor data and command links; monitor threats to the aircraft; display common operational picture; and provide support functions. Additionally, a 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 aircraft capabilities 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. 22

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

UNCLASSIFIED	
Exhibit P-40, Budget Item Justification	Date: February 2007
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number	P-1 Line Item Nomenclature
Aircraft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 22	MQ-9
FY 2008 Program Justification Procurement funding includes MQ-9 Reaper aircraft, sensors and weapons kits, mobile and fixed Ground Control Stations (Communication Systems, simulators & training devices, production support, Ground Data Terminals (GDT), initial spares, I and initial technical data/training.	
FY 2009 Program Justification Procurement funding includes MQ-9 Reaper aircraft, sensors and weapons kits, mobile and fixed Ground Control Stations (Communication Systems, simulators & training devices, production support, Ground Data Terminals (GDT), initial spares, land initial technical data/training.	

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P-1 Shopping List Item No. 22

Budget Item Justification Exhibit P-40, page 2 of 7

Exhibit P-5, Weapon System Cost Anal	ysis									Date: Feb	ruary 200)7	
Appropriation (Treasury) Code/CC/BA/BSA/Item	Control Number							P-1 Line	Item Nomen	clature			
Aircraft Procurement, Air Force	, Budget A	ctivity	04, Othe	r Aircra	ft, Item	No. 22		MQ-9					
Manufacturer's Name/Plant City/State Location	on			Subline Ite	em								
General Atomics ASI/Rancho Bernardo/CA													
Weapon System	Ident			•		Total	Cost in M	illions of D	ollars				
Cost Elements	Code		FY 2006			FY 2007			FY 2008			FY 2009	
				Total			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							4	12.499	49.995	9	11.900	107.098
Production Support (2)	A									8.475			7.605
Ground Control Systems (3)	A												
Communication Systems (4)	A										1		2.231
Initial/Deployment Support Kits(5)	A												35.777
Support Equipment (6)	A												9.344
Training Device/Simulator	A												
TOTAL PROGRAM										58.470			162.055
Comments	•		•		•			•		•			
(1) 160 0 1		. 1	: 1 CEE										

- (1) MQ-9 total aircraft cost includes MTS sensor, Lynx SAR, and associated GFE.
- (2) Production Support includes Other Government Costs (OGC) and program management support for MQ-9, production tooling, and production specific data/drawings.
- (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 Satellite Links (PPSL). Additionally, this line funds other communication equipment.
- (5) Deployment support kit unit cost varies base on kit content (i.e. MQ-9 kit includes Lynx SAR).
- (6) Integrated Logistics Support includes initial spares, support equipment, technical data/training, and organic repair capability startup for the MTS laser sensor.

P-1 Shopping List Item No. 22

Weapon System Cost Analysis Exhibit P-5, page 3 of 7

Exhibit P-5A, Procurement History and Planning								Date: February 2007					
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number										Line Item Nomenclature			
Aircraft Procurement, Air Force, Budget Activity 04, Othe									<u>1-9</u>				
Weapon System MO 0					Subline Item								
MQ-9			Location of	RFP Issue	Contract	Contract				Date of First	Specs Available	Date Revision	
WBS Cost Elements	Qty	Unit Cost	PCO	Date	Method	Туре	Contractor and Location		Award Date	Delivery	Now?	Available?	
FY 2008													
MQ-9/General Atomics ASI	4		658th/PK		SS	FFP	MQ-9/General Atomics ASI		Jun-08	Dec-09	Yes		
FY 2009	•												
MQ-9/General Atomics ASI	9		658th/PK		SS	FFP	MQ-9/General Atomics ASI		Jun-09	Jul-10	Yes		
PPSL/L-3 Comm	1		658th/PK		SS	FFP	PPSL/L-3 Comm		Feb-09	Mar-10	Yes		
FY 2010													
MQ-9/General Atomics ASI	11		658th/PK		SS	FFP	MQ-9/General Atomics ASI		Feb-10	May-11	Yes		
GCS/General Atomics ASI	5		658th/PK		SS	FFP	GCS/General Atomics ASI		Feb-10	Feb-11	Yes		
PPSL/L-3 Comm	2		658th/PK		SS	FFP	PPSL/L-3 Comm		May-10	Feb-11	Yes		
FY 2011													
MQ-9/General Atomics ASI	11		658th/PK		SS	FFP	MQ-9/General Atomics ASI		Feb-11	Jun-12	Yes		
GCS/General Atomics ASI	3		658th/PK		SS	FFP	GCS/General Atomics ASI		Feb-11	Feb-12	Yes		
PPSL/L-3 Comm	1		658th/PK		SS	FFP	PPSL/L-3 Comm		Feb-11	Jan-12	Yes		
FY 2012	•												
MQ-9/General Atomics ASI	8		658th/PK		SS	FFP	MQ-9/General Atomics ASI		Feb-12	Jun-13	Yes		
GCS/General Atomics ASI	2		658th/PK		SS	FFP	GCS/General Atomics ASI		Feb-12	Feb-13	Yes		
FY 2013													
MQ-9/General Atomics ASI	8		658th/PK		SS	FFP	MQ-9/General Atomics ASI		Feb-13	Jun-14	Yes		
GCSGeneral Atomics ASI	2		658th/PK		SS	FFP	GCS/General Atomics ASI		Feb-13	Feb-14	Yes		
Remarks			·			•	•		•	•		•	
				D_1 Shope	oing List Iter	n No. 22			Drac	uromont L	listory and	Dlannina	
				r-i snop	Jing LIST ITE	II INU. ZZ			FIOC		it P-5A, pag		

Exhibit P-21, Production																					D	ate: l	Febr	uary	2007				
Appropriation (Treasury) Code	e/CC/BA/E	SSA/Item (Control Nu	ımber													P-	1 Lin	e Iten	n Nom	nencla	ature							
Aircraft Procureme	nt, Air	Force,	Budg	et Acti	ivity	04,	Oth	ner A	irci	raft,	, Ite	m N	lo.	22			N	IQ-9)										
	ç		ACCEP.	BALANCE					FISC	CAL YE	EAR 20	010									FIS	SCAL Y	EAR 2	011					L
	E	PPOC	PRIOR	DUE		2009						CALI	ENDAF	R YEAR	2010							C	ALENI	OAR YE	EAR 20	11			Α
PROCUREMENT YEAR	D		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
	OCUREMENT YEAR FROC. PRIOR TO AS OF TO 1 OCT 2009 T V C N B R R Y N L G G G G G G G G G														E	C	О	E	Α	E	Α	P	Α	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
2008	USAF	4	0	4			1		1		1		1																0
2009	USAF	9	0	9										1	1	1	1	1	1		1	1	1						0
2010	USAF	11	0	0 11																			1	1	1	1	1	6	
2011	USAF	11	0 11 0 11																										11
2012	USAF	8	11 0 11 8 0 8 0 8																										8
2013	USAF 11 0 11																											8	
TOTAL		51	0	51			1		1		1		1	1	1	1	1	1	1		1	1	1	1	1	1	1	1	33
					0	N	D	J	F	M	Α	M	J	J	Α	S	0	Ν	D	J	F	M	Α	M	J	J	Α	S	
					С	0	Е	Α	E	Α	Р	Α	U	U	U	Е	С	0	Е	Α	E	Α	Р	Α	U	U	U	E	
					T	V	С	N	В	R	R	Υ	N	L	G	Р	T	V	С	N	В	R	R	Υ	N	L	G	Р	
				PRODUC1									PRC			LEAD 1	ГІМЕ												
				MIN	SHIF		M								MIN														l
				SUST	HOUR		Α							LEAD	TIME			MFG			TOTAL								l
ITEM/MANUFACTURER'S NAME		LOCATION			DAYS	3	Χ											TIME			AFTEF								I
MQ-9		Rancho Bern	nardo, CA	6	1-8-5		18							IOR	AFT						1 OCT	-							I
	10CT 10													1 C	CT							1						l	
			INITIAL 6												6			14			20								
								REORD	ER					1		1			14			15							
REMARKS																													

P-1 Shopping List Item No. 22

Production Schedule Exhibit P-21, page 5 of 7

Exhibit P-21, Production	n Sched	ule																			D	ate: l	Febr	uary	2007	,			
Appropriation (Treasury) Code	e/CC/BA/E	3SA/Item (Control Nu	mber													P.	-1 Lin	e Iten	n Nom	nencla	ature							
Aircraft Procureme	nt, Air	Force,	Budg	et Acti	ivity	04,	Oth	ner A	irci	raft	, Ite	m N	lo.	22			N	1Q-9	•										
	S	DDOG	ACCEP. PRIOR	BALANCE DUE		2011			FISC	CAL Y	EAR 2		ENDAI	R YEAR	R 2012						FIS		EAR 2		EAR 20	13			L A
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2008	USAF	4	4	0		·	_								_														0
2009	USAF	8	8	0																									0
2010	USAF	11	5	6	1	1	1	1	1	1																			0
2011	USAF	11	0	11									1	1	1	1		1	1	1	1	1	1	1					0
2012	USAF	8	0	8																					1	1		1	5
2013	USAF	8	0	8																									8
TOTAL		50	17	33	1	1	1	1	1	1			1	1	1	1		1	1	1	1	1	1	1	1	1		1	13
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ITEM/MANUFACTURER'S NAME		LOCATION	l		DAYS	;	Х											TIME			AFTER	3							I
MQ-9		Rancho Berr	nardo, CA	6	1-8-5		18							IOR DCT	AF1 1 C	TER OCT		IIIVIL			1 OCT	-							
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REMARKS																													

P-1 Shopping List Item No. 22

Production Schedule Exhibit P-21, page 6 of 7

Exhib	it P-21, Productio	n Sched	ule																			D	ate:	Febr	uary	2007	,			
Approp	oriation (Treasury) Code	e/CC/BA/E	3SA/Item C	Control Nu	ımber													Р	-1 Lin	e Iten	n Non	nencla	ature							
Aircı	raft Procureme	nt, Air	Force,	Budg	et Acti	ivity	04,	Oth	ner /	Airc	raft	, Ite	m N	lo.	22			N	/IQ-9	9										
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		E	PROC.				2013						CALI	ENDAF	R YEAF	2014							C	ALENI	DAR YI	EAR 20	15			A
S DDIOD DUE 2013 CALENDAD VEAD 2014 CALENDAD VEAD 2015 A																														
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20	13	USAF	8	0	8									1	1		1		1		1		1	1	1					C
TOTAL			16	3	13	1		1	1		1	1		1	1		1		1		1		1	1	1					C
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REMARI	KS															11														

P-1 Shopping List Item No. 22

Production Schedule Exhibit P-21, page 7 of 7

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Exhibit P-40, Budget Item Just	tification								Date	e: February	2007	
Appropriation (Treasury) Code/CC/BA	/BSA/Item Co	ntrol Number						P-1 Line Iter	m Nomenclatu	re		
Aircraft Procurement, Ai	r Force, I	Budget Act	PREDA	TOR UAV	,							
Program Element for Code B Items	:	0305219F			Other Relate	ed Program E	lements:		0305205F			
	ID Code	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Comp	Total
Proc Qty	A	102	26	26	24	26	42	26	24	18	TBD	TBD
Total Proc Cost (\$ M)		404.656	253.562	235.027	277.999	287.376	250.941	151.915	134.206	111.132	TBD	TBD

Description

Note: MQ-9 Program will move to PE 0205219F in FY08. Historical MQ-9 accomplishments remain in this document.

Predator procurement includes all components of the MQ-1 weapon system and the MQ-9 through FY07. 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.

Breakout of aircraft quantities:

	FY06	FY07	FY08	FY09	FY10	FY11	FY12	FY13
MQ-1	24	24	24	26	42	26	24	18
MQ-1 MQ-9 Total	2	2						
Total	26	26	24	26	42	26	24	18

The MQ-1 aircraft is a single-engine, propeller-driven, remotely piloted aircraft (formerly called unmanned aerial vehicle) designed to operate over-the-horizon at medium altitude for long endurance sorties. The aircraft is designed to provide real-time Intelligence, Surveillance, Reconnaissance, and Target Acquisition (ISR TA), and attack roles to aggressively prosecute Time Sensitive Targets (TST). The MQ-1 will operate primarily at medium altitudes, integrating with joint aerospace, ground, and maritime forces as well as coalition and Allied forces, to execute combatant commander priority missions. The aircraft carries a Multi-spectral Targeting System (MTS) (a sensor turret that incorporates electro-optical (EO), Infra-Red (IR), laser designator, and IR illuminator) capable of transmitting real-time motion imagery throughout the operational theater. The program will develop and integrate Target Location Accuracy and Metric Sensor improvements. Additionally the aircraft is multi-configurable to carry either a Synthetic Aperture Radar (SAR) or Hellfire laser-guided missiles. The MQ-1 aircraft will continue to evolve and upgrade its capabilities (which may include signals intelligence (SIGINT), communications, Target Location Accuracy and other sensor packages) to satisfy new requirements and address reliability and maintainability (R&M) and safety issues.

The Ground Control Station (GCS) functions as the aircraft cockpit and can control the aircraft either within line-of-sight (LOS) or beyond LOS (BLOS) via a combination of satellite relay and terrestrial communications. The GCS is either mobile to support forward operating locations or fixed at a facility to support Remote Split Operations (RSO). The GCS has the capability to perform mission planning; provide a means for manual and/or autonomous control and a GCS configuration to allow control of multiple aircraft and payloads; allow personnel to launch, recover, and monitor aircraft, payloads, and system communications status; secure data links to receive payload sensor data and command links; monitor threats to the aircraft; display common operational picture; and provide support functions. Additionally, a 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 aircraft capabilities and the missions they perform.

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

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Budget Item Justification Exhibit P-40, page 1 of 28

Exhibit P-40, Budget Item Justification	Date: February 2007
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. 21	PREDATOR UAV

FY 2008 Program Justification

Procurement funding includes MQ-1 aircraft, sensors and weapons kits, mobile and fixed Ground Control Stations (GCS), Launch and Recovery Elements (LRE), Launch and Recovery GCS, Ground Communication Systems, simulators & training devices, production support, Ground Data Terminals (GDT), initial spares, Readiness Spares Packages (RSP), support equipment, and initial technical data/training.

FY 2009 Program Justification

Procurement funding includes MQ-1 aircraft, sensors and weapons kits, mobile and fixed Ground Control Stations (GCS), Launch and Recovery Elements (LRE), Launch and
Recovery GCS, Ground Communication Systems, simulators & training devices, production support, Ground Data Terminals (GDT), initial spares, Readiness Spares Packago
(RSP), support equipment, and initial technical data/training.

P-1 Shopping List Item No. 21

Budget Item Justification Exhibit P-40, page 2 of 28

Exhibit P-5, Weapon System Cost Anal	ysis									Date. I et	nuary 200	<i>1</i>	
Appropriation (Treasury) Code/CC/BA/BSA/Item (04 046	. Airere	[4	No. 24			Item Nomer				
Aircraft Procurement, Air Force	, Buaget A	ctivity	04, Otne	r Aircra	rt, item	NO. 21		PKEL	ATOR L	JAV			
Manufacturer's Name/Plant City/State Locatio	n			Subline Ite	m								
General Atomics ASI/Rancho Bernardo/CA													
Weapon System	Ident			•		Total	Cost in Mi	llions of D	ollars				
Cost Elements	Code		FY 2006			FY 2007			FY 2008			FY 2009	
				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	24	3.664	87.925	24	4.263	102.307	24	5.561	133.459	26	6.215	161.598
MQ-9 Reaper Aircraft (2)	A	2	15.717	31.433	2	14.611	29.222						
P3I	A												
Production Support (3)	A			6.515			12.586			4.535			9.575
Ground Control Systems (4)	A	2		34.197	4		29.992	12		40.292	7		24.101
Communication Systems (5)	A			3.117	2		10.628	5		10.922	3		11.060
Initial/Deployment Support Kits(6)	A			64.259			28.692			72.254			58.341
Support Equipment (7)	A			15.233			13.774			16.537			22.701
Training Device/Simulator	A			10.883			7.826						
TOTAL PROGRAM				253.562			235.027			277.999			287.376
Comments													

(1) Average unit cost includes aircraft with MTS laser sensor and Hellfire capability.

Exhibit D.F. Woonen System Cost Analysis

- (2) MQ-9 total aircraft cost includes MTS sensor, Lynx SAR, and associated GFE.
- (3) Production Support includes Other Government Costs (OGC) and program management support for both MQ-1 and MQ-9, production tooling, and production specific data/drawings.
- (4) Quantity for Ground Systems includes mobile and fixed GCSs. Additionally, this line funds other ground systems to include launch and recovery elements.
- (5) Quantity for Communication Systems includes Predator Primary Satellite Links (PPSL). Additionally, this line funds other communication equipment.
- (6) Deployment support kit unit cost varies based on aircraft type (MQ-1 or MQ-9) and kit content (i.e. MQ-9 kit includes Lynx SAR).
- (7) Integrated Logistics Support includes initial spares, support equipment, technical data/training, and organic repair capability startup for the MTS laser sensor.

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Weapon System Cost Analysis Exhibit P-5, page 3 of 28

Exhibit P-5A, Procurement Hist		<u>`</u>							Dat	e: February	2007	
Appropriation (Treasury) Code/CC/BA/E	3SA/Ite	m Control Nui	mber					P-1 Line It	em Nomenclatu	ıre		
Aircraft Procurement, Air	Ford	e, Budge	et Activity	04, Other	Aircraft,	Item No. 2	21	PRED#	ATOR UAV	1		
Weapon System					Subline Iter	n						
PRED												
WBS Cost Elements	Qty	Unit Cost	Location of PCO	RFP Issue Date	Contract Method	Contract Type	Contractor and I	Location	Award Date	Date of First Delivery	Specs Available Now?	Date Revision Available?
FY 2002									1			
RQ-1/MQ-1/General Atomics ASI	23		658th/PK		SS	FFP	RQ-1/MQ-1/Ge Atomics ASI, R Bernardo, CA		Dec-01	Jan-03	Yes	
MQ-9/General Atomics ASI	6		658th/PK		SS	Other	MQ-9/General A	Atomics	Oct-01	Dec-01	Yes	
FY 2003												
RQ-1/MQ-1/General Atomics ASI	22		658th/PK		SS	FFP	RQ-1/MQ-1/Ge Atomics ASI, R Bernardo, CA		Dec-02	Jul-04	Yes	
MQ-9/General Atomics ASI	3		658th/PK		SS	FPIF	MQ-9/General A	Atomics	Jan-04	Jun-05	Yes	
FY 2004												
RQ-1/MQ-1/General Atomics ASI	10		658th/PK		SS	FFP	RQ-1/MQ-1/Ge Atomics ASI, R Bernardo, CA		Jul-04	Sep-05	Yes	
MQ-9/General Atomics ASI	5		658th/PK		SS	FPIF	MQ-9/General A	Atomics	Aug-04	Oct-06	Yes	
GCS/General Atomics ASI	7		658th/PK		SS	FFP	GCS/General Ad ASI, Rancho Be CA		Mar-04	Aug-05	Yes	
PPSL/L-3 Comm	7		658th/PK		SS	FFP	PPSL/L-3 Comr Lake City, UT	n, Salt	Dec-03	Sep-04	Yes	
FY 2005												
RQ-1/MQ-1/General Atomics ASI	22		658th/PK		SS	FFP	RQ-1/MQ-1/Ge Atomics ASI, R Bernardo, CA		Nov-04	Feb-06	Yes	
MQ-9/General Atomics ASI	5		658th/PK		SS	FPIF	MQ-9/General A	Atomics	Oct-05	May-07	Yes	
GCS/General Atomics ASI	7		658th/PK		SS	FFP	GCS/General At ASI, Rancho Be CA		Feb-05	Sep-06	Yes	

