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**Department of Defense  
Fiscal Year (FY) 2012 Budget Estimates**

**February 2011**



**Air Force**

*Justification Book Volume I*

**AIRCRAFT PROCUREMENT, Air Force - 3010**

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**Volume 1  
TABLE OF CONTENTS  
FY 2012 Budget Estimates  
AIRCRAFT PROCUREMENT, AIR FORCE (3010)**

<b>SECTION 1 ~ APPROPRIATION LANGUAGE</b>	<b>1</b>
<b>SECTION 2 ~ GLOSSARY/ORGANIZATIONS/TERMS</b>	<b>3</b>
<b>SECTION 3 ~ USAF FY 2012, 3010F Aircraft, Exhibit P-1</b>	<b>11</b>
<b>SECTION 4 ~ P-1 LINE ITEM DETAIL</b>	<b>13</b>

**i  
UNCLASSIFIED**

**UNCLASSIFIED**  
**Volume 1**  
**TABLE OF CONTENTS**  
**FY 2012 Budget Estimates**  
**AIRCRAFT PROCUREMENT, AIR FORCE (3010)**

**BUDGET ACTIVITY 1: Combat Aircraft**

**TACTICAL FORCES**

P-1 Line Item No. 1 - F-35	1 - 1
P-1 Line Item No. 2 - F-35 Advance Procurement	1 - 21
P-1 Line Item No. 3 - F-22	1 - 25

**BUDGET ACTIVITY 2: Airlift Aircraft**

**TACTICAL AIRLIFT**

P-1 Line Item No. 4 - C-17A (MYP)	2 - 1
-----------------------------------	-------

**OTHER AIRLIFT**

P-1 Line Item No. 5 - C-130J	2 - 11
P-1 Line Item No. 6 - C-130J Advance Procurement	2 - 25

**UNCLASSIFIED**

**UNCLASSIFIED**  
**Volume 1**  
**TABLE OF CONTENTS**  
**FY 2012 Budget Estimates**  
**AIRCRAFT PROCUREMENT, AIR FORCE (3010)**

**OTHER AIRLIFT Cont.**

P-1 Line Item No. 7 - HC-130 Recap	2 - 29
P-1 Line Item No. 8 - HC-130 Recap AP	2 - 39
P-1 Line Item No. 9 - MC-130 Recap	2 - 43
P-1 Line Item No. 10 - MC-130 Recap AP	2 - 51
P-1 Line Item No. 11 - HC/MC-130 Recap	2 - 55
P-1 Line Item No. 12 - HC/MC-130 Recap AP	2 - 63
P-1 Line Item No. 13 - C-27J	2 - 67

**BUDGET ACTIVITY 3: Trainer Aircraft**

**UPT TRAINERS**

P-1 Line Item No. 14 - LIGHT MOBILITY AIRCRAFT	3 - 1
--	-------

**UNCLASSIFIED**  
**Volume 1**  
**TABLE OF CONTENTS**  
**FY 2012 Budget Estimates**  
**AIRCRAFT PROCUREMENT, AIR FORCE (3010)**

**UPT TRAINERS Cont.**

P-1 Line Item No. 15 – USAFA Powered Flight 3 - 7

**OPERATIONAL TRAINERS**

P-1 Line Item No. 16 - T-6 3 - 13

**BUDGET ACTIVITY 4: Other Aircraft**

**HELICOPTERS**

P-1 Line Item No. 17 - Common Vertical Lift Support Platform 4 - 1

P-1 Line Item No. 19 - CV-22 Osprey 4 - 11

P-1 Line Item No. 20 - CV-22 (Osprey) Advance Procurement 4 - 25

**MISSION SUPPORT AIRCRAFT**

P-1 Line Item No. 21 - C-12 A 4 - 29

**UNCLASSIFIED**

**UNCLASSIFIED**  
**Volume 1**  
**TABLE OF CONTENTS**  
**FY 2012 Budget Estimates**  
**AIRCRAFT PROCUREMENT, AIR FORCE (3010)**

**MISSION SUPPORT AIRCRAFT Cont.**

P-1 Line Item No. 22 - C-40	4 - 35
P-1 Line Item No. 23 - Civil Air Patrol	4 - 43
P-1 Line Item No. 24 - HH-60M Operational Loss Replacement	4 - 49
P-1 Line Item No. 25 - Light Armed Attack Recon Acft	4 - 63
P-1 Line Item No. 26 - RQ-11	4 - 71
P-1 Line Item No. 27 - WASP (STUASLO)	4 - 77

**OTHER AIRCRAFT**

P-1 Line Item No. 28- Interim Gateway	4 - 85
P-1 Line Item No. 29 - Target Drones	4 - 91
P-1 Line Item No. 30 - C-37A (Small VCX)	4 - 105
P-1 Line Item No. 31 - RQ-4	4 - 111