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Procurement History and Planning Exhibit P-5A, page 4 of 28

xhibit P-5A, Procurement Hist	ory ar	nd Planning	9						Dat	e: February	2007	
ppropriation (Treasury) Code/CC/BA/E								P-1 Line It	em Nomenclatı	ıre		
Aircraft Procurement, Air	Ford	e, Budge	et Activity	04, Other	Aircraft,	Item No. 2	21	PREDA	ATOR UAV	1		
Veapon System				•	Subline Iter							
PRED												
NDC C . FI	01	H : C .	Location of	RFP Issue	Contract	Contract		11	10.	Date of First	Specs Available	Date Revision
	Qty	Unit Cost	PCO	Date	Method SS	Type FFP	Contractor and		Award Date	•	Now?	Available?
PPSL/L-3 Comm	1		658th/PK		55	FFP	PPSL/L-3 Con Lake City, UT		Sep-05	Dec-06	Yes	
FY 2006												
RQ-1/MQ-1/General Atomics ASI	24		658th/PK		SS	FFP	RQ-1/MQ-1/O Atomics ASI, Bernardo, CA	Rancho	Jul-06	Apr-07	Yes	
MQ-9/General Atomics ASI	2		658th/PK		SS	FPIF	MQ-9/Genera ASI	l Atomics	Oct-06	May-08	Yes	
GCS/General Atomics ASI	2		658th/PK		SS	FFP	GCS/General ASI, Rancho l CA		Feb-06	Sep-07	Yes	
FY 2007												
RQ-1/MQ-1/General Atomics ASI	24		658th/PK		SS	FFP	RQ-1/MQ-1/O Atomics ASI, Bernardo, CA	Rancho	Feb-07	Apr-08	Yes	
MQ-9/General Atomics ASI	2		658th/PK		SS	FFP	MQ-9/Genera ASI		Jun-07	Mar-09	Yes	
GCS/General Atomics ASI	4		658th/PK		SS	FFP	GCS/General ASI	Atomics	Feb-07	Feb-08	Yes	
PPSL/L-3 Comm	2		658th/PK		SS	FFP	PPSL/L-3 Cor	nm	Feb-07	Feb-08	Yes	
FY 2008												
RQ-1/MQ-1/General Atomics ASI	24		658th/PK		SS	FFP	RQ-1/MQ-1/O Atomics ASI	General	Feb-08	Apr-09	Yes	
GCS/General Atomics ASI	12		658th/PK		SS	FFP	GCS/General ASI	Atomics	Feb-08	Feb-09	Yes	
PPSL/L-3 Comm	5		658th/PK		SS	FFP	PPSL/L-3 Cor	nm	May-08	Feb-09	Yes	
FY 2009												
RQ-1/MQ-1/General Atomics ASI	26		658th/PK		SS	FFP	RQ-1/MQ-1/O Atomics ASI	General	Feb-09	Apr-10	Yes	
GCS/General Atomics ASI	7		658th/PK		SS	FFP	GCS/General ASI	Atomics	Feb-09	Feb-10	Yes	
PPSL/L-3 Comm	3		658th/PK		SS	FFP	PPSL/L-3 Cor	nm	Feb-09	Feb-10	Yes	
FY 2010					1	1						1

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Procurement History and Planning Exhibit P-5A, page 5 of 28

Exhibit P-5A, Procurement H	listory ar	nd Plannin	g						Da	te: February	/ 2007	
Appropriation (Treasury) Code/CC/E	BA/BSA/Ite	m Control Nu	mber					P-1 Line It	em Nomenclat	ure		
Aircraft Procurement, A	Air Ford	e, Budg	et Activity	04, Other	Aircraft,	Item No.	21	PRED	ATOR UAV	/		
Weapon System					Subline Ite	m						
PRED												
NIDG G FI			Location of	RFP Issue	Contract	Contract			15	Date of First	Specs Available	Date Revision
WBS Cost Elements	Qty	Unit Cost	PCO	Date	Method	Туре	Contractor and I		Award Date		Now?	Available?
RQ-1/MQ-1/General Atomics ASI	42		658th/PK		SS	FFP	RQ-1/MQ-1/Ge Atomics ASI	neral	Feb-10	Apr-11	Yes	
PPSL/L-3 Comm	1		658th/PK		SS	FFP	PPSL/L-3 Com	n	May-10	Feb-11	Yes	
FY 2011												
RQ-1/MQ-1/General Atomics ASI	26		658th/PK		SS	FFP	RQ-1/MQ-1/Ge Atomics ASI	neral	Feb-11	Apr-12	Yes	
FY 2012												
RQ-1/MQ-1/General Atomics ASI	24		658th/PK		SS	FFP	RQ-1/MQ-1/Ge Atomics ASI	neral	Feb-12	Apr-13	Yes	
FY 2013												
RQ-1/MQ-1/General Atomics ASI	18		658th/PK		SS	FFP	RQ-1/MQ-1/Ge Atomics ASI	neral	Feb-13	Apr-14	Yes	
Remarks				•			•					•

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Procurement History and Planning Exhibit P-5A, page 6 of 28

Exhibit P-21, Production	on Sched	dule																			D	ate: l	Febr	uary	2007	,			
Appropriation (Treasury) Cod	de/CC/BA/	BSA/Item (Control Nu	umber													Р	-1 Lin	e Iten	n Nom	nencla	ature							
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2003		2	0	2	1																			1					_
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Production Schedule Exhibit P-21, page 7 of 28

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2007 USAF	7	7 2005	0 T	V	С	N	В	R	R	Y	N	L	G	Р	Т	V	С	N	В	R	R	Y	N	L	G	P 1
2009 USAF 2010 USAF 2011 USAF 2012 USAF	1 2	0	1 2														1									\equiv
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ITEM/MANUFACTURER'S NAME LO	OCATION	PRODUC MIN SUST	SHIF HOU DAY:	T RS	M A X							ADM LEAD		EAD I		MFG			OTAL FTER							
	ancho Bernardo, C	CA	0 1-8-5		18						PRIO 1 O		AFTE 1 OC			TIME			OCT							
REMARKS	·					REOR						6		6			14 14			20 15						

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Production Schedule Exhibit P-21, page 8 of 28

Exhibit P-21, Production	S PROCUREMENT YEAR PROC. QTY PROC. 1 OCT PROCUREMENT YEAR PROC. QTY PROC. 1 OCT <																		D	ate:	Febr	uary	2007	7					
Appropriation (Treasury) Cod	raft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 21 S E PROC. PR															-1 Lin	e Item	n Nom	nencla	ature									
Aircraft Procureme	ent, Air	Force	, Budg	et Acti	ivity	04	, Otl	her .	Airc	raft	, Ite	m N	lo. 2	21			P	REI	TAC	OR	UA	V							
PROCUREMENT YEAR	OCUREMENT YEAR R PROC. R V 1 OCT 1 OCT C O E A E A P A U U U E C															N	D E	J	FIS		YEAR 2 CALENI A		EAR 20	09 J	A	S	L A T		
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REMARKS

Gap in FY02 purchase deliveries from Jan 03 to Oct 03 during transition from Block 5 to Block 10 aircraft.

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2006	Exhibit P-21, Production	n Sched	lule																			D	ate:	Febr	uary	2007	,			
PROCUREMENT YEAR PROCUREMENT	Appropriation (Treasury) Cod	le/CC/BA/l	BSA/Item (Control Nu	ımber													Р	-1 Lin	e Iten	n Nom	nencla	ature							
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2005	2003	USAF	22	0	22											1	2	1	1	2		3	1	4		1	3	3		i i
2006	2004	USAF	10	0	10																								2	
2007	2005	USAF	22	0	22																									2
2008	2006	USAF	24	. 0	24																									2
2019	2007	USAF	24	. 0	24																									2
2010	2008	USAF	24	. 0	24																									2
2011	2009	USAF	26	0	26																									2
2012	2010	USAF	42	. 0	42	:																								4
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Exhibit P-21, Production	n Sched	lule																			D	ate: l	Febru	uary 2	2007				
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Exhibit P-21, Production	n Sched	lule																			D	ate:	Febr	uary	2007				
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Exhibit P-21, Production	PROCUREMENT YEAR																		D	ate: F	ebru	uary	2007						
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Exhibit P-21, Production	PROCUREMENT YEAR																		D	ate: I	=ebru	uary :	2007						
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P-1 Shopping List Item No. 21

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Exhibit P-21, Production Schedule	priation (Treasury) Code/CC/BA/BSA/Item Control Number raft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 21 PFOCUREMENT YEAR PROC. PRIOR PROC. PROC																Da	ate: I	Febr	uary	2007				
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Quantities include both deployable and fixed-site Ground Control	Stations (GCS).																								

P-1 Shopping List Item No. 21

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,	Craft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 21 PROCUREMENT YEAR S																		D	ate: I	-ebru	uary 2	2007						
Appropriation (Treasury) Code/C	Priation (Treasury) Code/CC/BA/BSA/Item Control Number Code/CC/BA/BSA/Item Control Number															-1 Lin	e Item	n Nom	nencla	ature									
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ITEM/MANUFACTURER'S NAME		LOCATION Rancho Bern			DAYS 1-8-5	•	12							IOR	AFT	ED	4	TIME			AFTEF 1 OCT								
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Quantities include both deployable and fixed-site Ground Control Stations (GCS).

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Exhibit P-21, Produc	tion Sched	dule																			D	ate: I	-ebru	uary 2	2007				
Appropriation (Treasury) (PROCUREMENT YEAR															-1 Lin	e Iten	n Nom	nencla	ature									
Aircraft Procurer	nent, Air	Force	, Budg	et Acti	ivity	<i>i</i> 04,	Ot!	her .	Airc	raft	, Ite	m l	No.	21			F	PRE	DAT	ГOR	UA	'							
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2006	USAF	2	0	2																								1	1
2007	USAF	4	0	4																<u> </u>		<u> </u>	<u> </u>		<u> </u>	<u> </u>		4	
2008	USAF	12	0	12																	<u> </u>		—	<u> </u>	<u></u>	<u> </u>	<u> </u>	igspace	12
2009	USAF USAF	7	0	7		+							1	1								—	₩	<u> </u>	₩	├ ──	<u> </u>	igwdown	- 7
2010	USAF	0	0	0	1	+															├ ──	\leftarrow	\vdash	\vdash	$\vdash \vdash \vdash$	 		$\vdash \vdash \vdash$	0
2012	USAF	0	0	0	1	+		1					1	1							 		\vdash	 	\vdash	 		$\vdash \vdash \vdash$	0
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Quantities include both deployable and fixed-site Ground Control Stations (GCS).

P-1 Shopping List Item No. 21

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Exhibit P-21, Production Sched	lule																		D	ate: I	-ebru	uary 2	2007				
Appropriation (Treasury) Code/CC/BA/	BSA/Item Control	Number													Р	-1 Lin	e Iten	n Nom	nencla	ature							
Aircraft Procurement, Air	Force, Bud	get Act	ivity	04,	Otl	her /	Airc	raft	, Ite	m l	No.	21			Р	RE	DAT	OR	UA	V							
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2007 USAF 2008 USAF	4	0 4 0 12					1			1			1			1			1	1	1	1	1	1	1	1	0
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2011 USAF 2012 USAF	0	0 0																									0
TOTAL	39	15 24			1		1			1			1			1			1	1	1	1	1	1	1	1	11
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Quantities include both deployable and fixed-site Ground Control Stations (GCS).

P-1 Shopping List Item No. 21

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Exhibit P-21, Prod	uction Sche	dule																			D	ate: I	-ebru	uary 2	2007				
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2004	USAF	7	7	0)																								0
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2011	USAF	0	0	0)																								0
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Quantities include both deployable and fixed-site Ground Control Stations (GCS).

P-1 Shopping List Item No. 21

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Exhibit P-	-21, Production	Sched	ule																			Di	ate: l	-ebru	ary :	2007				
Appropriatio	on (Treasury) Code	/CC/BA/E	SSA/Item (Control Nu	ımber													Р	-1 Lin	e Iten	n Nom	nencla	ture							
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		S	DD C C				2011			FIS	CAL Y	EAR 2		ENDAF	R YEAR	2012						FIS				AR 201	13			L A
PROC	CUREMENT 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		1	V	C	N	В	R	K	Y	N	L	G	Р	1	V	C	N	В	R	K	Y	N	L	G	P	R 0
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					PRODUCT	ION R	ATES	•					•	PRO	CURE	MENT	LEAD	TIME	•								•			
ITEM/MANUF <i>A</i>	ACTURER'S NAME		LOCATION		SUST	HOU	RS	M A X											MFG											
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Quantities include	de both deployable and fi	xed-site Gro	ound Control S	Stations (GCS	S).																									

P-1 Shopping List Item No. 21

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Exhibit P-21, Producti	on Sched	Jule																			D:	ate: F	Febru	uary 2	2007	,			
Appropriation (Treasury) Co	de/CC/BA/	BSA/Item (Control N	umber													Р	-1 Lin	e Item	n Nom	nencla	ature							
Aircraft Procurem	ient, Air	Force	, Budg	jet Acti	ivity	<i>i</i> 04,	, Otl	her /	Airc	raft	:, It€	m:	10. <i>i</i>	21			F	PRE	DAT	ΓOR	. UA	٧V							
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2006	USAF USAF	2) 2	,—	+	├──	+	$\vdash \vdash \vdash$		├─	┼──	├──	+	├		├──	+	┢──		├	+	├		├─	┼──	—		2
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				PRODUCT				↓					PRO	CURE		LEAD	TIME						↓						
ITEM/MANUFACTURER'S NAME	<u> </u>	LOCATION	N	MIN SUST	SHIF HOUF DAYS	RS	M A X								MIN TIME			MFG			TOTAL AFTER								ļ
MQ-9/General Atomics ASI		Rancho Berr		6	5 1-8-5		18	<u> </u>						RIOR	AFT 1 C			TIME			1 OCT								
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REMARKS					Ь		Ь	REOR	DER				Ь	1	Ь	1	Ь		14	Ь		15	Ь						
KEIWAKKS																													

First three aircraft were funded with the DERF. FY02 funding purchased three additional Predator B aircraft on a different contract. Separate contracts resulted in exceeding 12 months total delivery time for aircraft reflected in the FY02 delivery line.

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Exh	ibit P-21, Production	n Sched	lule																			Di	ate: F	-ebru	ıary 2	2007				
Appr	opriation (Treasury) Code	e/CC/BA/E	3SA/Item (Control No	umber													Р	-1 Lin	e Iten	Nom	nencla	ature							
Air	craft Procureme	nt, Air	Force	, Budg	jet Acti	vity	04,	Otl	ner A	4irc	raft	, Ite	m N	lo.	21			F	PRE	DAT	OR	UA	V							
		S		ACCEP. PRIOR	BALANCE DUE		2003		I	FIS	CAL Y	EAR 2		ENDAF	R YEAR	2004						FIS	CAL Y)05 AR YE	AR 200	05			L A
	PROCUREMENT YEAR	E R V	PROC. 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	6	2	. 4		1						1				1				1									0
	2003	USAF	3	0	3																					1			1	1
	2004	USAF	5	0	5																							<u> </u>		5
	2005	USAF	5	0	5	<u> </u>																						<u> </u>		5
	2006	USAF	2	0	2								1															 '		2
TOTA	2007	USAF	23	0	21		1						1				1				1					1		 '		15
IOIA	L		23		21	0	NI.	Б		Е	N 4	۸	1			Λ	S	0	NI	_	1	_	N/	Λ	N /	- 1			S	13
						C	0 V	E	A N	E B	A R	P R	A Y	U N	U	U	E P	C	0 V	E	A N	E B	A R	P R	A Y	U	U	U	E P	
					PRODUCT	ION R	ATES							PRO	CURE	MENT	LEAD :	TIME							-					
ITEM	/MANUFACTURER'S NAME		LOCATION	1	MIN SUST	SHIFT HOUF DAYS	RS	M A X							ADI LEAD	MIN TIME			MFG			TOTAL AFTER								
	General Atomics ASI		Rancho Berr		6	1-8-5		18						PR 1 C	IOR OCT	AFT 1 C	ΓER OCT		TIME			1 OCT								
				•					INITIAI						6		6			14			20							
									REOR	DER					1		1			14			15							
REM/	AKKS																													l.

First three aircraft were funded with the DERF. FY02 funding purchased three additional Predator B aircraft on a different contract. Separate contracts resulted in exceeding 12 months total delivery time for aircraft reflected in the FY02 delivery line.

P-1 Shopping List Item No. 21

Production Schedule Exhibit P-21, page 24 of 28

Exhibit P-21, Productio	n Sched	lule																			D	ate:	Febr	uary	2007	7			
Appropriation (Treasury) Cod	e/CC/BA/E	3SA/Item (Control Nu	ımber													Р	-1 Lin	e Iten	n Non	nencla	ature							
Aircraft Procureme	nt, Air	Force	, Budg	et Act	ivity	04,	Otl	her <i>i</i>	Airc	raft	, Ite	m N	lo. 2	21			F	PRE	DA1	OR	UA	V							
	S		ACCEP. PRIOR	BALANCE DUE		2005			FIS	CAL Y	EAR 2		ENDAR	YEAR	2006						FIS		EAR 2		EAR 20	07			L
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
2003	USAF	3	2	1			1																						
2004	USAF	5	0	5													1	1	1		1	1					—	<u> </u>	- '
2005	USAF USAF	3	0	3	+																			1		1	├ ─	1	
2007	USAF	2	0	2																							\vdash		-
TOTAL	COLL	17	2	15			1										1	1	1		1	1		1		1	\vdash	1	ϵ
			_		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	J U N	J U L	A U G	S E P	
				PRODUC	ION R	ATES							PRO	CURE	MENT	LEAD	TIME	ı								1			
			_	MIN SUST	SHIF	RS	M A								MIN TIME			MFG			TOTAL								
ITEM/MANUFACTURER'S NAME MQ-9/General Atomics ASI		Rancho Ber		6	DAYS 1-8-5	5	18						PR 1 C	IOR OCT		TER OCT		TIME			AFTEF 1 OCT								
REMARKS								REOR						6 1		6 1			14 14			20 15							
VEINIVIVO																													

P-1 Shopping List Item No. 21

Production Schedule Exhibit P-21, page 25 of 28

Exhibit P-21, Production	n Sched	ule																			D	ate:	Febr	uary	2007	,			
Appropriation (Treasury) Code	e/CC/BA/E	SA/Item (Control Nu	ımber													Р	-1 Lin	e Iten	n Non	nencla	ature							
Aircraft Procureme	nt, Air	Force,	, Budg	et Act	ivity	0 4,	Otl	her <i>i</i>	Airc	raft	, Ite	m N	lo. 2	21			F	RE	DAT	OR	UA	V							
	S		ACCEP. PRIOR	BALANCE DUE		2007			FIS	CAL Y	EAR 2		ENDAR	YEAR	2008						FIS	SCAL Y	EAR 2		EAR 20	09			L
PROCUREMENT YEAR	E 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
2005	USAF	5	3	2	. 1		1																						
2006	USAF	2	0	2								1						1											
2007	USAF	2	0	2																		1						1	
TOTAL		9	3	6	1		1					1						1			<u> </u>	1						1	<u> </u>
					O C T	N O V	D E C	J A N	E B	A R	A P R	M A Y	N N	U U	U G	S E P	O C T	N O V	D E C	A N	E B	A R	P R	M A Y	N U	U U	U G	S E P	
				PRODUCT	TION R	ATES	Ū						PRO	CURE	MENT	LEAD :	TIME						<u> </u>	1				•	
			_	MIN SUST	SHIF	RS	M A							AD	MIN TIME			MFG			TOTAL								
ITEM/MANUFACTURER'S NAME		LOCATION			DAYS	<u> </u>	X	_										TIME			AFTEF								
MQ-9/General Atomics ASI		Rancho Berr	nardo, CA	6	1-8-5		18						PR 1 C	OCT_	AFT 1 C						1 OCT								
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REMARKS					•		•						•				•						•						

P-1 Shopping List Item No. 21

Production Schedule Exhibit P-21, page 26 of 28

Ext	nibit P-21, Production	n Sched	ule																			D	ate:	Febru	uary	2007	,			
App	ropriation (Treasury) Code	e/CC/BA/E	SSA/Item (Control Nu	ımber													Р	-1 Lin	ne Iten	n Non	nencla	ature							
Air	craft Procureme	nt, Air	Force	, Budg	et Acti	vity	0 4,	Otl	ner A	Airc	raft	, Ite	m N	lo. 2	21			F	PRE	DA	ΓOR	UA	V							
		c		ACCEP.	BALANCE					FIS	CAL Y	EAR 2	010									FIS	SCAL Y	EAR 20	011					L
		F	PROC.	PRIOR	DUE		2009						CALE	ENDAF	R YEAF	R 2010							C	ALEND	AR YE	EAR 20	11			Α
	PROCUREMENT YEAR	R	QTY	TO 1 OCT	AS OF 1 OCT	O C	N O	D	J A	F E	Μ	A	Μ	J	J	A	S	0	N O	D E	J A	F	Μ	A	Μ	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
	2007	USAF	2	2	0																									(
TOT	AL The state of th	•	2	2	0																									C
1						0	N	D	J	F	М	Α	М	J	J	Α	S	0	N	D	J	F	М	Α	М	J	J	Α	S	
l						C	O V	E	A N	E B	A R	P R	A Y	U N	l U	U G	I E I P	C	O V	E	A N	E B	A R	P R	A Y	U N	l U	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	/MANUFACTURER'S NAME		LOCATION	<u> </u>		DAYS	3	Χ											TIME			AFTE								
MQ-9	/General Atomics ASI		Rancho Ber	nardo, CA	6	1-8-5		18							NOR OCT		TER OCT		I IIVIL			1 OCT	•							
									INITIA	۱L					6		6			14			20	1						
									REOR	DER					1		1			14			15	1						
REM	ARKS																													

P-1 Shopping List Item No. 21

Production Schedule Exhibit P-21, page 27 of 28

Exh	ibit P-21, Production	n Sched	ule																			D	ate:	Febr	uary	2007	,			
Appr	ropriation (Treasury) Code	e/CC/BA/E	BSA/Item (Control No	umber													Р	-1 Lin	e Iten	n Non	nencla	ature							
Air	craft Procureme	nt, Air	Force	, Budg	jet Acti	ivity	<mark>/ 04</mark> ,	Otl	ner /	Airc	raft	, Ite	m N	lo.	21			F	PRE	DA٦	ΓOR	UA	V							
		S			BALANCE		2011		1	FIS	CAL Y	EAR 2				2012						FIS	SCAL Y							L
	PROCUREMENT YEAR	E R	PROC. OTY	PRIOR TO	DUE AS OF	О	2011 N	D	J	F	M	A	M	ENDAI J	R YEAF J	A 2012	S	0	N	D	J	F	M	ALENI A	M M	EAR 20 J	13 J	A	S	A T
		V	QII	1 OCT 2011	1 OCT 2011	C T	O V	E C	A N	E B	A R	P R	A Y	U N	U L	U G	E P	C T	O V	E C	A N	E B	A R	P R	A Y	U N	U L	U G	E P	E R
				2011	0	1			-11	В		- 1		- 11					•			В	- 1	- 10	-	- 1,			-	Α (
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					MIN	SHIF		М						PRU		MIN	LEAD	I IIVIE												
					SUST	HOU		A								TIME						TOTAL	L							
ITEM.	/MANUFACTURER'S NAME		LOCATION	I		DAY		Х											MFG TIME			AFTER								
MQ-9	/General Atomics ASI		Rancho Ber	nardo, CA	6	1-8-5		18							RIOR	AF 1 C	TER OCT		IIIVIE			1 OCT	-							
									INITIA						6		6			14			20]						
	<u> </u>								REOR	RDER		-			1		1			14		-	15							
REMA	ARKS																													

P-1 Shopping List Item No. 21

Production Schedule Exhibit P-21, page 28 of 28

FY 2008/2009 BUDGET ESTIMATES BUDGET ACTIVITY 06 – AIRCRAFT SPARES AND REPAIR PARTS FEBRUARY 2007

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Exhibit P-40, Budget Item Justification			Date: February 2007
Appropriation (Treasury) Code/CC/BA/BSA/Item Co	ontrol Number		P-1 Line Item Nomenclature
Aircraft Procurement, Air Force	Budget Activity 06, Aircraft	Spares and Repair Parts,	Aircraft Initial Spares
Item No. 63			
Program Element for Code B Items:	N/A	Other Related Program Elements:	N/A

Program Element for Code B Items	s:	N/A			Other Relat	ed Program	Elements:		N/A			
	ID Code	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Comp	Total
Proc Qty	A											0
Total Proc Cost (\$ M)			183.152	239.632	267.386	321.332	356.250	491.813	623.922	659.968	N/A	N/A

Description

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

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

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

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

FY 2008 Program Justification

The major program drivers in FY08 from a budget standpoint are CV-22 Osprey by a wide margin, coming in at about a third of it is the Joint Strike Fighter (F-35), Manned Reconnaissance System, and the F-16 Squadron. Making its first appearance in Initial Spares in FY08 is the F-22A Squadrons,

FY 2009 Program Justification

In FY09 the F-35 program begins its budget ramp up and is the biggest Initial Spares program, followed by the CV-22, Manned Reconnaissance System, and C-130 Airlift Squadrons.

P-1 Shopping List Item No. 63

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

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Exhibit P-5, Weapon System Cost Anal	ysis									Date: Feb	ruary 20)07	
Appropriation (Treasury) Code/CC/BA/BSA/Item Col Aircraft Procurement, Air Force, Item No. 63			y 06, Air	craft Sp	ares a	ınd Repa	ir Parts,		Item Nomen aft Initia				
Manufacturer's Name/Plant City/State Location	on			Subline Ite	m								
Weapon System	Ident			Total Cost in Mill				lions of I	Dollars				
Cost Elements	Code		FY 2006			FY 2007	00511111111	nons si _	FY 2008			FY 2009	
		Qty	Unit Cost	Total	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
INITIAL SPARES (Budget Program 16)	+ + +	QG	Omi Cost	183.152	<u>Qu</u>	Omi Cost	239.632	<u>Qty</u>	Unit Cost	267.386	<u>Qty</u>	Unit Cost	321.332
TOTAL PROGRAM	1			183.152		1 1	239.632			267.386			321.332
Comments													

P-1 Shopping List Item No. 63

Weapon System Cost Analysis Exhibit P-5, page 1 of 1

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-	ial Spare Funding Summary		Date: February 2007					
	Code/CC/BA/BSA/Item Control Number			tem Nomenclature				
Aircraft Procure	ement, Air Force, Budget Activity 06, Aircraft	Spares and Repair	Parts, Aircra	ft Initial Spares				
Item No. 63								
Initial Spare Funding	THE R P C		_					
Summary	Initial Spare Funding Summary	T 2006	777.2007	777.2000	777 2000			
P-1 LINE	END ITEM NOMENCLATURE	FY 2006	FY 2007	FY 2008	FY 2009			
1	B-52 Squadrons	3.150	1.532	7.364	0.064			
2	B-1B Squadrons	3.476	5.332	7.913	3.221			
3	B-2 Squadrons	6.544	2.083	4.676	1.063			
4	F-15A/B/C/D Squadrons	6.742	2.731	0.584	1.592			
5	A-10 Squadrons	0.268	0.234	3.360	0.329			
6	F-16 Squadrons	32.962	12.422	16.742	16.999			
7	F-15E Squadrons	7.447	4.313	1.671	1.279			
8	F-22A Squadrons	0.000	0.000	5.475	7.483			
9	Joint Strike Fighter Squadrons (F-35)	0.000	77.011	40.007	109.696			
10	Low Observables Test Equipment (CLOVER)	0.000	0.768	0.000	0.000			
11	Combat Rescue and Recovery (HH-60G)	1.192	1.200	1.086	0.755			
12	Precision Attack Systems (Other)	1.755	2.140	1.960	3.347			
13	COMPASS CALL	14.036	11.333	15.370	15.929			
14	Airborne Warning and Control System (AWACS)	7.002	5.832	7.800	8.071			
15	Combat Training Range Equipment	1.409	1.168	1.592	1.639			
16	JOINT STARS (E-8C)	0.584	0.895	1.329	1.440			
17	Full Combat Mission Training	0.000	0.000	8.612	2.486			
18	Combat Development	0.121	0.100	0.133	0.137			
19	E-4B National Airborne Operations Center (NAOC)	4.330	0.118	0.653	2.421			
20	MILSATCOM Terminals (Other)	0.591	0.766	0.000	0.000			
21	Aerial Targets (Target Drones)	0.471	0.384	0.509	0.524			
22	Manned Reconnaissance System (RC-135S)	37.191	33.700	32.062	46.211			
23	C-130 Airlift Squadrons	15.568	19.459	0.000	23.861			
24	KC-135S	2.869	12.810	12.505	18.455			
25	VC-25A (Operational Support Airlift)	0.485	0.406	0.540	0.555			
26	CV-22 Osprey	34.887	28.352	81.672	52.862			
27	Special Operations Forces	0.000	14.486	13.691	0.829			
28	C-130 Tactical Alft Sqdns (ANG)	0.004	0.003	0.004	0.004			
29	Undergraduate Navigator / NFO TNG (UNT)	0.050	0.043	0.057	0.059			
30	EURO-NATO Joint Jet Pilot Training	0.030	0.043	0.037	0.033			
	TOTAL INITIAL SPARES	183.152	239.632	267.386	321.332			

P-1 Shopping List Item No. 63

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

xhibit P-18A, Ini	tial Spare Funding	UNCLASSIFIED		Date: February 2	2007
Appropriation (Treasury	y) Code/CC/BA/BSA/Item Control Number		P-1 Line I	tem Nomenclature	
	rement, Air Force, Budget Activity 06, A	Aircraft Spares and Repair F	Parts, Aircra	ft Initial Spares	
tem No. 63					
nitial Spare Funding	Initial Spare Funding				
<u>-1 LINE</u>	END ITEM NOMENCLATURE	FY 2006	FY 2007	FY 2008	FY 2009
	WCF SPARES	83.596	67.548	117.386	132.63
	EXEMPT SPARES	99.556	172.084	150.000	188.69
	TOTAL INITIAL SPARES	183.152	239.632	267.386	321.33

P-1 Shopping List Item No. 63

Initial Spare Funding Exhibit P-18A, page 2 of 4

FY 2008/2009 BUDGET ESTIMATES BUDGET ACTIVITY 07 – AIRCRAFT SUPPORT EQUIPMENT AND FACILITIES FEBRUARY 2007

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FY 2008/2009 BUDGET ESTIMATES BP 12 – APAF/AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT (O&I) FEBRUARY 2007

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BUDGET ITEM JUSTIFICA	ATION (EXHIBIT P-40)					DATE: FEBR	UARY 2007				
APPROP CODE/BA:			P-1 NOMENCE	ATURE:							
APAF/AIRCRAFT REPLACEMEN	NT SUPPORT EQUIPMENT (O&I))	AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT (OVERVIEW)								
	FY2006	FY2007	FY2008	FY2009	FY2010	FY2011	FY2011 FY2012				
QUANTITY											
COST (in Thousands)	\$121,969	\$101,650	\$111,136	\$107,266	\$115,446	\$109,356	\$111,936	\$79,677			
Description:											
servicing requirements. These requiring replacement typically requires spare parts that are no constraints. Items of equipments sets, maintenance platforms, are negatively affect mission capable. 2. Items requested in FY08 are	more than one weapon system, replacement requirements ensure range in age from 10 to 35 year longer available. Many items had automatic test systems. The sole rates, increase maintenance of the identified on the following P-4 ment needed to support current.	are continuaters old. As a nave become include: average items supposts, and in	tion of serviceal a result, this equ e technologicall vionics test stati port multiple Ai acrease sortie tu	ole, supportabile ipment suffer y obsolete or ons, air conditions of the conditions of items being	le equipment far sequent far must be replayed tioners, muron systems.	at over the life of ailures, is unecon aced due to envalitions handling Failure to proce	f a weapon symptomical to repring to repring the following the second symptoms of the secon	stem. Items pair, and perating lectronic test s will			
	P-1 ITEM NO		PAGE				Page 1 of	1			
	64		7	- 1			i age i oi	•			

BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P-40A) DATE: FEBRUARY 2007 P-1 NOMENCLATURE: APPROPCODE/BA: AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT (OVERVIEW) APAF/AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT (O&I) **FY2008 FY2009 FY2006** FY2007 ID CODE **PROCUREMENTITEMS** QTY. **COST** QTY. **COST** QTY. **COST** QTY. COST AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT (OVERVIEW) **ENPENNAGE STAND** \$11,366 \$11,968 \$12,578 Α C-5 ISOCHRONIC MAINTENANCE PLATFORM \$14,772 \$9,972 Α COMMON AIRCRAFT PORTABLE REPROGRAMMING 201 \$15,135 \$2,452 \$348 \$354 Α **EQUIPMENT** TRUCK MOUNTED DEICER 28 \$8,400 \$13,896 Α 44 **BRAT PROGRAM** \$13,624 \$5,485 Α T198B - STORES MGMT TEST SET 22 12 \$3,703 Α \$6,041 **ELECTRONIC SYSTEM TEST STATION** \$9,147 Α RACKMOUNT IMPROVED AVIONICS INTERMEDIATE Α \$6,686 SHOP TEST STATION T197C - STORES MGMT TEST SET \$5,420 Α 14 ITEMS LESS THAN 5 MILLION DOLLARS \$10,908 \$27,202 \$23,391 \$33,621 Α **AUTOMATIC TEST SYSTEM (ATS)** ADVANCED DIGITAL TEST STATION \$19,163 \$18,484 \$33,919 \$16,165 Α

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Page 1 of 2

P-1 ITEM NO

64

BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P-40A)

DATE: FEBRUARY 2007

APPROPCODE/BA:

P-1 NOMENCLATURE:

APAF/AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT (O&I)

AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT (OVERVIEW)

	ID	F	FY2006		FY2007		/2008	FY2009	
PROCUREMENTITEMS	CODE	QTY.	COST	QTY.	COST	QTY.	COST	QTY.	COST
FLIGHT CONTROL TEST SET (FLCTS)	А			10	\$2,938	17	\$5,011	24	\$7,008
STORES SYSTEM TESTER (SST) - INTERMEDIATE LEVEL	А	11	\$3,321	14	\$5,505	33	\$13,087	20	\$9,225
STORES SYSTEM TESTER (SST) - ORGANIZATION LEVEL	А	26	\$6,524	25	\$7,044	50	\$14,325	50	\$16,024
USM-464 COUNTERMEASURES TEST SET (CTS)	А	7	\$2,844			14	\$7,350		
USM 670 CORE TEST SET (CTS)	А			14	\$5,895	4	\$1,721		
TOTALS:		319	\$121,970	122	\$101,650	121	\$111,136	97	\$107,266

Remarks:

Cost information is in thousands of dollars.

P-1 ITEM NO	PAGENO:	Page 2 of 2
64	7 - 3	Page 2 of 2

BUDGET ITEM JUSTIFICATION (EXHIBIT	I	DATE: FEBR	RUARY 2007						
APPROPCODE/BA: APAF/AIRCRAFT REPLACEMENT SUPPORT EQU	JIPMENT (O&I		P-1 NOMENCI EMPENNAGE N						
	FY2006	FY2007	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013	
QUANTITY									
COST							_		

\$11,968

\$12,578

\$0

\$0

\$0

\$0

Description:

(in Thousands)

1. The C-5 Empennage Stand is a self-propelled unit used to work on the tail section of the C-5 aircraft. The Stand is 71'9" tall and 76'8" wide. It is designed to provide access to all inspection points enabling removal, installation, and inspection of all empennage accessories and flight controls. Existing stands require replacement due to their non-compliance with the latest Occupational Safety and Health Administration (OSHA) standards as well as electrical and structural degradation. The replacement stand will bring the Air Force into compliance with OSHA standards.

\$0

\$11,366

- 2. This equipment is urgently required to replace the 30-year-old tail stands located at five Air Force bases. The tail stands currently in use were built prior to current OSHA standards and are seriously deteriorated resulting in electrical problems, extensive corrosion, and potential structural hazards. These hazards compromise the ability to effectively and safely maintain a quarter of the nation's strategic airlift platforms. The amount of maintenance performed per aircraft, the number of aircraft assigned to each base, the heavy C-5 transit flow, the severity of the weather, and harsh environmental conditions have exacerbated overall deterioration of empennage stands. Safety hazards increase with each passing year. In order to keep the stands functional, each base implements workaround safety guidelines for areas of the stands that have corrosion and lack of fall protection. Ultimately, these stands will increase the readiness posture of C-5 strategic airlift capability.
- 3. Items requested in FY08 are identified on the following P-40A and are representative of items to be procured. Items procured during execution may change based on critical equipment needed to support current Air Force mission requirements.

P-1 ITEM NO	PAGENO:	Page 1 of 1
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BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P-40A) DATE: FEBRUARY 2007 P-1 NOMENCLATURE: **APPROP CODE/BA: EMPENNAGE MAINT STAND** APAF/AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT (O&I) FY2008 FY2009 **FY2006 FY2007** ID CODE **PROCUREMENTITEMS** QTY. COST QTY. COST QTY. COST QTY. COST MAINTENANCE PLATFORM, C5 EMPENNAGE 2 \$11,366 \$11,968 \$12,578 Α TOTALS: \$11,366 \$11,968 \$12,578 **Remarks:** Cost information is in thousands of dollars. P-1 ITEM NO **PAGENO:** Page 1 of 1

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64

BUDGET PROCUREMENT	DOGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)												
APPROPCODE/BA: APAF/AIRCRAFT REPLACEMEN	T SUPPORT E	EQUIPMENT (C	D&I)	P-1 NOMENCLATURE: EMPENNAGE MAINT 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			
MAINTENANCE PLATFORM, C5 EMPENNAGE(1)													
FY2007	2	\$5,683,000	AFMC/WR-	AFMC/WR-ALC		AFMC/WR-ALC		KERN STEEL FABRICATION INC (KS BAKERSFIELD, CA	F)/ Mar-07	Dec-07	Yes		
FY2008	2	\$5,984,000	AFMC/WR-	ALC	OPT/FFP	KERN STEEL FABRICATION INC (KS BAKERSFIELD, CA	F)/ Nov-07	Aug-08	Yes				
FY2009	2	\$6,289,000	AFMC/WR-	ALC	OPT/FFP	KERN STEEL FABRICATION INC (KS BAKERSFIELD, CA	F)/ Nov-08	Aug-09	Yes				
Remarks: Cost information is in actual dol (1) Contract number FA8518-05			Aug 2005 witl	h 4 year		es 22 Aug 2010.							
	PAGENO: 7 - 6 Page 1 of 1												

BUDGET ITEM JUSTIFIC	ATION (EXTIIDIT T	-+ 0)		1			DATE: FEBR		
APPROP CODE/BA:				P-1 NOMENCI	LATURE:				
APAF/AIRCRAFT REPLACEM	ENT SUPPORT EQUIPM	/IENT (O&I)	C-5 ISOCHRON	IAL MAINTENA	ANCE STAND)		
	1	FY2006	FY2007	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013
QUANTITY		FY2006 FY2007 FY2008 FY2009 FY2							
COST (in Thousands)		\$0	\$0	\$14,772	\$9,972	\$0	\$0	\$0	\$0
Description:	'			,					1
Squadrons (CRS). Current Is availability of these stands af the implementation of Occup hazards. The C-5 Isochronal Capability.	ochronal Maintenance fects timely maintenand ational Safety and Hea Maintenance Stands pe	Stands are ce comple lth Admin ermit aircr	e heavily overtion, mission istration (Oraft mainten	rer-tasked due to on capable rates SHA) safety reg ance technicians	o the limited nand departure gulations and a sto maintain t	umber assig reliability ra are in a serio the C-5 aircr	ned to AF instal ates. The currer rusly deteriorate aft in support o	llations. The interpretation of the stands were distance of the state	non- built prior to structural rlift
3. Items requested in FY08 a critical equipment needed to			•		procured. Ite	ms procured	during executi	on may chang	c based on
	P-1 ITEM NO 64			PAGE	NO: - 7			Page 1 of	1

WEAPON SYSTEM COST A	VEAPON SYSTEM COST ANALYSIS (EXHIBIT P-5)							I	DATE:	FEBRU/	ARY 20	007	
APPROP CODE/BA:			P-1 N	OMENCL	ATUR	E:							
APAF/AIRCRAFT REPLACEMENT	SUPPORT EQUIPMENT (O&I)		C-5 IS	OCHRON	AL MAI	NTENAI	NCE STAN	1D					
WEAPON SYSTEM	ID		FY2006			FY2007			FY200	8	FY2009)
COST ELEMENTS	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 STAND	А								1 \$9,708,000	\$9,708	1	\$9,972,000	\$9,972
DATA										\$2,500			
FIRST ARTICLE TEST										\$2,564			
TOTALS:									1	\$14,772	1		\$9,972
	P-1 ITEM NO			PAGE	ENO:					D	ngo 1	of 1	
	P-1 ITEM NO 64				7 - 8					Pa	age 1	UI I	

BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A) APPROP CODE/BA: APAF/AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT (O&I) P-1 NOMENCLATURE: C-5 ISOCHRONAL MAINTENANCE STAND

ITEM NAME/ FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL
C-5 ISO CHRONO MAINTENANCE STAND									
FY2008	1	\$9,708,000	AFMC/WR-ALC	C/FFP W/OPT	UNKNOWN	Nov-07	Mar-09	Yes	
FY2009	1	\$9,972,000	AFMC/WR-ALC	OPT/FFP	UNKNOWN	Apr-09	Dec-09	Yes	

Remarks:

Cost information is in actual dollars.

FY08 First Article Acceptance is Mar 09

FY09 PR to be initiated after first article acceptance, est Apr 09

	,	
P-1 ITEM NO 64	PAGE NO : 7 - 9	Page 1 of 1

BUDGET ITEM JUSTIFICATION (EXHIBIT				[DATE: FEBR	RUARY 2007			
APPROP CODE/BA: APAF/AIRCRAFT REPLACEMENT SUPPORT EQU		P-1 NOMENCLATURE: COMMON AIRCRAFT PORTABLE REPROGRAMMING EQUIPMENT							
	FY2006	FY2007	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013	
QUANTITY									
COST									

\$348

\$354

\$1,045

\$354

\$0

\$0

\$2,452

\$15,135

Description:

(in Thousands)

- 1. Common Aircraft Portable Reprogramming Equipment (CAPRE) replaces the Digital Computer System and 11 Program Loader Verifier devices in organizational and intermediate level shops. CAPRE reprograms aircraft computer software, updates threat data in electronic warfare pods, performs aircraft diagnostic troubleshooting, and supports automated technical orders. CAPRE consists of a laptop, cables, interface modules, software, and Aircraft Adapter Groups (AAGs). Critical to CAPRE are the AAGs. AAGs connect CAPRE laptops, test equipment, and Line Replaceable Units (LRU) on supported weapon systems. 10 to 26 AAGs are required per CAPRE, depending on the aircraft type. Each AAG contains unique cables, connectors, interface module hardware, and software to support reprogramming LRUs. Each shop/location/platform utilizing the aircraft system requires AAGs. Mission-critical Operational Flight Programs (OFPs) and mission data files are downloaded to the CAPRE laptop from the secure bulletin board and over secure telephone units. Personnel then transport CAPRE to the weapon system and use AAGs to upload files to avionics/electronic warfare computers. CAPRE supports the following weapon systems: A-10, B-52, C-5, C-17, C-130, F-15, F-16, H-60, and MH-53.
- 2. Modern combat missions rely on rapid deployment of updated OFPs and enemy threat information to reduce aircrew vulnerability and enhance mission effectiveness. Current reprogramming equipment is increasingly unsupportable due to obsolete components. Failure to procure CAPRE will prevent essential loading of OFPs to meet mission requirements of avionics systems. Without reprogramming capability, aircraft mission capability rates degrade, rapid response to combat missions is impeded, and risk of mission failure, loss of aircraft, and loss of life substantially increase.
- 3. Items requested in FY08 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.