**UNCLASSIFIED**  
**Volume 1**  
**TABLE OF CONTENTS**  
**FY 2012 Budget Estimates**  
**AIRCRAFT PROCUREMENT, AIR FORCE (3010)**

**OTHER AIRCRAFT Cont.**

P-1 Line Item No. 32 - RQ-4 Advance Procurement	4 - 127
P-1 Line Item No. 33 - AC-130 Recap	4 - 131
P-1 Line Item No. 33 - AC-130 Recap AP	4 - 141
P-1 Line Item No. 34 - MQ-9	4 - 145

**BUDGET ACTIVITY 5: MODIFICATION OF INSERVICE AIRCRAFT (BP-1100)**

P-1 Line Item No. 35 thru 80 (SUBMITTED AS AIRCRAFT PROCUREMENT VOLUME II)

**BUDGET ACTIVITY 6: Aircraft Spares and Repair Parts (BP-1600)**

P-1 Line Item No. 81 - Initial Spares/Spares/Repair Parts	6 - 1
---	-------

**UNCLASSIFIED**  
**Volume 1**  
**TABLE OF CONTENTS**  
**FY 2012 Budget Estimates**  
**AIRCRAFT PROCUREMENT, AIR FORCE (3010)**

**BUDGET ACTIVITY 7: Aircraft Support Equipment and Facility**

**COMMON SUPPORT EQUIPMENT (BP-1200)**

P-1 Line Item No. 82 - AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT 7 -1

**POST PRODUCTION SUPPORT (BP1300)**

P-1 Line Item No. 83 - B-1 7 – 71

P-1 Line Item No. 84 - B-2A Post Prod Support 7 - 75

P-1 Line Item No. 85 - B-2A ICS 7 - 79

P-1 Line Item No. 86 - B-52 SQUADRONS 7 - 83

P-1 Line Item No. 87 / 88 - C-5 7 - 87

P-1 Line Item No. 89 - KC-10A (ATCA) 7 - 91

P-1 Line Item No. 90 - C-17A 7 - 95

P-1 Line Item No. 91 - C-130 7 - 99

**UNCLASSIFIED**  
**Volume 1**  
**TABLE OF CONTENTS**  
**FY 2012 Budget Estimates**  
**AIRCRAFT PROCUREMENT, AIR FORCE (3010)**

**POST PRODUCTION SUPPORT (BP1300) Cont.**

P-1 Line Item No. 92 - EC-130J	7 - 103
P-1 Line Item No. 93 - KC-135 Maintenance Training Mods	7 - 107
P-1 Line Item No. 94 - F-15 Post Production Support	7 - 111
P-1 Line Item No. 95 - F-16 Post Production Support	7 - 115
P-1 Line Item No. 96 - T-6	7 - 119
P-1 Line Item No. 97 - OTHER AIRCRAFT	7 - 123

**INDUSTRIAL PREPAREDNESS (BP1400)**

P-1 Line Item No. 98 -Industrial Responsiveness	7 - 127
---	---------

**WAR CONSUMABLES (BP1700)**

P-1 Line Item No. 99 - WAR CONSUMABLES	7 - 131
--	---------

**UNCLASSIFIED**  
**Volume 1**  
**TABLE OF CONTENTS**  
**FY 2012 Budget Estimates**  
**AIRCRAFT PROCUREMENT, AIR FORCE (3010)**

**OTHER PRODUCTION CHARGES (BP1900)**

P-1 Line Item No. 100 - Other Production Charges	7 - 151
P-1 Line Item No. 100. 1 - Global Hawk	7 - 175
P-1 Line Item No. 101 - MQ-1 Predator	7 - 177
P-1 Line Item No. 105 - DARP	7 - 179

**UNCLASSIFIED**

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**UNCLASSIFIED**

FY 2012 BUDGET ESTIMATES

FEBRUARY 2011

**SECTION 1:**

**APPROPRIATION LANGUAGE**

**UNCLASSIFIED - 1**

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**Budget Appendix Extract Language  
Fiscal Year 2012 Budget Estimates  
Aircraft Procurement, Air Force**

For construction, procurement, and modification of aircraft and equipment, including armor and armament, specialized ground handling equipment, and training devices, spare parts, and accessories therefore; specialized equipment; expansion of public and private plants, Government-owned equipment and installation thereof in such plants, erection of structures, and acquisition of land, for the foregoing purposes, and such lands and interests therein, may be acquired, and construction prosecuted thereon prior to approval of title; reserve plant and Government and contractor-owned equipment layaway; and other expenses necessary for the foregoing purposes including rents and transportation of things, \$14,610,392,000 to remain available for obligations until September 30, 2014.