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WEAPON SYSTEM COST ANALYSIS (EXHIBIT P-5)										ATE:	FEBRU/	ARY20	07	
APPROP CODE/BA: APAF/AIRCRAFT REPLACEMEN	T SUPPORT EQUIPMEN	T (O&I)			OMENCL ION AIRC	_		SLE REPRO	OGRAM	MING E	EQUIPMEN	IT		
WEAPON SYSTE	M	ID		FY200	6		FY200	7		FY200	8		FY200	9
COST ELEMENTS		CODE	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST
CAPRE		А	201	\$17,255	\$3,468									
INTERIM CONTRACT SUPPORT (ICS)					\$150									
TECHNICAL ORDER/LICENSES (1)					\$122									
AIRCRAFT ADAPTER GROUP SOFTWA	RE				\$11,325			\$2,402			\$323			\$329
DATA (2)					\$70			\$50			\$25			\$25
TOTALS:					\$15,135			\$2,452			\$348			\$354
Remarks: Total Cost information is in the (1) Technical orders require upon (2) Data being procured for governments.	dating with each CAPR				nical orde	r updat	_			ises.				
	P-1 ITEM NO 64				PAGE 7	NO: ' - 11					Pa	age 1 o	of 1	

BUDGET PROCUREMEN		DATE: FEE	BRUARY2	2007						
APPROPCODE/BA:	E:									
APAF/AIRCRAFT REPLACEMENT	NT SUPPORT E	EQUIPMENT (C	D&I)	СОММС	ON AIRCRAFT P	ORTABLE REPROGI				
ITEM NAME/ FISCAL YEAR	QTY.	UNIT COST	LOCATION O	OCATION OF PCO		CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL
CAPRE										
FY2006	201	\$17,255	AFMC/WR	AFMC/WR-ALC		GSA/GSA/GOVERNMI TECHNOLOGIES SERVICES INC./ CHANTILLY, VA	ENT Aug-06	Dec-06		
Remarks: Cost information is in actual do										
	P-1 ITEM I 64	NO			PAGE NO: 7 - 12			Page	1 of 1	

BUDGET ITEM JUSTIFICA	ATION (EXHIBIT P-40)					DATE: FEBR	UARY 2007	
APPROPCODE/BA: APAF/AIRCRAFT REPLACEMEN	NT SUPPORT EQUIPMENT (O&I)		P-1 NOMENCE		ION			
	FY2006	FY2007	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013
QUANTITY								
COST (in Thousands)	\$10,908	\$27,202	\$23,391	\$33,621	\$46,096	\$45,610	\$55,152	\$39,145
production aircraft. Common is maintenance and servicing requested in FY08 are	llion line procures replacement tems (used on more than one wairements. These replacement is mbered (NSN) items as well as elidentified on the following P-4 ment needed to support current and the su	eapon syste tems ensure numerous i	em) and peculiar e continuation of items which are are representati	titems (uniq f serviceable non-stock li ve of items b	ue to one wear e equipment of sted (NSL).	pon system) dir ver the life of a	ectly support weapon syster	aircraft m, and consist
	P-1 ITEM NO 64		PAGE 7 -	NO :			Page 1 of	1

	<u> </u>					
BUDGET ITEM JUSTIFICATION FOR AGGR	EGATED ITEMS	(EXHIBIT P-40A-IL)		DATE: FEBR	UARY20	007
APPROP CODE/BA: APAF/AIRCRAFT REPLACEMENT SUPPORTED	QUIPMENT (O&I)	P-1 NOMENCLATURE:				
		FY200	08	FY2009		
PROCUREMENTITEMS	NSN	QTY.	COST	QTY.		COST
MAJOR PROCUREMENTS						
30 MM AMMUNITION LOADER GFU 7	1730010648482RN	3	\$2,87	3	5	\$4,889
TEST SET, TRANSPONDER	6625014584627TG	241	\$2,85	3	35	\$423
COMBINED GENERATOR AIR CONDITIONER	6115014958117ID	2	\$2,57	75		
C-130 ISO MAINTENANCE PLATFORM	1730990597533RN	1	\$2,50	5		
RADIO FREQUENCY TRANSMITTER LINE TEST STATION (RFTLTS)	6625013991757RH	2	\$1,83	6	5	\$3,791
225KW GENERATOR SET	6115013068342ID				1	\$1,374
MINOR PROCUREMENTS (GROUPED BY FSC)						
FSC 1730 AIRCRAFT GROUND SERVICING EQUIPMENT					52	\$3,537
FSC 1740 AIRFIELD SPECIALIZED TRUCKS AND TRAILERS					2	\$1,457
FSC 2835 GAS TURB & JET ENGINES, EXC ACFT & COMP			\$71	7		\$888
FSC 3895 MISCELLANEOUS CONSTRUCTION EQUIPMENT					1	\$647
FSC 3950 WINCHES, HOISTS, CRANES AND DERRICKS		1	\$27	6	2	\$708
P-1 ITEM NO		PAGE NO : 7 - 14			Page 1	of 2

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BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P-40A-IL) DATE: FEBRUARY 2007

APPROP CODE/BA:

P-1 NOMENCLATURE:

APAF/AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT (O&I)

ITEMS LESS THAN \$5 MILLION

		FY200	08	FY2009			
PROCUREMENTITEMS	NSN	QTY.	QTY. COST		COST		
FSC 3990 MISCELLANEOUS MATERIEL HANDLING EQUIPMENT				3	\$994		
FSC 4120 AIR CONDITIONING EQUIPMENT				6	\$2,492		
FSC 4920 AIRCRAFT MAINT SHOP SPECIALIZED EQP		23	\$6,276	26	\$5,013		
FSC 4930 LUBRICATION & DISPENSING EQUIPMENT		1	\$409	3	\$1,409		
FSC 6625 ELECT & ELCTRONIC PROPERTIES INSTRUMENT		4	\$2,768	4	\$2,980		
FSC 6635 PHYSICAL PROPERTIES TESTING EQUIP		1	\$304	4	\$1,954		
FSC 6650 OPTICAL INSTRUMENTS				2	\$1,065		
TOTALS:			\$23,391		\$33,621		

Remarks:

Cost information is in thousands of dollars.

P-1 ITEM NO	PAGE NO: 7 - 15	Page 2 of 2

BUDGET ITEM JUSTIFICATION (EXHIBIT			[DATE: FEBR	UARY 2007			
APPROPCODE/BA: APAF/AIRCRAFT REPLACEMENT SUPPORT EQU	UIPMENT (O&I)		P-1 NOMENCL ADVANCED DIC		TATION			
	FY2007	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013	

Description:

COST

QUANTITY

(in Thousands)

1. 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.

\$19,163

\$18,484

\$16,751

\$5,742

\$0

\$0

\$16,165

- 2. This test station supports B-1 avionics LRUs, and ultimately impacts B-1 mission capability for Global Attack missions. Failure to provide funding for ADTS will reduce B-1 mission capability due to non-availability of serviceable assets. The Combat Air Force considers ADTS a top priority. 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.
- 3. Items requested in FY08 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.
- 4. All funding beginning in FY08 is for Test Program Sets (TPS) Rehost efforts.

\$33,919

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WEAPON SYSTEM COST	ANALYSIS (EXHIBIT P	-5)							ı	DATE:	FEBRU	ARY20	007	
APPROP CODE/BA: APAF/AIRCRAFT REPLACEMEN	T SUPPORT EQUIPMENT	(O&I)		P-1 NOMENCLATURE: ADVANCED DIGITAL TEST STATION										
WEAPON SYSTE	M	ID		FY2006			FY2007			FY200	8		FY200	9
COST ELEMENTS		CODE	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST
SELF TEST AND CALIBRATION (ITA)					\$139			\$144						
PRODUCTSUPPORTAGREEMENT					\$2,082			\$303						
TEST PROGRAM SET REHOST					\$21,446			\$14,211			\$19,163			\$18,484
ADV DIGITAL TEST STATION		A	7	\$1,464,603	\$10,252	1	\$1,507,000	\$1,507						
TOTALS:			7		\$33,919	1		\$16,165			\$19,163			\$18,484
(1) ITA: Interface Test Adapto(2) Supplier corrects legitimate support).(3) Adapts TPSs to new ADTS	ors e problems at no additiona	l item	cost ar	nd keeps	s items sei	rvicab	le (supp	ly parts, n	nainte	nance, so	oftware, a	nd tech	nnical	
	P-1 ITEM NO 64				PAGE	NO: - 17					Pa	age 1	of 1	

BUDGET PROCUREMEN	T HISTORY F	PLANNING (EXHIBIT P-	5A)			DATE: FE	BRUARY 2	2007	
APPROPCODE/BA:				P-1 NO	MENCLATUR	E :				
APAF/AIRCRAFT REPLACEME	NT SUPPORT I	EQUIPMENT (D&I)	ADVAN	CED DIGITAL T	EST STATION				
ITEM NAME/ FISCAL YEAR	QTY.	UNIT COST	LOCATION C	F PCO	CONTRACT METHOD & AND LOT		AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL
ADV DIGITAL TEST STATION										
FY2006	7	\$1,464,603	AFMC/OC-	-ALC	DO/FFP	TERADYNE INC/NOR' READING, MA	TH Dec-05	Dec-06		
FY2007	1	\$1,507,000	AFMC/OC-	-ALC	DO/FFP	TERADYNE INC/NOR' READING, MA	TH Dec-06	Dec-07		
Contract FA8102-04-D-0001 a	warded 24 No	v 2003 as an o	order type cor	ntract and	d may be exerci	ised through FY07.				
	P-1 ITEM 64	NO			PAGE NO: 7 - 18			Page	1 of 1	

BUDGET ITEM JUSTIFICATION (EXHIBIT I	P-40)			[DATE: FEBR	UARY 2007	
APPROP CODE/BA:		P-1 NOMENCL	.ATURE:				
APAF/AIRCRAFT REPLACEMENT SUPPORT EQUIP	PMENT (O&I)	FLIGHT CONTR	OL TEST SET	(FLCTS)			

	FY2006	FY2007	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013
QUANTITY								
COST (in Thousands)	\$0	\$2,938	\$5,011	\$7,008	\$4,000	\$0	\$0	\$0

Description:

- 1. 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.
- 2. 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.
- 3. Failure to procure this tester will increase AFCS repair/budget, decrease combat missions, ground F-15 aircraft world-wide, affect F-15 Programmed Depot Maintenance (PDM) schedules, risk loss of life, and greatly increase our nation's vulnerability to enemy threats.
- 4. Items requested in FY08 are identified on the following P-5 and are representative of items to be procured. Items procured during execution may change on critical equipment needs to support current Air Force mission requirements.

P-1 ITEM NO 64	PAGE NO: 7 - 19	Page 1 of 1

WEAPON SYSTEM COST ANALYSIS (EXHIBIT P-5)											ARY20	07	
APPROPCODE/BA:	DMENIT (OSI)			OMENCL IT CONTR			(FLCTS)						
APAF/AIRCRAFT REPLACEMENT SUPPORT EQUIP			FY200			FY200	· · · · · · · · · · · · · · · · · · ·		FY200	8		FY200	9
WEAPON SYSTEM COST ELEMENTS	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				10	\$264,458	\$2,645	17	\$270,352	\$4,596	24	\$275,999	\$6,624
NON-RECURRING ENGINEERING							\$124			\$120			\$154
DATA							\$100			\$75			\$80
1ST FIRST ARTICLE TESTING										\$80			
TRAINING							\$70			\$140			\$150
TOTALS:							\$2,938			\$5,011			\$7,008
Remarks: Total Cost information is in thousands of dollars.													
P-1 ITEM NO 64				PAGI	ENO: 7 - 20					Pa	age 1 c	of 1	

BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A) DATE: FEBRUARY 2007 P-1 NOMENCLATURE: **APPROP CODE/BA:** FLIGHT CONTROL TEST SET (FLCTS) APAF/AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT (O&I) **DATE SPECS** DATE CONTRACT ITEM NAME/ UNIT CONTRACTOR AWD. **FIRST** AVAIL REV. QTY. **LOCATION OF PCO METHOD & FISCAL YEAR COST AND LOCATION** DATE DEL. NOW **AVAIL TYPE** FLIGHTS CNT TEST SET FY2007 **BOEING AEROSPACE/ST** 10 \$264,458 AFMC/WR-ALC SS/FFP Mar-07 Oct-07 Yes LOUIS, MO FY2008 17 \$270,352 AFMC/WR-ALC C/FFP W/OPT **UNKNOWN** Mar-08 Oct-08 Yes FY2009 \$275,999 AFMC/WR-ALC OPT/FFP UNKNOWN Jul-09 24 Mar-09 Yes **Remarks:** Cost information is in actual dollars.

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BUDGET ITEM JUSTIFICATION (E)			DATE: FEBRUARY 2007									
APPROP CODE/BA:			P-1 NOMENCLATURE:									
APAF/AIRCRAFT REPLACEMENT SUPPOR	RT EQUIPMENT (O&	l)	STORES SYSTI	EM TESTER -	INTERMEDIA	EDIATE						
	FY2006	FY2007	FY2008 FY2009		FY2010	FY2011	FY2012	FY2013				
QUANTITY												
COST (in Thousands)	\$3,321	\$5,505	\$13,087	\$9,225	\$0	\$0	\$0	\$0				
Description:												
which includes aircraft launchers, pylons, Tester shortages are creating severe limital manufacturing sources (DMS). Procurem 2. The current test set is uneconomical to more difficult to repair, and are no longer maintenance will lag, impacting timely we 3. Items requested in FY08 are identified based on critical equipment needed to sup	tions on mission acent of the SSTI fills maintain due to obstacle in determine apons loading on the following P-	complishme the existing solete and outing the caus he aircraft; the fand are reposite the caus and are reposite the caus and are reposite the caus and are reposite the caus and are reposite the caus and are reposite the caus are reposite the caus are reposite the caus are reposite the caus are reposite the caus are reposite the caus are reposite the caus are reposite to the caus are reposited to the caus are repos	nt. Procurement tester shortages utdated parts. One of AME failure hus reducing F-1 presentative of i	t of existing to and preclude and preclude alder test sets ares. If a replace 16 mission cap	esters is not es further DN are failing at cement tester pability.	an option due to MS complication higher rates, ar is not made av	o diminishing ns. e becoming in ailable, essen	creasingly tial AME				
P-1 ITE	-M NO		PAGE	NO-			Page 1 of					

WEAPON SYSTEM COST ANALYSIS (EXHIBIT	P-5)							D	ATE:	FEBRU/	ARY20	07	
APPROPCODE/BA:			P-1 N	OMENCL	.ATUR	E:		-					
APAF/AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT	(O&I)		STORE	ES SYSTE	M TES	TER - IN	NTERMED	IATE					
WEAPON SYSTEM	ID		FY200	6		FY200	7 FY		FY200	8	FY2009)
COST ELEMENTS	CODE	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST
STORES SYSTEM TESTER - INTERMEDIATE LEVEL	А	11	\$301,877	\$3,321	14	\$393,233	\$5,505	33	\$396,590	\$13,087	20	\$443,614	\$8,872
DATA/TRAINING													\$353
TOTALS:		11		\$3,321	14		\$5,505	33		\$13,087	20		\$9,225
P-1 ITEM NO 64				PAGE 7	NO: - 23					Pa	age 1	of 1	

DATE: FEBRUARY 2007

APPROPCODE/BA:

P-1 NOMENCLATURE:

APAF/AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT (O&I)

STORES SYSTEM TESTER - INTERMEDIATE

			·						
ITEM NAME/ FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL
STORES SYSTEM TESTER - INTERMEDIATE LEVEL(1)									
FY2006	11	\$301,877	AFMC/OO-ALC	DO/IDIQ	BAE SYSTEMS/ NASHUA, NH	May-06	Jan-08		
FY2007	14	\$393,233	AFMC/OO-ALC	DO/IDIQ	BAE SYSTEMS/NASHUA, NH	Jan-07	Jul-08		
FY2008	33	\$396,590	AFMC/OO-ALC	DO/IDIQ	BAE SYSTEMS/NASHUA, NH	Nov-07	May-09	Yes	
FY2009	20	\$443,614	AFMC/OO-ALC	DO/IDIQ	BAE SYSTEMS/NASHUA, NH	Nov-08	May-10	Yes	

Remarks:

Cost information is in actual dollars.

(1) This 5 year IDIQ contract, FA8212-04-D-0014, was awarded 7 Sep 04.

P-1 ITEM NO 64	PAGENO : 7 - 24	Page 1 of 1

BUDGET ITEM JUSTIFIC	ATION (EXHIBIT I	P-40)					DATE: FEBR	RUARY 2007				
APPROP CODE/BA: APAF/AIRCRAFT REPLACEME	ENT SUPPORT EQUIF	PMENT (O&I	1)	P-1 NOMENCLATURE: STORES SYSTEM TESTER - ORGANIZATION LEVEL								
		FY2006	FY2007	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013			
QUANTITY												
COST (in Thousands)		\$6,524	\$7,044	\$14,325	\$16,024	\$4,251	\$0	\$0	\$0			
Description:												
 The Stores System Tester functional and fault isolation on mission accomplishment. fills existing tester shortages a The current test set is uned more difficult to repair, and a SMS maintenance will lag, in 	tests on the F-16 airce Procurement of exist and precludes further conomical to maintain the no longer reliable to	raft. Tester ing testers DMS compared due to obstart determination.	sustainabilities not an optopolications. solete and our oning the cau	ity, parts obsole tion due to diminated atdated parts. Ones se of F-16 SMS	scence, and renishing manufolder test sets a failures. If a	esulting tester facturing sou are failing at replacement	r shortages are or rces (DMS). P higher rates, ar tester is not ma	creating sever rocurement of e becoming in	e limitations the SSTO creasingly			
3. Items requested in FY08 a change based on critical equip		•		-		procured. It	ems procured d	luring execution	on may			
	P-1 ITEM NO 64			PAGE	NO : - 25			Page 1 of	1			

BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P-40A)
---	------------------------

DATE: FEBRUARY 2007

APPROPCODE/BA:

P-1 NOMENCLATURE:

APAF/AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT (O&I)

STORES SYSTEM TESTER - ORGANIZATION LEVEL

	ID	FY2006		FY2007		FY2008		FY2009	
PROCUREMENTITEMS	CODE	QTY.	COST	QTY.	COST	QTY.	COST	QTY.	COST
STORES SYSTEM TESTER - ORGANIZATION LEVEL	А	26	\$6,524	25	\$7,044	50	\$14,325	50	\$16,024
TOTALS:		26	\$6,524	25	\$7,044	50	\$14,325	50	\$16,024

Remarks:

Cost information is in thousands of dollars.

P-1 ITEM NO	PAGENO:	Page 1 of 1
64	7 - 26	Page 1 of 1

BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-	5A)
--	-----

DATE: FEBRUARY 2007

APPROPCODE/BA:

P-1 NOMENCLATURE:

APAF/AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT (O&I)

STORES SYSTEM TESTER - ORGANIZATION LEVEL

ITEM NAME/ FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL
STORES SYSTEM TESTER - ORGANIZATION LEVEL(1)									
FY2006	26	\$250,913	AFMC/OO-ALC	DO/IDIQ	BAE SYSTEM/ NASHUA, NH	May-06	Jan-08		
FY2007	25	\$281,766	AFMC/OO-ALC	DO/IDIQ	BAE SYSTEM/ NASHUA, NH	Jan-07	Jul-08		
FY2008	50	\$286,506	AFMC/OO-ALC	DO/IDIQ	BAE SYSTEM/ NASHUA, NH	Nov-07	May-09	Yes	
FY2009	50	\$320,477	AFMC/OO-ALC	DO/IDIQ	BAE SYSTEM/ NASHUA, NH	Nov-08	May-10	Yes	

Remarks:

Cost information is in actual dollars.

(1) This 5 year IDIQ contract, FA8212-04-D-0014, was awarded 7 Sep 04.

P-1 ITEM NO	PAGENO:	Page 1 of 1
64	7 - 27	Page 1 of 1

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)							DATE: FEBRUARY2007			
APPROP CODE/BA: APAF/AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT (O&I)			P-1 NOMENCLATURE: USM-464 COUNTERMEASURES TEST SET (CTS)							
	FY	2006	FY2007	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013	
QUANTITY										
COST (in Thousands)	\$2	,844	\$0	\$7,350	\$0	\$4,225	\$4,314	\$1,102	\$0	
Description:	·	·								
1. The AN/USM-464 Counternend-to-end, GO/NO-GO performs and the AN/USM-464 warning receiver equipment, realized and II, AC-172(V)1, ALQ Talon II, AC-130H Gunship, AC-130H Gunship, AC-130H common to 52 is currently deployed to sup 464 is critical equipment requirest capability was available. Floss of aircraft when sent into	rmance verification tests 64 is intended to produce adar warning receivers, 172 (V)2, ALQ-155, AC-130U Gunship and No DO ACC and AFSOC and ACT Operation Enduring ared to perform B-52 Pharmachering the new USM	ing at the maximum Electronic LQ-122 and LQ-130P is the one greedown ase requires	organizati um commo c Counterr and ALQ-1 Combat S ly test set t m (OEF) w red EW Te	conal level (O-le conality of hardw measures (ECM) 196 ECM systen hadow weapon that is capable of with the deployments. Fully Mission	vel) for elect are and softw) equipment, and as installed or systems. If performing ment commitment commitment	ronic warfar are, to perminate and and B52H, MC the complex tent to be draft.	te (EW) systems it O-level maint leables. This te -130E Combat tests on sophis astically increas were returned to	s in place onbo enance of rada st system supp Talon I, MC-1 ticated EW sy ed in the futur o CONUS bec	pard aircraft. ar homing and borts ALR-46, 130H Combat estems. The B- re. The USM- cause no EW	
3. Items requested in FY08 are based on critical equipment ne		_		•	of items to be	procured. It	ems procured d	uring executio	on may change	
	P-1 ITEM NO 64			PAGE 7 -	NO : · 28			Page 1 of	1	

BUDGET ITEM JUSTIFICATION FOR AGGREGA	TED ITEM	S (EXHIBIT P-40A)	DATE: FEBRUA	RY2007
APPROPCODE/BA:		P-1 NOMENCLA	ATURE:		
APAF/AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT	(O&I)	USM-464 COUNT	ERMEASURES TEST SE	ET (CTS)	
	ID	FY2006	FY2007	FY2008	FY2009

	ID	F	Y2006	F'	Y2007	F`	Y2008	F۱	/2009
PROCUREMENTITEMS	CODE	QTY.	COST	QTY.	COST	QTY.	COST	QTY.	COST
USM-464 COUNTERMEASURES TEST SET (CTS)	А	7	\$2,844			14	\$7,350		
TOTALS:		7	\$2,844			14	\$7,350		

Remarks:

Cost information is in thousands of dollars.

P-1 ITEM NO 64	PAGE NO 7 - 29	Page 1 of 1	

BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A) DATE: FEBRUARY 2007 P-1 NOMENCLATURE: APPROPCODE/BA: APAF/AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT (O&I) USM-464 COUNTERMEASURES TEST SET (CTS) **DATE SPECS** DATE CONTRACT ITEM NAME/ UNIT CONTRACTOR AWD. **FIRST** AVAIL REV. QTY. **LOCATION OF PCO METHOD & FISCAL YEAR** COST **AND LOCATION DATE** DEL. NOW **AVAIL TYPE USM-464 COUNTERMEASURES** TEST SET (CTS) FY2006(1) 7 \$406,284 AFMC/WR-ALC SS/IDIQ BAE/NASHUA, NH Sep-06 Apr-07 FY2008(1) 14 \$525,000 AFMC/WR-ALC SS/IDIQ Dec-07 BAE/NASHUA, NH Aug-08 Yes **Remarks:** Cost information is in actual dollars. NSN added to BAE corporate contract in FY2006. (1) BAE Corporate Contract F09603-03-D-0001 in place, expires 2013 P-1 ITEM NO **PAGENO:** Page 1 of 1

UNCLASSIFIED

64

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BUDGET ITEM JUSTIFIC	CATION (EXHIBIT P-40)					DATE: FEBR	RUARY 2007	
APPROPCODE/BA:	ENT SUPPORT EQUIPMENT (O&I		P-1 NOMENC	LATURE:	ΓS)	1		
ALAITAINONAI I NEI EAGEIMI	FY2006	FY2007	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013
QUANTITY	F12000	F12007	F12000	F12009	F12010	FIZUII	F12012	F12013
COST (in Thousands)	\$0	\$5,895	\$1,721	\$0	\$4,038	\$1,833	\$1,872	\$2,392
Description:								
determine the status of EC sy technician interaction. In case provides the diagnostics to iso automatic or manual mode to 16 aircraft. 2. Failure to procure this item	buses. It also provides EC systems installed in or on operation es where the EC system has a cripolate the failed aircraft transmission provide identification and isolate the would compromise the safety of ter with safe and fully functional	nal aircraft. It tical fault, the fon line path/cion of failed E	automatically JSECST detectors or SEC systems. The units support	determines the detects the critical line replaceable his equipment ting A-10s, F-	he go/no-go l failure, ind ble unit (LRI supports A	status of the EC lentifies the ET U). The JSECS ir Force weapor	C system with E test that faile T can be opera a systems A-10	minimal ed, and ated in O, F-15 and F-
	re identified on the following P-4 eeded to support current Air Ford			of items to be	procured. It	ems procured d	uring executio	n may change
	P-1 ITEM NO 64		PAGE	NO:			Page 1 of	1

		U	NCL.	<u> ASSIFI</u>	ED					
BUDGET ITEM JUSTIFIC	ATION FOR AGGRE	EGATED ITE	MS (EX	HIBIT P-40	A)		DATE:	FEBRUAF	RY 2007	
APPROPCODE/BA:			P-	1 NOMENCL	ATURE:		l			
APAF/AIRCRAFT REPLACEME	NT SUPPORT EQUIPM	ENT (O&I)	US	M670 CORE 1	TEST SET (C	TS)				
		ID	F	Y2006	FY	2007	FY	2008	FY	2009
PROCUREMENTITEMS		CODE	QTY.	соѕт	QTY.	COST	QTY.	COST	QTY.	COST
USM670 CORE TEST SET (CTS)		А			14	\$5,895	4	\$1,721		
TOTALS:					14	\$5,895	4	\$1,721		
Cost information is in thousand										
	P-1 ITEM NO 64			PAGE 7 -	NO :			Pag	ge 1 of 1	

BUDGET PROCUREMENT	HISTORY P	LANNING (EXHIBIT P-	5A)			DATE: FEE	BRUARY 2	2007	
APPROPCODE/BA:				P-1 NO	MENCLATURE	:				
APAF/AIRCRAFT REPLACEMEN	T SUPPORT E	QUIPMENT (O&I)	USM670) CORE TEST SE	T (CTS)				
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
USM670 CORE TEST SET (CTS)										
FY2007	14	\$421,064	AFMC/WR-	ALC	SS/IDIQ	UNKNOWN	Mar-07	Oct-07	Yes	
FY2008	4	\$430,128	AFMC/WR-	ALC	SS/IDIQ	UNKNOWN	Jan-08	Aug-08	Yes	
	P-1 ITEM N	JO			PAGE NO:					
	P-1 ITEM N	10			PAGE NO: 7 - 33			Page	1 of 1	

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FY 2008/2009 BUDGET ESTIMATES BP 13 – POST PRODUCTION SUPPORT FEBRUARY 2007

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Appropriation (Treasury) Code/CC/B	A/BSA/Item Co	ontrol Number						P-1 Line Ite	m Nomenclatu	re		
Aircraft Procurement, A	ir Force,	Budget Ac	tivity 07,	Aircraft S	upport E	quipment	t and	B-1 Pos	t Prod Su	ıpport		
Facilities, Item No. 65												
Program Element for Code B Item	s:	11126F			Other Relate	ed Program E	Elements:		64226f; 111	26f		
	ID Code	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Comp	Total
Proc Qty	A											0
Total Proc Cost (\$ M)			13.285	10.282	0.000	0.000	0.000	0.000	0.000	0.000		23.567

Description

Aircraft Post-Production Support for B-1 aircraft. The B-1 is a long range, all weather, precision attack, heavy bomber. The aircraft is 147 feet long by 137 feet wide and weighs 477,000 pounds fully loaded. The B-1 operates at speeds up to Mach 1.2 and at altitudes from 200 feet above ground level to 40,000 feet.

FY 2008 Program Justification

Exhibit P-40, Budget Item Justification

N/A

FY 2009 Program Justification

N/A

P-1 Shopping List Item No. 65

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

Exhibit P-5, Weapon System Cost Analysis	3									Date: Feb	oruary 20	07	
Appropriation (Treasury) Code/CC/BA/BSA/Item Cont	rol Number							P-1 Lin	e Item Nomen	clature			
Aircraft Procurement, Air Force, B	udget A	ctivity	07, Aircr	aft Supp	ort Eq	uipment	and	B-1 F	ost Prod	l Suppo	rt		
Facilities, Item No. 65	•	-	·	• •		•				• •			
Manufacturer's Name/Plant City/State Location				Subline Iter	n								
···· a -							~						
Weapon System	Ident			1			Cost in Mil	lions of I					
Cost Elements	Code		FY 2006	- TD - 1		FY 2007	m . 1		FY 2008	- T		FY 2009	1
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
Avionics	A				- ()								
Armament	A												
Software	A												
Other Government Furnished Equipment (GFE)	A												
Engineering Change Orders (ECO)	A												
Nonrecurring Costs	A												
Other Costs	A												
FLYAWAY COST SUBTOTAL													
Airframe Peculiar Ground Support Equipment	A												
(PGSE)													
Engine PGSE	A												
Peculiar Training Equipment	A												
Publications/Technical Data	A												
ECOs	A												
Other	A												
SUPPORT COST SUBTOTAL													
Other Government Furnished Equipment (GFE)	A			0.063			0.162						
Depot Level Support Equipment	A			13.222			10.120						
MRSP's / Reprovisioning Spares	A												
OTHER SUPORT COSTS SUBTOTAL				13.285			10.282						
TOTAL PROGRAM				13.285			10.282						
Comments		L.	<u>.</u>	L. W.		L.	<u> </u>		l.		L.	<u>.</u>	
			D 1 Ch	ning I ist It	om No.	e E				\\/	on Crest-	m Cost A	alvoic
			F-1 200	pping List It	em No. (ບວ				weap		em Cost Ana t P-5, page	
											ומווזגם	ιr-ο, page	Z UI Z

Exhibit 1 40, Budget item of	astilloation								Dat	o. i obiadiy	2007	
Appropriation (Treasury) Code/CC/	BA/BSA/Item C	ontrol Number						P-1 Line Iter	m Nomenclatu	ire		
Aircraft Procurement, A	Air Force,	Budget Act	tivity 07,	Aircraft S	upport E	quipment	t and	B-2A Po	st Prod S	Support		
Facilities, Item No. 66		_	-									
Program Element for Code B Iter	ms:	11127F			Other Relate	ed Program E	lements:		N/A			
	ID Code	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Comp	Total
Proc Qty	A											0
Cost (\$ M)			6.856	7.665								14.521
Interim Ctr Support (\$ M)			26.979	11.666	34.780	37.139	31.314	22.023	14.547	11.781		190.229
Advance Proc Cost (\$ M)												0.000
Weapon System Cost (\$ M)		0.000	33.835	19.331	34.780	37.139	31.314	22.023	14.547	11.781	0.000	204.750
Initial Spares (\$ M)												0.000
Total Proc Cost (\$ M)		0.000	33.835	19.331	34.780	37.139	31.314	22.023	14.547	11.781	0.000	204.750
Flyaway Unit Cost (\$ M)												
Wpn Sys Unit Cost (\$ M)			6.856	7.665					1.192	2.926		

Description

- Post Production Support funds are used for the following requirements:
- -- Maintain software lab capabilities. The B-2 lab is a one-of-a-kind facility that develops, maintains, integrates, and tests the B-2 Spirit software. No other facility exists that can perform all of these functions. The B-2 lab combines flight controls, radar, weapons, navigation, traffic control, communications, flight management, external interfaces, and defensive management functionality in a lab environment. This funding will also acquire upgrades, integration, and testing of obsolete lab equipment.
- -- 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.
- -- Procurement of non-stock listed piece parts and other peculiar and common support equipment.

FY 2008 Program Justification

Exhibit P-40. Budget Item Justification

All PPS requirements for FY08 are currently unfunded.

FY 2009 Program Justification

Beginning in FY09, Depot Activation requirements are funded from BP19; all other PPS requirements will continue to be funded from BP13 PPS. FY09 PPS requirements are currently unfunded.

P-1 Shopping List Item No. 66

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

Exhibit P-5, Weapon System Cost Analysis	S									Date: Feb	oruary 20	07	
Appropriation (Treasury) Code/CC/BA/BSA/Item Cont	rol Number							P-1 Line	e Item Nomer	nclature			
Aircraft Procurement, Air Force, B	udget A	ctivity	07, Aircr	aft Supp	ort Ed	quipment	and	B-2A	Post Pro	od Supp	ort		
Facilities, Item No. 66	•	•	ŕ	• •		• •							
Manufacturer's Name/Plant City/State Location				Subline Ite	m			<u> </u>					
Northrop Grumman CForp., B-2 Division, Pico R	ivera, Ca.												
Weapon System	Ident			<u> </u>		Total	Cost in Mi	llions of I	Oollars				
Cost Elements	Code		FY 2006			FY 2007			FY 2008			FY 2009	
				Total			Total			Total			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			0.100			0.100						
Common Support Equipment	A			0.100			0.100						
Publications/Technical Data	A												
S/W & H/W Investment				4.235			4.675						
Progm Mngt & Rqts				2.421			2.790						
ECOs	A												
Other	A												
SUPPORT COST SUBTOTAL				6.856			7.665						
INTERIM CONTRACTOR SUPPORT (ICS)				26.979			11.666			34.780			37.139
TOTAL PROGRAM				33.835			19.331			34.780			37.139
Comments													
			P-1 Shop	oping List It	em No.	66				Weap		em Cost An	
											Exhibi	t P-5, page	2 of 2

Exhibit P-40, Budget Item Ju	ıstification								Dat	e: February	2007	
Appropriation (Treasury) Code/CC/I	BA/BSA/Item C	ontrol Number						P-1 Line Ite	m Nomenclatu	re		
Aircraft Procurement, A	Air Force,	Budget Ac	tivity 07,	Aircraft S	Support E	quipmen	t and	B-2A IC	S			
Facilities, Item No. 67		_				-						
Program Element for Code B Iter	ns:	N/A11			Other Relate	ed Program E	Elements:		N/A			
	ID Code	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Comp	Total
Proc Qty	A											0
Cost (\$ M)												0.000
Interim Ctr Support (\$ M)			26.979	11.666	34.780	37.139	31.314	22.023	14.547	11.781		190.229
Advance Proc Cost (\$ M)												0.000
Weapon System Cost (\$ M)		0.000	26.979	11.666	34.780	37.139	31.314	22.023	14.547	11.781	0.000	190.229
Initial Spares (\$ M)												0.000

34.780

34.780

37.139

37.139

31.314

31.314

22.023

22.023

14.547

14.547

11.781

11.781

0.000

190.229

179.434

Description

Total Proc Cost (\$ M)

Flyaway Unit Cost (\$ M) Wpn Sys Unit Cost (\$ M)

Interim Contractor Support (ICS) provides maintenance and repair capability to meet Air Combat Command (ACC) operational requirements for the B-2 weapon system. The ICS program is a comprehensive repair capability repairing 592 different B-2 Line Replaceable Units (LRU), Shop Replaceable Units (SRU), 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.

11.666

11.666

FY 2008 Program Justification

ICS provides maintenance and repairs for B-2 components needed to operate the fleet. FY08 ICS funding will continue to support repair-prioritized critical MICAP items precluding operational training impacts, minimizing cannibalization, and minimizing repair backlogs. FY08 funds will also purchase Government Furnish Materials required to maintain Special Test Equipment (STE) required for repair and maitenance of B-2 components. During FY06/07, funding infusions reversed the downward trend of funding shorfalls that had occured prior to FY06.

FY 2009 Program Justification

ICS funding requirements continue due to delays in depot activation funds from prior years. ICS funds will fund repairs until all components are depot activated.

0.000

26.979

26.979

P-1 Shopping List Item No. 67

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

Aircraft Procurement, Air Ford Facilities, Item No. 67			,										
Manufacturer's Name/Plant City/State Local	tion			Subline Iter	m								
Weapon System	Ident					Total	Cost in Mil	lions of I	Dollars				
Cost Elements	Code		FY 2006			FY 2007			FY 2008			FY 2009	
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
Interim Contractor Support				26.979			11.666			34.780			37.13
TOTAL PROGRAM				26.979			11.666			34.780			37.13
Comments													

P-1 Shopping List Item No. 67

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

Aircraft Procurement, A Facilities, Item No. 68			ctivity 07,	Aircraft S	Support E	quipmen	t and		n Nomenclatu QUADRON			
Program Element for Code B Iter	ns:	N/A			Other Relate	ed Program E	Elements:		010113F			
	ID Code	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Comp	Total
Proc Qty	A											0
Total Proc Cost (\$ M)			18.678	8.052	0.000	0.000	0.000	0.000	0.000	0.000		26.730

Description

The Conventional Enhancement Module (CEM) is a new tester that is baselined to the Off-Aircraft Pylon Test (OAPT) developed under the Integrated Conventional Stores Management System (ICSMS). The tester, termed: Multi-Use System Tester Armament - Next Generation or MUSTANG, combines the test capabilities of three separate testers: Off-Aircraft Pylon Tester (OAPT), Ground Weapons Maintenance Tester (GWM-9) and Weapons Pre load Tester (WPT). The OAPT is utilized to certify the common pylons for conventional and MIL-STD-1760 weapons release every 180 days. The WPT tests aircraft nuclear and conventional (MIL-STD-1760 conventional munitions) launcher/weapon control systems. The GWM-9 tests legacy conventional weapon control and suspension systems.

FY 2008 Program Justification

Exhibit P-40, Budget Item Justification

N/A

FY 2009 Program Justification

N/A

P-1 Shopping List Item No. 68

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

Exhibit P-5, Weapon System Cost An	alysis									Date: Feb	oruary 20	07	
Appropriation (Treasury) Code/CC/BA/BSA/Iter	m Control Number							P-1 Line It	tem Nomen	clature			
Aircraft Procurement, Air Forc	e, Budget A	ctivity (7, Aircr	aft Supp	ort Equ	uipment	and	B-52 S	QUADR	RONS			
Facilities, Item No. 68		_											
Manufacturer's Name/Plant City/State Local	tion			Subline Ite	m								
Boeing IDS/Wichita/KS													
Weapon System	Ident					Total	Cost in Mil	lions of Dol	llars				
Cost Elements	Code	FY 2006			FY 2007			FY 2008			FY 2009		
				Total			Total			Total			Total
		Qty	Unit Cost	Cost	Qty	Unit Cost	Cost	Qty U	Unit Cost	Cost	Qty	Unit Cost	Cost
Support Equipment	A	16	0.913	14.612	7	1.023	7.163						
Engineering Change Orders (ECO)	A												
Nonrecurring Costs	A												
Other Costs	A			2.411			0.664						
Publications/Technical Data	A			1.655			0.225						
SUPPORT COST SUBTOTAL													
TOTAL PROGRAM				18.678			8.052						
Comments													

P-1 Shopping List Item No. 68

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

Exhibit P-40, Budget Item Just	tification								Date	e: February	2007	
Appropriation (Treasury) Code/CC/BA	/BSA/Item Co	ontrol Number						P-1 Line Iter	m Nomenclatu	re		
Aircraft Procurement, Ai	r Force,	Budget Ac		C-5 Con	version F	Requirem	ents					
Program Element for Code B Items												
	ID Code Prior Years FY 2006 FY 2						FY 2010	FY 2011	FY 2012	FY 2013	To Comp	Total
Proc Qty	A											0
Total Proc Cost (\$ M)			0.000	0.000	18.277	18.635	12.118	0.000	0.000	0.000		49.030

Description

C-5 equipment requirements are required in support of ongoing conversions at ANG and AFRC units. The ANG has an empennage (Emp) maintenance stand requirement in FY08 and FY09 at its units at Memphis, TN and Martinsburg, WV. The Emp stand is used in support of maintenance of the tail section of the C-5 aircraft. The stand is approximately 70 feet tall and 77 feet wide at the horizontal stablilizer. The C-5 Emp is a self-propelled unit that contains approximately six working levels. It is designed to provide access to all inspection points to allow personnel to remove, install, and inspect all accessories and flight controls on the C-5 aircraft. The stand incorporates an elevator and crane capability and is mobile and drivable under its own power from a diesel engine. The AFRC has several equipment requirements in support of its unit at Wright-Patterson AFB (WPAFB), OH. The WPAFB unit requirements are needed in FY08, FY09, and FY10 (\$12.118M).

FY 2008 Program Justification

FY08 - Procures equipment in support of converting units at Memphis, TN (ANG - \$6.477M) and Wright-Patterson AFB, OH (AFRC - \$11.8M).

FY 2009 Program Justification

FY09 - Procures equipment in support of converting units at Martinsburg, WV (ANG - \$6.435M) and Wright-Patterson AFB, OH (AFRC - \$12.2M).

P-1 Shopping List Item No. 69

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

Exhibit P-5, Weapon System Cost Analysi				UNCL	ASSIF					Date: Feb	oruary 20	107	
Appropriation (Treasury) Code/CC/BA/BSA/Item Con								D 1 Lin	e Item Nomen		Juary 20	07	
			00 4:-1:(. A:	.f(1(=	N = 00					- !	1-	
Aircraft Procurement, Air Force, B	uaget A	ctivity	02, Airiif	t Aircra	rt, item	NO. 69		C-5 (Conversion	<u>วท หeqเ</u>	ııremei	<u>nts</u>	
Manufacturer's Name/Plant City/State Location				Subline Ite	em								
Weapon System	Ident						Cost in M	illions of I					
Cost Elements	Code		FY 2006			FY 2007			FY 2008			FY 2009	
		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			1						1				
FLYAWAY COST SUBTOTAL			1										
Airframe Peculiar Ground Support Equipment			†						1				
(PGSE)			'										
Engine PGSE									1				
Peculiar Training Equipment													
Publications/Technical Data													
ECOs													
Other										18.277			18.635
SUPPORT COST SUBTOTAL										18.277			18.635
TOTAL PROGRAM										18.277			18.635
Comments													

P-1 Shopping List Item No. 69

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

Exhibit P-40, Budget Item Jus	tification								Da	te: February	2007	
Appropriation (Treasury) Code/CC/BA	VBSA/Item Co	ntrol Number						P-1 Line Ite	m Nomenclat	ure		
Aircraft Procurement, A	ir Force, l	Budget Ac	t and	C-21								
Facilities, Item No. 70		_										
Program Element for Code B Items	s:	N/A			Other Relate	ed Program I	Elements:		N/A			
	ID Code	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Comp	Total
Proc Qty	A											0

14.904

19.213

0.000

0.000

0.000

Description

Total Proc Cost (\$ M)

A suite of five Ground Based Training System (GBTS) devices will be acquired to use with the C-21 aircraft to support Combat System Officer (CSO) training. Two will be 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 three 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.

0.000

Headquarters Air Education and Training Command (AETC) is currently evaluating whether CSO training will be done on C-21 or T-1 aircraft. If the decision is made to use T-1 aircraft, these funds will be used to acquire T-1 training devices in lieu of those for the C-21.

FY 2008 Program Justification

Acquire two part-task and one high-level C-21 (T-1) CSO aircrew training devices for use at the joint training facility at NAS Pensacola FL.

0.000

FY 2009 Program Justification

Acquire two high-level C-21 (T-1) CSO aircrew training devices for use at the joint training facility at NAS Pensacola FL.

0.000

P-1 Shopping List Item No. 70

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

0.000

0.000

34.117

Exhibit P-5, Weapon System Cost Analysis										Date: Feb	oruary 20	07	
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	07, Aircr	aft Sup	port E	quipment	and	C-21					
Facilities, Item No. 70													
Manufacturer's Name/Plant City/State Location				Subline Ite	em								
TBD				N/A									
Weapon System	Ident			- "		Total	Cost in M	illions of I	Dollars				
Cost Elements	Code		FY 2006			FY 2007			FY 2008			FY 2009	
				Total			Total			Total			Total
		Qty	Unit Cost	Cost	Qty	Unit Cost	Cost	Qty	Unit Cost	Cost	Qty	Unit Cost	Cost
Avionics													
Armament													
Software													
Other Government Furnished Equipment (GFE)													
Engineering Change Orders (ECO)													
Nonrecurring Costs													
Other Costs													
FLYAWAY COST SUBTOTAL													
Airframe Peculiar Ground Support Equipment													
(PGSE)													
Engine PGSE													
Peculiar Training Equipment													
Publications/Technical Data													
ECOs													
Other													
SUPPORT COST SUBTOTAL													
Ground Based Training System										14.904			19.213
TOTAL PROGRAM										14.904			19.213
Comments													
This is a non-developmental program. Source sel	ection will	be determ	ined after re	view of cur	rent aircr	aft modificati	on contrac	ts is comp	lete.				
			P-1 Shor	pping List	Item No	70				Wean	on Syste	em Cost An	alvsis
				יריים ביטנ		. 0				Heap		t P-5, page	

Appropriation (Treasury) Code/CC/BA	/BSA/Item Co	ntrol Number						P-1 Line Iter	n Nomenclatu	re		
Aircraft Procurement, Ai	r Force, I	Budget Act	tivity 07, A	Aircraft S	upport E	quipment	t and	C-130 P	ost Prod	Support		
Facilities, Item No. 71		_										
Program Element for Code B Items	·											
	ID Code	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Comp	Total
Proc Qty	A											0
Total Proc Cost (\$ M)		24.421	20.227	0.000	16.929	0.000	0.000	0.000	0.000	0.000		61.577

Description

In support of OPERATION ENDURING FREEDOM, the need for additional AC-130U force structure resulted in Dec 01 DEPSECDEF PDM IV which directed the procurement of 4 additional AC-130Us. USSOCOM agreed to purchase the aircraft and fund AFSOC-related equipment and avionics. USAF agreed to accept acquisition management and fund C-130-common equipment and avionics. This funding provides for common support equipment for these 4 aircraft.

FY 2008 Program Justification

Post production support for AC-130U plus 4 aircraft.

Exhibit P-40, Budget Item Justification

FY 2009 Program Justification

P-1 Shopping List Item No. 71

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

Exhibit P-5, Weapon System Cost Analysis										Date: Feb	oruary 20	07	
Appropriation (Treasury) Code/CC/BA/BSA/Item Cont Aircraft Procurement, Air Force, B Facilities, Item No. 71			07, Aircr	aft Supp	ort Eq	uipment	and		e Item Nomen 0 Post Pr		port		
Manufacturer's Name/Plant City/State Location				Subline Iter	n								
Weapon System	Ident					Total	Cost in M	illions of I	Dollars				
Cost Elements	Code		FY 2006			FY 2007			FY 2008			FY 2009	
2000 2000000		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
Avionics	A												
Armament	A												
Software	A												
Other Government Furnished Equipment (GFE)	A												
Engineering Change Orders (ECO)	A												
Nonrecurring Costs	A												
Other Costs	A												
FLYAWAY COST SUBTOTAL													
Airframe Peculiar Ground Support Equipment (PGSE)	A												
Engine PGSE	A												
Peculiar Training Equipment	A												
Publications/Technical Data	A												
ECOs	A												
Other	A												
AN/APN-241 ICS				16.500									
AN/APN-241 DEPOT ACTIVATION													
C-130H3 ICS													
AC-130U										16.929			
SOF Conversion				3.727									
SUPPORT COST SUBTOTAL													
TOTAL PROGRAM				20.227						16.929			
Comments										l			
			P-1 500	oping List It	em NO.	<i>(</i>)				vveapo		em Cost Ana t P-5, page	

										,			
Appropriation (Treasury) Code/CC/E	BA/BSA/Item Co	ntrol Number						P-1 Line Ite	em Nomenclat	ure			
Aircraft Procurement, A	Air Force, I	Budget Ac	nt and	EC-130	J								
Facilities, Item No. 72													
Program Element for Code B Iter	ns:	N/A			Other Relat	ed Program	Elements:		N/A				
	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Comp	Total				
Proc Qty	A	0											0

5.348

5.435

5.431

0.000

0.000

Description

Total Proc Cost (\$ M)

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

0.000

FY 2008 Program Justification

Exhibit P-40. Budget Item Justification

Funds in FY08 will fully fund the procurement on one additional EC-130J QEC. The QEC will deliver in FY10.

0.000

0.000

FY 2009 Program Justification

Funds in FY09 will fully fund the procurement on one additional EC-130J QEC. The QEC will deliver in FY11.

P-1 Shopping List Item No. 72

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

Date: February 2007

0.000

16.214

Exhibit P-5, Weapon System Cost Analysi										Date: Feb	oruary 20	07	
Appropriation (Treasury) Code/CC/BA/BSA/Item Con	trol Number							P-1 Line	e Item Nomer	nclature			
Aircraft Procurement, Air Force, B	udget A	ctivity	07, Aircr	aft Sup	port Ed	quipment	and	EC-1	30J				
Facilities, Item No. 72													
Manufacturer's Name/Plant City/State Location				Subline Ite	em			•					
Lockheed Martin Aero - Marietta				EC-130J (400C)							
Weapon System	Ident			LC-1503 (DI AC 13		Cost in M	illions of D	Ollars				
Cost Elements	Code		FY 2006			FY 2007	COSt III IVI		FY 2008			FY 2009	
Cost Elements	0000		1 1 2000	Total		112007	Total		1 1 2000	Total		1 2009	Total
		Qty	Unit Cost	Cost	Qty	Unit Cost	Cost	Qty	Unit Cost	Cost	Qty	Unit Cost	Cost
Avionics													
Armament													
Software													
Other Government Furnished Equipment (GFE)													
Engineering Change Orders (ECO)													
Nonrecurring Costs													
Other Costs													
FLYAWAY COST SUBTOTAL													
Airframe Peculiar Ground Support Equipment													
(PGSE)													
Engine PGSE													
Peculiar Training Equipment													
Publications/Technical Data													
ECOs													
Other								1	5.275	5.275		5.375	5.375
SUPPORT COST SUBTOTAL													
TOTAL PROGRAM										5.275			5.375
Comments	I	I			· ·			L					
Funding to procure 3 additional EC-130J QECs (1 per year)	to suppor	rt/sustain the	7 EC-130J	aircraft f	ïelded.							
	1 ,												
			P-1 Shop	oping List	Item No.	72				Weap		m Cost An	
											Exhibi	t P-5, page	2 of 2

	· · · · · · · · · · · · · · · · · · ·											
·									n/a			
	ID Code	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Comp	Total
Proc Qty						0						
Total Proc Cost (\$ M)		34.411	12.993	10.702	5.615	13.372	16.186	22.431	2.701	2.754	TBD	TBD

Description

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

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

FY 2008 Program Justification

Exhibit P-40, Budget Item Justification

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

FY 2009 Program Justification

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

P-1 Shopping List Item No. 73

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

Exhibit P-5, Weapon System Cost Analysi	iS									Date: Feb	ruary 20	07	
Appropriation (Treasury) Code/CC/BA/BSA/Item Con Aircraft Procurement, Air Force, B Facilities, Item No. 73			07, Aircr	aft Supr	ort Ec	uipment	and	_	e Item Nomen Post Pro		ort		
Manufacturer's Name/Plant City/State Location				Subline Iter	<u>m</u>								
Weapon System	Ident Code		EX 2006				Cost in Mil	llions of Γ				EV 2000	
Cost Elements	FY 2006 Unit Cost	Total Cost	Qty	FY 2007 Unit Cost	Total Cost	Qty	FY 2008 Unit Cost	Total Cost	Qty	FY 2009 Unit Cost	Total Cost		
Airframe Peculiar Ground Support Equipment (PGSE)	A			1.110	I		1.084	1			ı		
Engine PGSE	A	-		0.000			0.000						
PPS	A		+	1.976		<u> </u>	2.284		+			+	
ICS (including ESTS)	A			6.300	ı		3.400	i		5.615	·		13.372
Support Contracts	A			3.607	i		3.934				·		i
Plant Shutdown								i			·		i
TOTAL PROGRAM				12.993	·		10.702			5.615	·		13.372
Comments										,			
FY08-13 Funding for ESTS and ICS only.													

P-1 Shopping List Item No. 73

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

Exhibit 1 -40, Budget item	Date. I coludly 2007											
Appropriation (Treasury) Code/C	P-1 Line Item Nomenclature											
Aircraft Procurement	F-16 Post Prod Support											
Facilities, Item No. 74												
Program Element for Code B I	Items:	N/A			Other Relate	ed Program E	lements:	N/A				
	ID Code	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Comp	Total
Proc Qty	A											0
Total Proc Cost (\$ M)			17.594	12.200	19.454	20.758	20.510	20.812	21.224	21.644		154.196

Description

The F-16 Fighting Falcon is the world's premier multi-mission fighter. It is a fixed-wing, high-performance, single-engine fighter aircraft. In its 28-year history, the F-16 has proven itself in combat in a variety of air-to-air and air-to-surface missions such as defense supression, armed reconnaissance, close air support, combat air patrol, forward air control, and battle air interdiction (day/night and all-weather). 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. Due to lead time necessary for delivery of depot stand-up assets (purchased with BP11 funds), ICS funds of \$7M are required in FY08 for continued interim contractor repair of these assets.

FY 2008 Program Justification

Exhibit P-40 Rudget Item Justification

This appropriation is for the continuation of prime contract post production support, procurement of deferred peculiar ground support equipment, and activities associated with F-16 production line shutdown.

FY 2009 Program Justification

This appropriation is for the continuation of prime contract post production support, procurement of deferred peculiar ground support equipment, and activities associated with F-16 production line shutdown.

P-1 Shopping List Item No. 74

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

ntrol Number		Exhibit P-5, Weapon System Cost Analysis															
11 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -											P-1 Line Item Nomenclature						
Budget A	ctivity	07, Aircr	aft Supp	ort Eq	uipment	and	F-16 Post Prod Support										
Facilities, Item No. 74																	
Manufacturer's Name/Plant City/State Location					Subline Item												
Lockheed-Martin Tactical Aircraft Systems/Ft. Worth, TX																	
Ident			Total Cost in Millions of Dollars														
Code	FY 2006			FY 2007			FY 2008			FY 2009							
			Total			Total			Total			Total					
	Qty	Unit Cost	Cost	Qty	Unit Cost	Cost	Qty	Unit Cost	Cost	Qty	Unit Cost	Cost					
A			0.000			0.000			0.010			0.010					
A			10.676			2.658			3.775			2.909					
A																	
A			0.003			1.055			0.518			0.569					
A			0.970			1.484			0.150			0.100					
A			1.725			2.958			7.413			0.092					
A																	
A																	
A			4.220			3.945											
A						0.100			7.588			17.078					
			17.594			12.200			19.454			20.758					
			•					•			•						
	Worth, TX Ident Code A A A A A A A A A A A A A A A A A A	Worth, TX Ident Code Qty A A A A A A A A A A A A A A A A A A A	Worth, TX Ident	Subline Ite Worth, TX Ident Code FY 2006 Qty Unit Cost Cost A 0.000 A 10.676 A A 0.003 A 0.970 A 1.725 A A A 4.220 A	Subline Item Subline Item	Subline Item Subline Item	Total Cost in Mile	Subline Item Subl	Subline Item	Subline Item Subl	Subline Item Subl	Subline Item Subl					

P-1 Shopping List Item No. 74

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

Exhibit P-40, Budget item Justification									Date: February 2007							
Appropriation (Treasury) Code/CC/	Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number											P-1 Line Item Nomenclature				
Aircraft Procurement, A Facilities, Item No. 74a	•	Budget Ac	tivity 07, <i>i</i>	Aircraft S	Support E	quipment	and	Joint Pr (JPATS)	•	craft Tra	ining Sys	tem				
Program Element for Code B Iter	ms:	N/A			Other Relate	ed Program E	lements:	0604233F, 0804741F								
	ID Code	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Comp	Total				
Proc Qty	A											0				
Total Proc Cost (\$ M)		0.000	0.000	0.000	0.000	8.929	9.248	9.619	0.000	0.000	0.000	27.796				

Description

FY09-FY11 Post Production Support for the Joint Primary Aircraft Training System (JPATS) program. The final Air Force JPATS aircraft buy occurs in FY08. The final Air Force Aircrew Training Device (ATD) buy occurs in FY09.

FY 2008 Program Justification

N/A

FY 2009 Program Justification

Partially funds FY09 Post Production Support (program management, system engineering, prime contract Contract Data Requirement List items). (The remainder of the funding is programmed in PE 0804740F JPATS weapon system line.)

P-1 Shopping List Item No. 74a

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

Exhibit P-5, Weapon System Cost Analysis										Date: February 2007					
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number									P-1 Line Item Nomenclature						
Aircraft Procurement, Air Force, B	udget A	ctivity	07, Aircr	aft Sup	ort Ec	uipment	and	Joint Primary Aircraft Training System							
Facilities, Item No. 74a								(JPATS)							
Manufacturer's Name/Plant City/State Location				Subline Item											
Raytheon Aircraft Company, Wichita KS															
Weapon System	Ident					Total	Cost in M	fillions of Dollars							
Cost Elements	Code		FY 2006			FY 2007			FY 2008		FY 2009				
				Total		Total				Total			Total		
		Qty	Unit Cost	Cost	Qty	Unit Cost	Cost	Qty	Unit Cost	Cost	Qty	Unit Cost	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													8.929		
SUPPORT COST SUBTOTAL															
TOTAL PROGRAM													8.929		
Comments															
			P-1 Shor	ping List I	tem No	74a				Wean	on Syste	em Cost An	alvsis		
				,g =.cc i							Exhibi	t P-5, page	2 of 2		

Appropriation (Tracque) Code/CC/	D 1 Line Her	P-1 Line Item Nomenclature												
Appropriation (Treasury) Code/CC/														
Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and									OTHER AIRCRAFT					
Facilities, Item No. 75														
Program Element for Code B Iter	N/A	N/A Other Related Program Elements:							0207131F, 0101113F, 0101127F, 0207223F,					
Flogram Element for Code B fter	118.				Other Keratt	eu Fiografii E	dements.		0401130F, 41119F, 41115F					
	ID Code	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Comp	Total		
Proc Qty	A	0												
Total Proc Cost (\$ M)		0.000	0.000	0.000	101.896	90.531	198.176	205.655	172.624	76.769	TBD	TB		

Description

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

- FULL COMBAT MISSION TRAINING (FCMT) is funded in PE 27701F, provides funds to procure aircrew trainers for the Combat Air Forces (CAF) and supports CAF participation in Air Force Distributed Mission Operations (DMO). DMO is an operational readiness initiative enabling the USAF to exercise and train at the operational and strategic levels of war while facilitating unit level training. Networked Live-Virtual-Constructive components form the integrated DMO battlespace by linking geographically distributed high fidelity combat and combat support training devices including C2 and ISR systems.
- TRAINING is funded in PE 41897F, 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 2008 Program Justification

Exhibit P-40, Budget Item Justification

- FY 08 FCMT funding will support the acquisition of 7 A-10C Full Mission Trainers (FMT). These additional FMTs will complete the equipping of all A-10C Active Duty units and provide 2 additional Air National Guard A-10C units with FMTs providing 360 degree visual displays and DMO capability.
- FY 08 TRAINING funding will support the acquisition of:
- -- 2 C-17 Sim Threat Generators to provide realistic tactics training in the C-5 weapon system trainers allowing crewmembers to practice tactical and threat avoidance procedures in a safe, low cost environment
- -- 1 C-17 Weapon System Trainer will increase the amount of flying training that can be moved from the costly aircraft to the simulator providing more C-17s available to the warfighting commanders
- -- 7 C-5 Sim Threat Generators to provide realistic tactics training in the C-5 weapon system trainers allowing crewmembers to practice tactical and threat avoidance procedures in a safe, low cost environment
- -- 19 AMC C-130 Sim Training Devices; cargo compartment displays for enhanced initial load master training; trainers to enhance mission planning; station keeping part task trainers allows a significant reduction in training which now must be accomplished in the aircraft.
- -- 1 KC-135 Boom Operator Trainer provides for Distributed Mission Operation training capability for boom operators and pilots training in receiver air refueling and much less expensive simulator training for boom operators instead of training in the aircraft
- -- 12 C-17 Loadmaster visual systems for Loadmaster training; supports night vision goggle training, tactics training and FAA Level C training requirements
- -- 3 C-5 Simulator Visual Systems will provide upgraded image generation and visual projector systems for C-5 simulators to support night vision goggle training, tactics training and FAA Level C training requirements

P-1 Shopping List Item No. 75

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

Exhibit P-40, Budget Item Justification	Date: February 2007
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	OTHER AIRCRAFT
Facilities, Item No. 75	

FY 2009 Program Justification

- FY 09 FCMT funding will support:
- -- The acquisition of 6 F-16 block 50 trainers \$39.4M. These trainers will replace capability currently provided by Training Simulation Services contracts in accordance with direction provided by FY 07 NDAA
- --The modification of 2 B-2 (RADAR mods) and 3 B-52 Trainers (Electronic Mods) \$10.0M These funds will be converted to BA 5 in FY 09.
- FY 09 TRAINING funding will support the acquisition of:
- -- 5 C-17 Sim Threat Generators to provide realistic tactics training in the C-5 weapon system trainers allowing crewmembers to practice tactical and threat avoidance procedures in a safe, low cost environment
- -- 1 C-17 Weapon System Trainer will increase the amount of flying training that can be moved from the costly aircraft to the simulator providing more C-17s available to the warfighting commanders
- -- 2 C-5 Sim Threat Generators to provide realistic tactics training in the C-5 weapon system trainers allowing crewmembers to practice tactical and threat avoidance procedures in a safe, low cost environment
- -- Distributed Mission Operations (DMO) Capability provides for integration of 25 C-5 and C-17 simulators into the Air Force DMO environment to allow geographically separated battlefield systems and trainers to participate in a synthetic battlefield environment for mission rehearsal, Air Expeditionary Force (AEF) preparation and team tactical training
- -- 1 C-17 Cargo Load Model allows hands-on instruction for C-17 initial training of student loadmasters which will increase student Loadmaster throughput and reduce costly on aircraft training
- -- 3 C-5 Simulator Visual Systems will provide upgraded image generation and visual projector systems for C-5 simulators to support supports night vision goggle training, tactics training and FAA Level C training

P-1 Shopping List Item No. 75

Budget Item Justification Exhibit P-40, page 2 of 3

Exhibit P-5, Weapon System Cost Analysis										Date: February 2007					
Appropriation (Treasury) Code/CC/BA/BSA/Item Con Aircraft Procurement, Air Force, B Facilities, Item No. 75	raft Sup	port Eq	uipment	and		Item Nomer									
Manufacturer's Name/Plant City/State Location				Subline Item											
Weapon System Ident				Total Cost in Millions of Dollars											
Cost Elements	Code		FY 2006						FY 2008			FY 2009			
	Code	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), PE27701F; Combat Air Forces		C)	0.000	0		0.000	7		25.857	6	;	49.072		
Aircrew Training Devices															
TRAINING, PE41897F Mobility Air Forces		C)	0.000	0		0.000	45		76.039	37	,	41.459		
Training Devices			<u> </u>	0.000			0.000	+3		70.037	31				
SUPPORT COST SUBTOTAL										101.896			90.531		
TOTAL PROGRAM										101.896			90.531		

Comments

P-1 Shopping List Item No. 75

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

⁻ FCMT: FY 08 funding supports acquisition of seven A-10C Full Missions Trainers (FMT). FY09 - \$39.4Mwill support the acquisition of 6 F-16 block 50 trainers. These trainers will replace capability currently provided by Training Simulation Services contracts in accordance with direction provided by FY 07 NDAA. In addition, \$10.0M will be converted to BA 5 in FY 09 to support modifications of 2 B-2 (RADAR mods) and 3 B-52 Trainers (Electronic Mods).

⁻ TRAINING FY08 funding supports the acquisition of 2 C-17 Sim Generators (\$2.4M); 1 C-17 Weapon System Trainer (\$23.8M); 7 C-5 Sim Threat Generators (\$6.4M); 19 AMC C-130 Sim Training Devices (\$2.7M); 1 KC-135 Boom Operator Trainer (\$6.7M); 12 C-17 Loadmaster visual systems (\$10.9M); and 3 C-5 Simulator Visual Systems (\$3.1M). FY 09 funding supports the acquisition of 5 C-17 Sim Generators (\$4.4M); 1 C-17 Weapon System Trainer (\$24.3M); 2 C-5 Sim Threat Generators (\$1.2M); Distributed Mission Operations (DMO) capability for 25 C-5 and C-17 simulators (\$6.3M); 1 C-17 Cargo Load Trainer (\$1.7M); and C-5 Simulator Visual Systems (\$3.5M).

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FY 2008/2009 BUDGET ESTIMATES BP 14 – INDUSTRIAL PREPAREDNESS FEBRUARY 2007

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Exhibit P-40, Budget item Ju	(nibit P-40, Budget Item Justification											Date: February 2007						
Appropriation (Treasury) Code/CC/E	BA/BSA/Item Co	ontrol Number						P-1 Line Iter	P-1 Line Item Nomenclature									
Facilities, Item No. 76									Industrial Responsiveness									
Program Element for Code B Item	ns:	N/A			Other Relate	ed Program E	lements:	N/A										
	ID Code	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Comp	Total						
Proc Qty	A											0						
Total Proc Cost (\$ M)			21.919	23.438	23.942	24.621	25.230	25.567	26.085	26.618		197.420						

Description

while it D 40 Doublest Itams I watification

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

Industrial Facility cost elements (MPCs 1000, 3000, 7000, and 9000): Provide for repair and expansion, major rehabilitation, environmental compliance, equipment movement, and energy conservation at Air Force-owned-contractor-operated industrial facilities. These plants are the backbone of DoD weapon system assembly and maintenance for the B-2, U-2, F-16, C-130, C-5B, F-117, and F-22.

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

FY 2008 Program Justification

MPC 7000 Environmental Compliance is the major cost driver in FY08, with MPC 3000 Capital Type Rehabilitation and 6000 Industrial Base Assessment experiencing some costs as well.

FY 2009 Program Justification

For FY09 this program element will have more of the same, similiar to FY08 with MPC 7000 Environmental Compliance leading the way as the major cost driver in FY08, with MPC 3000 Capital Type Rehabilitation and MPC 6000 Industrial Base Assessment experiencing some costs as well.

P-1 Shopping List Item No. 76

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

Exhibit P-5, Weapon System Cost Analysis		Date: February 2007												
Appropriation (Treasury) Code/CC/BA/BSA/Item Cont	rol Number							P-1 Line Item Nomenclature						
Aircraft Procurement, Air Force, B	udget A	ctivity	07, Aircı	raft Supp	ort Eq	Juipment	and	Industrial Responsiveness						
Facilities, Item No. 76														
Manufacturer's Name/Plant City/State Location				Subline Ite	m									
Transcription of the control of the														
Weapon System	Ident					Total	Cost in Mil	fillions of Dollars						
Cost Elements	Code		FY 2006	FY 2007					FY 2008		FY 2009			
				Total			Total			Total	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													
Publications/Technical Data	A													
ECOs	A													
Other	A													
SUPPORT COST SUBTOTAL														
Capital Type Rehabilitation (MPC 3000)	A			7.230			7.848			8.296			8.474	
Replacement & Modernization (MPC 4000)	A			0.000			0.000			0.000			0.000	
Industrial Base Assessment (MPC 6000)	A			3.351			3.564			3.124			3.229	
Environmental Compliance (MPC 7000)	A			11.338			12.026			12.522			12.918	
Pollution Prevention	A													
TOTAL PROGRAM				21.919			23.438			23.942			24.621	
Comments														
			P-1 Shor	pping List It	em No	76				Wean	on Syste	m Cost Ana	alvsis	
						. •				поар		t P-5, page		

FY 2008/2006 BUDGET ESTIMATES BP 17 – WAR CONSUMABLES FEBRUARY 2007

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BUDGET ITEM JUSTIFIC	ATION (EXHIBIT P	·40)					DATE: FEBR	RUARY 2007	
APPROPCODE/BA: APAF/WAR CONSUMABLES				P-1 NOMENC		RVIEW)			
	ı	FY2006	FY2007	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013
QUANTITY									
COST (in Thousands)	9	S24,100	\$25,345	\$86,707	\$81,411	\$138,912	\$165,073	\$117,534	\$120,609
Description:	·				•				
1. This program provides fun Radio Frequency (RF) (expen War Reserve Materiel (WRM	ndable) Towed Decoys, (i) requirements and flee	Fiber Op et invento	tic Towed D ry objective	Decoys (FOTD), s across multipl	, and Aerial T e weapon sys	arget Drone (·
2. Budget increase in FY08 r	effects initial Mimature	e Air Laui	nched Decoy	y (MALD) prod	uction.				
3. Items to be procured in FY to support current Air Force r		ached P-4	lOA. Items р	procured during	execution ma	ay change bas	ed on the most	critical equip	ment needed
	P-1 ITEM NO 77			PAGE 1	NO:			Page 1 of	1

BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS ((EXHIBIT P-40A)	DATE:	FEBRUARY 2007
APPROPCODE/BA:	P-1 NOMENCLATURE:		
APAF/WAR CONSUMABLES	WAR CONSUMABLES (OVERVIEW)		

	ID	FY	2006	FY2007		FY2008		FY2009	
PROCUREMENTITEMS		QTY.	COST	QTY.	COST	QTY.	COST	QTY.	COST
WAR CONSUMABLES (OVERVIEW)									
ADVANCED AIRBORNE EXPENDABLE DECOY (AAED)	А	851	\$20,531	714	\$21,526	611	\$19,303	611	\$20,276
MINIATURE AIR LAUNCHED DECOY	А					150	\$63,405	150	\$56,988
ITEMS LESS THAN \$5 MILLION	А		\$3,569		\$3,819		\$3,999		\$4,147
TOTALS:			\$24,100		\$25,345		\$86,707		\$81,411

Remarks:

Cost information is in thousands of dollars.

P-1 ITEM NO	PAGENO:	Page 1 of 1
77	2	raye i oi i

BUDGET ITEM JUSTIFICA	TION (EXHIBIT P-40)					DATE: FEBRUARY 2007				
APPROPCODE/BA:			P-1 NOMENCL	ATURE:						
APAF/WAR CONSUMABLES			ADVANCED AIR	RBORNE EXF	PENDABLE DE	COY (AAED)				
	FY2006	FY2007	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013		
QUANTITY										
COST (in Thousands)	\$20,531	\$21,526	\$19,303	\$20,276	\$21,325	\$22,470	\$23,603	\$24,809		
Description:										
1. The Advanced Airborne Expaircraft. The ALE-50 significant that decoys threat systems engatowline assembly and canister), multi-platform launch controlle 2. Failure to procure the AAED	ntly enhances aircraft countermed ging the aircraft, resulting in incommagazine, launcher/controller and farings.	easure capa creased mis and pylons.	bilities against is sile miss distand. The major sys	nodern RF to ces. Major stem compor	threats. It proving the system components for the B	vides protection ments for the F- -1B are the AA	by acting as a 16 are the AA	a RF-repeater ED (includes		
	P-1 ITEM NO 77		PAGE 3	NO:			Page 1 of	1		

BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P-40A) APPROPCODE/BA: P-1 NOMENCLATURE:

APAF/WAR CONSUMABLES

ADVANCED AIRBORNE EXPENDABLE DECOY (AAED)

	ID	F'	FY2006		FY2007		/2008	FY2009	
PROCUREMENTITEMS	CODE	QTY.	COST	QTY.	COST	QTY.	COST	QTY.	COST
DECOY	А	851	\$20,531	714	\$21,526	611	\$19,303	611	\$20,276
TOTALS:		851	\$20,531	714	\$21,526	611	\$19,303	611	\$20,276

Remarks:

Cost information is in thousands of dollars.

P-1 ITEM NO	PAGENO:	Dogo 1 of 1
77	4	Page 1 of 1

BUDGET PROCUREMEN	T HISTORY F	PLANNING (EXHIBIT P-5A)			DATE: FEE	BRUARY 2	2007					
APPROPCODE/BA: APAF/WAR CONSUMABLES				P-1 NOMENCLATURE: ADVANCED AIRBORNE EXPENDABLE DECOY (AAED)									
ITEM NAME/ FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL				
DECOY													
FY2006(1)	851	\$24,126	AFMC/WR-ALC	OPT/FP	RAYTHEON/GOLETA, G	GA Aug-06	Oct-07						
FY2007(1)	714	\$30,148	AFMC/WR-ALC	OPT/FP	RAYTHEON/GOLETA, G	GA Mar-07	Oct-08	Yes					
FY2008(1)	611	\$31,592	AFMC/WR-ALC	OPT/FP	RAYTHEON/GOLETA, G	GA Mar-08	Aug-09	Yes					
FY2009(1)	611	\$33,185	AFMC/WR-ALC	OPT/FP	RAYTHEON/GOLETA, G	GA Mar-09	May-10	Yes					
Cost information is in actual d (1) Contract has an FY04 base		option years.											
		PAGE NO:			Page 1 of 1								

BUDGET ITEM JUSTIFICA	SUDGET ITEM JUSTIFICATION (EXHIBIT P-40)												
APPROP CODE/BA: APAF/WAR CONSUMABLES				P-1 NOMENCLATURE: MINIATURE AIR LAUNCHED DECOY									
	F	Y2006	FY2007	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013				
QUANTITY				150	150	375	495	325	335				
COST (in Thousands)		\$0	\$0	\$63,405	\$56,988	\$113,339	\$138,299	\$89,542	\$91,323				
Description:						•							
1. The Miniature Air Launch I Response, Space and C4ISR, ar is a low cost, powered, expendable employed from various aircrestrike aircraft. MALD-J will protarget and will jam specific rad in both decoy and jammer mod 2. The development of this protation (Airborne Electronic Attack). 3. This item is procured through	nd Air and Space Expable decoy designed to raft platforms to stimulate rovide stand-in jammars in a stand-in role tes.	peditionary o represent alate, satu ing capab to degrade ogram Ele	y Force Connt the kinemerate, and decility for Airle or deny the	acepts of Operated atics and radar serve integrated borne Electronic EIADS detection 0604270F (Electronic EIADS)	ion. Both Maignature characteristics air defense attack Sysen of friendly	IALD and MA aracteristics of systems (IAD tems. MALD aircraft or mu	ALD-J are budger various combasticates of thus increasically Julians of the second sec	eted in this pro at aircraft. The ng the surviva hed against a D-J will be ab	oject. MALD e MALD will ability of preplanned le to operate				
	P-1 ITEM NO 77			PAGE 6	NO:			Page 1 of	1				

WEAPON SYSTEM COST ANALYSIS (EXHIBIT P-	WEAPON SYSTEM COST ANALYSIS (EXHIBIT P-5)									DATE: FEBRUARY 2007				
APPROPCODE/BA:			P-1 N	OMENCL	ATUR	E:								
APAF/WAR CONSUMABLES			MINIA	TURE AIR	LAUNG	CHED D	ECOY							
WEAPON SYSTEM	ID		FY200	6	FY2007		7	FY2008			FY2009			
	CODE	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	
MALD	Α							150	\$251,053	\$37,658	150	\$248,267	\$37,240	
PRODUCTION SUPPORT														
PRODUCTION SUPPORT EQUIPMENT										\$13,695			\$4,636	
ECO/ECP										\$7,962			\$11,358	
CONTRACTOR SUPPORT										\$815			\$832	
DATA/TRAINING										\$1,990			\$1,647	
PROGRAM MANAGEMENT ADMINISTRATION										\$1,285			\$1,275	
TOTALS:								150		\$63,405	150		\$56,988	
Remarks: Total Cost information is in thousands of dollars.														
P-1 ITEM NO 77				PAGENO: 7 Page 1 of 1										

BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)					DATE: FE	BRUARY	2007			
APPROPCODE/BA:				P-1 NO	MENCLATURE	:				
APAF/WAR CONSUMABLES				MINIAT	URE AIR LAUNC	HED DECOY				
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										
FY2008(1)	150	\$251,053	AFMC/AA	AC .	OPT/FPIS	RAYTHEON/TUCSON	, AZ Mar-08	Jan-09	Yes	
FY2009(2)	150	\$248,267	AFMC/AA	AC .	SS/FFPW/OPT	RAYTHEON/TUCSON	, AZ Mar-09	Jan-10	Yes	
Cost information is in actual described (1) FY08 will exercise the first year. (2) FY09 will exercise the second	at of three produ	•	•		-	ent (SDD) Contract	. The SDD	contract has	s an FY02	base
	P-1 ITEM I 77	NO			PAGENO:			Page	1 of 1	

BUDGET ITEM JUSTIFICA	ATION (EXHIBIT P-40)					DATE: FEBR	UARY 2007	
APPROPCODE/BA:			P-1 NOMENCL		_	I		
APAF/WAR CONSUMABLES			ITEMS LESS TH	HAN \$5 MILLIO	ON 			1
	FY2006	FY2007	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013
QUANTITY								
COST (in Thousands)	\$3,569	\$3,819	\$3,999	\$4,147	\$4,248	\$4,304	\$4,389	\$4,477
Description:								
systems. These initial/replaced system.2. All items have an annual pr	fillion" line includes commoditionent War Consumable requirem ocurement value of less than \$5 e procured. Items procured dur	nents ensure	e continuation of	f serviceable, ems requeste	supportable d in FY08 ar	equipment over e identified on t	the life of a v	veapon P-40A-IL and
	P-1 ITEM NO 77		PAGE 9	NO:			Page 1 of	1

UNCLASSIFIED					
BUDGET ITEM JUSTIFICATION FOR AG	GREGATED ITEMS	S (EXHIBIT P-40A-IL)		DATE: FEBRUARY	/ 2007
APPROP CODE/BA: APAF/WAR CONSUMABLES		P-1 NOMENCLATURE ITEMS LESS THAN \$5 M			
		FY200)8	FY2	009
PROCUREMENTITEMS	NSN	QTY.	COST	QTY.	COST
REEFING LINE CUTTER		3,920	\$341	3,743	\$341
TITAN 40C RATO & INITIATOR		690	\$2,316	702	\$2,474
MK-17 IGNITER		4,297	\$662	4,097	\$664
MK44 IMPULSE CART		3,934	\$681	3,675	\$669
TOTALS:			\$3,000		\$4.147

Remarks:

Cost information is in thousands of dollars.

P-1 ITEM NO	PAGENO: 10	Page 1 of 1

FY 2008/2009 BUDGET ESTIMATES BP 19 – OTHER PRODUCTION CHARGES FEBRUARY 2007

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Exhibit P-40, Budget Item Justification						Date: February 2007		
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number P-						P-1 Line Item Nomenclature		
Aircraft Procurement, Air Force, Budget Activity,, Item No. 78						Production	Charges	
	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013
Proc Qty								
Total Proc Cost (\$ M)	676.978	452.701	683.080	607.506	988.777	1331.955	1122.823	1021.843

Description

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

P-1 Shopping List Item No. 78

Budget Item Justification Exhibit P-40, page 1 of 24

Exhibit P-40A, Budget Item Justification for Aggregated Items			Date: February 2007		
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number P-			lomenclature		
Aircraft Procurement, Air Force, Budget Activity,, Item No. 78		Miscellan	Miscellaneous Production Charges		
Procurement Items (\$M)	<u>FY 2006</u>	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>	
B-2 Squadrons	0.000	0.000	0.000	19.759	
EW Equipment Sustainment	4.915	4.831	19.449	41.798	
Manned Destructive Suppression	16.917	8.634	10.129	10.216	
F-22A Squad	48.105	44.900	110.977	124.648	
Joint Helmet Mounted Cueing System	0.000	0.000	8.498	0.000	
F-22	41.390	45.731	33.431	34.017	
Advanced Targeting Pods	64.389	63.695	105.444	118.840	
Combat Training Range Equipment	26.918	7.634	15.529	15.780	
Electronic Warfare Integrated Reprogramming (EWIR)	2.825	2.727	3.107	3.277	
Classified Programs	362.018	173.423	237.976	176.562	
Aerial Targets	4.926	5.063	5.575	5.199	
NAVSTAR Global Positioning System (GPS) User Equipment	11.521	9.969	12.593	16.078	
C-130 Airlift Squadrons	11.058	0.000	0.000	0.000	
C-5 Airborne Broadcast Intelligence/Combat Track II	1.220	1.213	1.372	1.410	
C-5 AMP	0.000	0.000	23.744	7.503	
KC-135 Airborne Broadcast Intelligence (ABI)	1.414	1.405	1.591	1.636	
C-17 (ANG)	1.384	1.333	1.484	1.496	
Pollution Prevention	2.306	2.220	2.468	2.537	
Undergraduate Navigator (SECT)	1.911	0.000	5.819	0.000	
Joint National Training Capability	2.915	2.770	0.057	0.075	
NATO AWACS Modernization	70.846	77.153	83.837	6.047	
C-17 AIRCRAFT	0.000	0.000	0.000	20.628	
Total Adjustments	676.978	452.701	683.080	607.506	

P-1 Shopping List Item No. 78

Budget Item Justification for Aggregated Items Exhibit P-40A, page 2 of 24

	0140	LASSIFIED					
Exhibit P-1900, P-1900				ate: February 2007			
Appropriation (Treasury) Code/CC/BA/BSA/Item Control No			P-1 Line Item Nomencla				
Aircraft Procurement, Air Force, Bud	get Activity 05, Modifica	tion of Inservice Air	craft, B-2 Squadrons				
Item No. 10							
	B-2 SQUAD	ESIDENT'S BUDGET PRONS FACT SHEET ars in Millions)					
PROJECT TITLE:	B-2 Squadrons						
MODELS OF AIRCRAFT APPLICABLE:							
DESCRIPTION/JUSTIFICATION:	via the Source of I currently schedule	These funds will be used to fund Depot Activation initiation of B-2 components as directed by HQ AFMC via the Source of Repair Assignment Process (SORAP). Depot Activation of the following efforts is currently scheduled in FY 09/10/11: These efforts include but are not limited to, Avionics, Receiver-Exciter, TPSs, PTS, RDP/RSP, DDU and parts.					
PROJECTED FINANCIAL PLAN:							
BASIS FOR COST ESTIMATE:	FY 2006	FY 2007	FY 2008	FY 2009			
Brisis For Cost Estimate.				19.540			
				19.340			

P-1 Shopping List Item No. 10

Exhibit P-1900, P-1900	Date: February 2007
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 Equipment Sustainment
Facilities, Item No. 20	

FY 2008 PRESIDENT'S BUDGET

EW EQUIPMENT SUSTAINMENT FACT SHEET

(Dollars in Millions)

PROJECT TITLE: EW Equipment Sustainment

MODELS OF AIRCRAFT APPLICABLE:

A-10, F-16

DESCRIPTION/JUSTIFICATION:Program provides sustainment/modernization of ALQ-131 and 184 EW pods (primary self-protection

equipment for A-10s and F-16s) and related support equipment.

PROJECTED FINANCIAL PLAN:

BASIS FOR COST ESTIMATE:	FY 2006	FY 2007	FY 2008	FY 2009
BASISTOR COST ESTIMATE.	4.915	4.831	19.449	41.798
TOTAL COST	4.915	4.831	19.449	41.798

P-1 Shopping List Item No. 20

Exhibit P-1900, P-1900	Date: February 2007
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. 20	

FY 2008 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. In FY 2001, 31 new HTS Release 6 (R6) configured pods were procured. FY 2006 funds procured 22 HTS R7 pods. Funds are programmed in FY 2007 - FY 2009 to procure approximately 27 additional HTS R7 pods towards achieving a 1.1 to 1.0 ratio of HTS pods to F-16 Block 50/52 combat-ready aircraft.

PROJECTED FINANCIAL PLAN:

	FY 2006	FY 2007	FY 2008	FY 2009
BASIS FOR COST ESTIMATE:				
	16.917	8.634	10.129	10.216
TOTAL COST	16.917	8.634	10.129	10.216

P-1 Shopping List Item No. 20

Exhibit P-1900, P-1900	Date: February 2007
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. 40	

FY 2008 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 - requirements to activate the F-22 core capability by partnering with ALCs.

PROJECTED FINANCIAL PLAN:

FY 2006 FY 2007 FY 2008 FY 2009

BASIS FOR COST ESTIMATE:

48.105 44.900 110.977 124.648

TOTAL COST 48.105 44.900 110.977 124.648

P-1 Shopping List Item No. 40

Exhibit P-1900, P-1900	Date: February 2007
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number	P-1 Line Item Nomenclature
Aircraft Procurement, Air Force, Budget Activity , , Item No. 40	Joint Helmet Mounted Cueing System

FY 2008 PRESIDENT'S BUDGET JHMCS (JOINT HELMET MOUNTED CUEING SYSTEM FACT SHEET (Dollars in Millions)

PROJECT TITLE: Joint Helmet Mounted Cueing System

MODELS OF AIRCRAFT APPLICABLE: F-15 C/D/E, F-16 Blk 25/30/40/50

DESCRIPTION/JUSTIFICATION:JHMCS is a joint Air Force/Navy program (Air Force is the lead service) to develop and field a helmet

display system capable of depicting aircraft heading data, pilot's viewing perspective, target indication tracking/cueing, and other information on the aircrew visor to enhance pilot situational awareness. This display allows the pilot to quickly align platform sensors and weapons on targets, and engage threats using high off-boresight (HOBS) weapons such as the AIM-9X. This funding procures the equipment to establish

the initial organic depot at WR-ALC and Crane.

PROJECTED FINANCIAL PLAN:

FY 2006 FY 2007 FY 2008 FY 2009

BASIS FOR COST ESTIMATE:

0.000 0.000 8.498 0.000

TOTAL COST 0.000 0.000 8.498 0.000

P-1 Shopping List Item No. 40

Exhibit P-1900, P-1900	Date: February 2007
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. 60	

FY 2008 PRESIDENT'S BUDGET

F-22 FACT SHEET (Dollars in Millions)

PROJECT TITLE: F-22

MODELS OF AIRCRAFT APPLICABLE: F-22A

DESCRIPTION/JUSTIFICATION:This request provides for units necessary for electronic warfare requirements. Additional information is

available on a need-to-know basis.

PROJECTED FINANCIAL PLAN:

	FY 2006	FY 2007	FY 2008	FY 2009
BASIS FOR COST ESTIMATE:				
F-22A	41.390	45.731	33.431	34.017
TOTAL COST	41.390	45.731	33.431	34.017

P-1 Shopping List Item No. 60

Exhibit P-1900, P-1900	Date: February 2007
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	Advanced Targeting Pods
Facilities, Item No. 70	

FY 2008 PRESIDENT'S BUDGET PRECISION ATTACK SYSTEMS PROCUREMENT FACT SHEET (Dollars in Millions)

Advanced Targeting Pods PROJECT TITLE:

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

DESCRIPTION/JUSTIFICATION:

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

active duty, Air National Guard (ANG), and Air Force Reserve Command (AFRC).

PROJECTED FINANCIAL PLAN:

BASIS FOR COST ESTIMATE:	FY 2006	FY 2007	FY 2008	FY 2009
	64.389	63.695	105.444	118.840
TOTAL COST	64.389	63.695	105.444	118.840

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P-1 Shopping List Item No. 70

Exhibit P-1900, P-1900	Date: February 2007
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. 80	

FY 2008 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:This item provides aircraft equipment for air combat training including the procurement of the P5 Combat

Training System (P5CTS). P5CTS is a cooperative AF/Navy program to provide test, training, and evaluation of AF and Navy aircrews. It also provides the capability for operational testing of weapon systems and tactics under simulated combat conditions. The P5CTS system provides the capability to train aircrews in air-to-air, air-to-ground, and ground-to-air combat, as well as electronic warfare during joint force exercises and distributed mission operation training. FY08 will continue the procurement/fielding and

support of the P5CTS.

PROJECTED FINANCIAL PLAN:

	FY 2006	FY 2007	FY 2008	FY 2009
BASIS FOR COST ESTIMATE:				
Air Combat Training Systems (ACTS)				
P5 Combat Training Systems (P5CTS)	13.668	4.934	15.529	15.780
Other Legacy ACTS Systems	0.250			
Hurricane supplemental funds for P5CTS	13.000			
Congressional Add (Montana 120th FW)		2.700		
PENDING PROGRAM CHANGES:				
TOTAL COST	26.918	7.634	15.529	15.780

P-1 Shopping List Item No. 80

Line Item Nomenclature
ectronic Warfare Integrated
programming (EWIR)
d

FY 2008 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.

PROJECTED FINANCIAL PLAN:

	FY 2006	FY 2007	FY 2008	FY 2009
BASIS FOR COST ESTIMATE:				
	2.825	2.727	3.107	3.277
TOTAL COST	2.825	2.727	3.107	3.277

P-1 Shopping List Item No. 90

Exhibit P-1900, P-1900			Da	te: February 2007	
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Numbe	P-1 Line Item Nomenclat	ure			
Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and			and Classified Prog	Classified Programs	
Facilities, Item No. 82					
	CLASSIFIED PR	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 program are available on a need-to-know basis.				
PROJECTED FINANCIAL PLAN:					
	FY 2006	FY 2007	FY 2008	FY 2009	
BASIS FOR COST ESTIMATE:					
	362.018	173.423	237.976	176.562	
TOTAL COST	362.018	173.423	237.976	176.562	

Exhibit P-1900, P-1900	Date: February 2007
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. 110	

FY 2008 PRESIDENT'S BUDGET AERIAL TARGETS FACT SHEET (Dollars in Millions)

PROJECT TITLE: Aerial Targets

MODELS OF AIRCRAFT APPLICABLE: QF-4, BQM-34, BQM-167A

DESCRIPTION/JUSTIFICATION: Program procures ALQ-188B and DLQ-9 electronic attack pods for target drones. Pods simulate threat

aircraft electronic countermeasures and jamming capabilities.

PROJECTED FINANCIAL PLAN:

	FY 2006	FY 2007	FY 2008	FY 2009
BASIS FOR COST ESTIMATE:				
ALQ-188B and DLQ-9 electronic attack pods	4.926	5.063	5.575	5.199
TOTAL COST	4.926	5.063	5.575	5.199

P-1 Shopping List Item No. 110

Exhibit P-1900, P-1900	Date: February 2007
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. 120	(GPS) User Equipment

FY 2008 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:

12.593	16.078
12.593	16.078

P-1 Shopping List Item No. 120

P-1900

Exhibit P-1900, page 14 of 24

Exhibit P-1900, P-1900	Date: February 2007
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-130 Airlift Squadrons
Facilities, Item No. 140	

FY 2008 PRESIDENT'S BUDGET

C-130 AIRLIFT SQUADRONS (JATO) FACT SHEET

(Dollars in Millions)

PROJECT TITLE: C-130 Airlift Squadrons

MODELS OF AIRCRAFT APPLICABLE:

LC-130

DESCRIPTION/JUSTIFICATION: Procures 1500 Jet-Assisted-Takeoff rockets (Bottles). JATO bottles are used only by the ANG's LC-130

aircraft in their support of the National Science Foundation (NSF) in Antarctica and Greenland. These rockets are used to assist the LC-130 takeoff from the deep snow at some of the NSF's forward sites in

Antarctica and Greenland.

PROJECTED FINANCIAL PLAN:

	FY 2006	FY 2007	FY 2008	FY 2009
BASIS FOR COST ESTIMATE:				
	11.058	0.000	0.000	0.000
TOTAL COST	11.058	0.000	0.000	0.000

P-1 Shopping List Item No. 140

Exhibit P-1900, P-1900	Date: February 2007
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
Facilities, Item No. 80	Intelligence/Combat Track II

FY 2008 PRESIDENT'S BUDGET C-5 AIRBORNE BROADCAST INTELLIGENCE (ABI) FACT SHEET (Dollars in Millions)

PROJECT TITLE: C-5 Airborne Broadcast Intelligence/Combat Track II

MODELS OF AIRCRAFT APPLICABLE:

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 awarness (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 beyon 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.

FV 2008

PROJECTED FINANCIAL PLAN:

	F 1 2000	F 1 2007	F 1 2000	F 1 2009
BASIS FOR COST ESTIMATE:				
	1.220	1.213	1.372	1.410
TOTAL COST	1.220	1.213	1.372	1.410

FV 2006

P-1 Shopping List Item No. 80

P-1900

FV 2000

EV 2007

Exhibit P-1900, P-1900	Date: February 2007
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. 80.1	
	,

FY 2008 PRESIDENT'S BUDGET C-5 AMP FACT SHEET (Dollars in Millions)

PROJECT TITLE: C-5 AMP

MODELS OF AIRCRAFT APPLICABLE:

DESCRIPTION/JUSTIFICATION:

674495: Avionics Modernization Program (AMP): Phase I of an Air Force planned two-phase modernization effort for the C-5 (Phase II is the Reliability Enhancement and Re-engining Program (RERP). AMP implements communication, navigation, surveillance/air traffic management (CNS/ATM) [formerly, Global Air Traffic Management (GATM)] and navigation/safety capability and the All Weather Flight Control System (AWFCS). It installs Deputy Secretary of Defense (DepSecDef) directed navigation/safety equipment: Terrain Awareness and Warning System (TAWS) and Traffic Alert and Collision Avoidance System (TCAS), reducing the threat of controlled flight into terrain and mid-air collisions. CNS/ATM capability requirements will be incorporated into the aircraft to meet current and future International Civil Aviation Organization (ICAO)/Federal Aviation Administration (FAA) requirements and to progress towards free flight capability. The AWFCS portion of AMP replaces low reliability line replaceable units (LRUs) in the automatic flight control system and replaces aging, non-supportable mechanical instruments in the engine and flight systems. Connectivity to mobility command and control capabilities will also be incorporated in the AMP design. The TCAS portion was accelerated ahead of the rest of the AMP mod and was completed 31 Oct 02.

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

FY 2008

PROJECTED FINANCIAL PLAN:

	1 1 2000	1 1 2007	1 1 2000	1 1 2007
BASIS FOR COST ESTIMATE:				
			23.744	7.503
TOTAL COST	0.000	0.000	23.744	7.503
		BASIS FOR COST ESTIMATE:	BASIS FOR COST ESTIMATE:	BASIS FOR COST ESTIMATE: 23.744

FY 2006

P-1 Shopping List Item No. 80.1

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FY 2009

FY 2007

Exhibit P-1900, P-1900	Date: February 2007
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. 160	(ABI)

FY 2008 PRESIDENT'S BUDGET KC-135 AIRBORNE BROADCAST INTELLIGENCE (ABI) FACT SHEET (Dollars in Millions)

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

KC-135 MODELS OF AIRCRAFT APPLICABLE:

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 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.

PROJECTED FINANCIAL PLAN:

ı		FY 2006	FY 2007	FY 2008	FY 2009
١	BASIS FOR COST ESTIMATE:				
ı		1.414	1.405	1.591	1.636
ı	TOTAL COST	1.414	1.405	1.591	1.636

P-1 Shopping List Item No. 160

P-1900

Exhibit P-1900, P-1900	Date: February 2007
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-17 (ANG)
Facilities, Item No. 170	

FY 2008 PRESIDENT'S BUDGET

C-17 FACT SHEET (Dollars in Millions)

PROJECT TITLE: C-17 (ANG)

MODELS OF AIRCRAFT APPLICABLE:

DESCRIPTION/JUSTIFICATION: Funds will provide Modern Intermediate Level Teststand (MILT) and peculiar supply equipment for

maintenance training devices for the C-17 strategic airlift squadrons (ANG).

PROJECTED FINANCIAL PLAN:

BASIS FOR COST ESTIMATE:	FY 2006	FY 2007	FY 2008	FY 2009
21222 1 011 0 00 1 20 1212121	1.384	1.333	1.484	1.496
TOTAL COST	1.384	1.333	1.484	1.496

P-1 Shopping List Item No. 170

Exhibit P-1900, P-1900	Date: February 2007
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. 180	

FY 2008 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.

FV 2008

PROJECTED FINANCIAL PLAN:

	T 1 2000	11 2007	1 1 2000	1 1 2007
BASIS FOR COST ESTIMATE:				
	2.306	2.220	2.468	2.537
TOTAL COST	2.306	2.220	2.468	2.537

FV 2006

P-1 Shopping List Item No. 180

P-1900

FV 2000

EV 2007

Exhibit P-1900, P-1900	Date: February 2007
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	Undergraduate Navigator (SECT)
Facilities, Item No. 190	

FY 2008 PRESIDENT'S BUDGET T-38 UNDERGRADUATE NAVIGATION FACT SHEET (Dollars in Millions)

PROJECT TITLE: Undergraduate Navigator (SECT)

MODELS OF AIRCRAFT APPLICABLE:

N/A

DESCRIPTION/JUSTIFICATION:

FY2006 funds were used to upgrade the T25 Simulator for Electronic Combat Training (SECT), which is used to train all USAF Electronic Warfare (EW) Officers. The SECT does not emulate a specific aircraft, but rather teaches electronic threat recognition and reaction procedures applicable to a variety of aircraft. The original SECT was designed in the early 1990s as a proprietary based trainer using mini-computers and workstations. Most hardware is now obsolete and is no longer supported by the vendor. Secondary sources do not exist for some hardware items, and secondary sources are also becoming scarce for other hardware items. Per AETC Test 99-02F T25 Force Development Evaluation Report, the SECT is "not operationally effective" because of inadequate memory, disk space and processing power. Existing hardware memory and processing power cannot be increased to build complex, realistic, up-to-date training scenarios. A non-proprietary, open-architecture trainer would provide reliability and required growth capability to accommodate dynamic EW training environment. FY2008 funds will be used to acquire eight additional T25 SECT simulators for use in Air Force Combat Systems Officer (CSO) training.

PROJECTED FINANCIAL PLAN:

	FY 2006	FY 2007	FY 2008	FY 2009
BASIS FOR COST ESTIMATE:				
	1.911	0.000	5.819	0.000
TOTAL COST	1.911	0.000	5.819	0.000

P-1 Shopping List Item No. 190

Exhibit P-1900, P-1900	Date: February 2007
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number	P-1 Line Item Nomenclature
Aircraft Procurement, Air Force, Budget Activity , , Item No. 200	Joint National Training Capability

FY 2008 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 to support joint and multi-service requirements to enhance training realism. Capabilities include Time-space Position Information (TSPI) and exercise recording for aircrew debriefing/feedback. The purpose is to provide deployable systems to support training worldwide where existing tracking capability for participating aircraft is minimal. FY06 procures the P5 Combat

Training System (P5CTS).

PROJECTED FINANCIAL PLAN:

0.075
0.075

P-1 Shopping List Item No. 200

Exhibit P-1900, P-1900	Date: February 2007
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. 210	

FY 2008 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 2006	FY 2007	FY 2008	FY 2009
BASIS FOR COST ESTIMATE:				
NATO AWACS-Near/Mid Term	70.846	77.153	83.837	6.047
TOTAL COST	70.846	77.153	83.837	6.047

P-1 Shopping List Item No. 210

	UNCL	ASSIFIED			
Exhibit P-1900, P-1900			Da	te: February 2007	
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				Ī	
Facilities, Item No. 78					
	C-17 AIRCR	SIDENT'S BUDGET AFT FACT SHEET s in Millions)			
PROJECT TITLE:	C-17 AIRCRAFT				
MODELS OF AIRCRAFT APPLICABLE:	C-17				
DESCRIPTION/JUSTIFICATION:	This activity is for the	ne Depot Activation of the	C-17 system at the three USA	AF Air Logistic Centers.	
PROJECTED FINANCIAL PLAN:	FY 2006	FY 2007	FY 2008	FY 2009	
BASIS FOR COST ESTIMATE:	F 1 2000	F 1 2007	F 1 2000	F 1 2007	
				20.628	
TOTAL COST	0.000	0.000	0.000	20.628	

Exhibit P-40, Budget Item Justification							Date: I	February 2007	
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number P-					-1 Line It	em Nomenclature			
Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and				and C	DEPO	EPOT MODERNIZATION			
Facilities, Item No. 79	Facilities, Item No. 79								
	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010		FY 2011	FY 2012	FY 2013
Proc Oty									

0.000

0.000

0.000

0.000

0.000

0.000

Description

Total Proc Cost (\$ M)

Depot Modernization provides new technology and state-of-the-art equipment to support the Air Force Depot Maintenance Strategy. Depot Modernization incorporates projects at each of the three Air Logistics Centers, and provides capability to meet current and future core requirements for avionics, instruments, oxygen components, software, fuel accessories and engines. Beginning in FY08 these funds are being transitioned out of BP19 and into the working capital fund, where the charges are more appropriate for this type of work. These tasks will continue unabated, however just not in BP19.

1.365

0.000

P-1 Shopping List Item No. 79

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

Exhibit P-1900, P-1900	Date: February 2007
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	DEPOT MODERNIZATION
Facilities, Item No. 79	

FY 2008 PRESIDENT'S BUDGET DEPOT MODERNIZATION FACT SHEET (Dollars in Millions)

DEPOT MODERNIZATION PROJECT TITLE:

A-10, B-1, B-2, B-52, C-5, C-17, C-130, E-3, E-6A, F-4, F-22, F-15, F-16, F-14, JSF, KC-135, T-37, T-38 MODELS OF AIRCRAFT APPLICABLE:

DESCRIPTION/JUSTIFICATION:

Depot Modernization provides new technology and state-of-the-art equipment to support the Air Force Depot Maintenance Strategy. Depot Modernization incorporates projects at each of the three Air Logistics Centers, and provides capability to meet current and future core requirements for avionics, instruments, oxygen components, software, fuel accessories and engines. A multi-phased effort at OC-ALC will transform Bldg. 3001 into a state of-the-art facility by implementing Lean/Cellular principles across the entire maintenance complex. The project incorporates a holistic approach, coupling Lean/Cellular design engineering with new and refurbished equipment that is key to achieving reduced flow days and increased throughput. The project includes design, shop floor preparations, new equipment purchase and refurbishment, equipment relocation and employee training. Similarly, the investment at OO-ALC is part of an overall Lean Manufacturing/Benchmarking effort that includes open-architecture state-of-the-art equipment and high velocity oxygen fuel thermal spray systems. WR-ALC projects transform outdated avionics integration software facility hardware/software to open industry standards. WR-ALC projects also include transformation of the metal bond process and the heat treat and sheetmetal manufacturing process.

PROJECTED FINANCIAL PLAN:

	FY 2006	FY 2007	FY 2008	FY 2009
BASIS FOR COST ESTIMATE:				
Benchmarking with Contractor/Industry Leaders	0.000	1.365	0.000	0.000
TOTAL COST	0.000	1.365	0.000	0.000

P-1 Shopping List Item No. 79

P-1900

Appropriation (Treasury) Code/CC/BA/BS	P-1 Line I	P-1 Line Item Nomenclature									
Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and DARP											
Facilities, Item No. 84											
	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013			
Proc Qty											
Total Proc Cost (\$ M)	125.651	12.953	27.881	21.235	11.108	9.089	0.000	0.0	000		

Description

Exhibit P-40, Budget Item Justification

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. 84

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

Date: February 2007

Exhibit P-1900, P-1900	Date: February 2007
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. 84	

FY 2008 PRESIDENT'S BUDGET DARP MODS FACT SHEET (Dollars in Millions)

DARP PROJECT TITLE:

N/A MODELS OF AIRCRAFT APPLICABLE:

Information pertaining to DARP programs is classified and available on a need-to-know basis. However, DESCRIPTION/JUSTIFICATION:

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 2006	FY 2007	FY 2008	FY 2009
BASIS FOR COST ESTIMATE:				
	125.651	12.953	27.881	21.235
TOTAL COST	125.651	12.953	27.881	21.235

P-1 Shopping List Item No. 84