**UNCLASSIFIED - 4**

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**UNCLASSIFIED**

FY 2012 BUDGET ESTIMATES

FEBRUARY 2011

**SECTION 2:**

**GLOSSARY/ORGANIZATIONS/TERMS**

**UNCLASSIFIED - 3**

**UNCLASSIFIED**

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**UNCLASSIFIED - 4**

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## GLOSSARY OF ACRONYMS

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

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

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

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**ORGANIZATIONS**

**ACC - Air Combat Command**

**AFMC - Air Force Material Command**

**ALC - Air Logistics Center**

**ASC - Aeronautical Systems Center**

**ATC - Air Training Command**

**FAA - Federal Aviation Administration**

**NATO - North Atlantic Treaty Organization**

**OSD - Office of the Secretary of Defense**

**PACAF - Pacific Air Forces**

**USAFE - United States Air Forces Europe**

**UNCLASSIFIED - 8**

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## TERMS

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

**Avionics** - Electronic equipment on-board aircraft

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

**Chaff Flare** - Radar and infrared countermeasures

**Depot** - Wholesale level repair and supply point

**Drone** - An object used for target practice

**Fly by wire** - Full authority electronic flight control system

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

**Interdiction** - Operational term for behind the front line bombing

**Inter theater** - Global

**Intratheater** - Within given area

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

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

**Off the Shelf** - Commercially available equipment

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

**Prototype** - A working model transforming a developmental idea into reality

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

**Pylon** - Munitions adapter

**Readiness** - Ability to go to war and support initial deployment

**Robotics** - Automated manufacturing technique

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

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

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

**Sustainability** - Ability to sustain wartime combat rates after initial surge

**Target** - See Drone

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FY 2012 BUDGET ESTIMATES

FEBRUARY 2011

**SECTION 3:**

**3010F AIRCRAFT, EXHIBIT P-1**

**UNCLASSIFIED - 11**

**UNCLASSIFIED**

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**UNCLASSIFIED - 12**

## UNCLASSIFIED

Department of the Air Force  
 FY 2012 President's Budget  
 Exhibit P-1 FY 2012 President's Budget  
 Total Obligational Authority  
 (Dollars in Thousands)

28 Jan 2011

## Appropriation: Aircraft Procurement, Air Force

Budget Activity -----	FY 2010 (Base & OCO) -----	FY 2011 Base Request with CR Adj* -----	FY 2011 OCO Request with CR Adj* -----	FY 2011 Total Request with CR Adj* -----
01. Combat Aircraft	2,452,818	4,144,281	204,900	4,349,181
02. Airlift Aircraft	3,892,019	1,763,515		1,763,515
03. Trainer Aircraft	21,594	69,798		69,798
04. Other Aircraft	2,070,276	2,274,136	339,380	2,613,516
05. Modification of Inservice Aircraft	3,992,367	4,807,329	702,440	5,509,769
06. Aircraft Spares and Repair Parts	435,463	622,020	10,900	632,920
07. Aircraft Supt Equipment & Facilities	1,045,239	1,685,429	104,800	1,790,229
20. Undistributed		-2,741,069	-466,193	-3,207,262
Total Aircraft Procurement, Air Force	13,909,776	12,625,439	896,227	13,521,666

P-1P: FY 2012 President's Budget (With FY 2011 CR Adjustments), as of January 28, 2011 at 13:49:27

\* Reflects the FY 2011 President's Budget with an undistributed adjustment to match the Annualized Continuing Resolution funding level by appropriation.

## UNCLASSIFIED

Department of the Air Force  
 FY 2012 President's Budget  
 Exhibit P-1 FY 2012 President's Budget  
 Total Obligational Authority  
 (Dollars in Thousands)

28 Jan 2011

## Appropriation: Aircraft Procurement, Air Force

Budget Activity -----	FY 2011 Annualized CR Base** -----	FY 2011 Annualized CR OCO** -----	FY 2011 Annualized CR Total** -----
01. Combat Aircraft	3,405,026	134,787	3,539,813
02. Airlift Aircraft	1,448,939		1,448,939
03. Trainer Aircraft	57,348		57,348
04. Other Aircraft	1,868,478	223,250	2,091,728
05. Modification of Inservice Aircraft	3,949,801	462,079	4,411,880
06. Aircraft Spares and Repair Parts	511,064	7,170	518,234
07. Aircraft Supt Equipment & Facilities	1,384,783	68,941	1,453,724
20. Undistributed			
Total Aircraft Procurement, Air Force	12,625,439	896,227	13,521,666

P-1P: FY 2012 President's Budget (With FY 2011 CR Adjustments), as of January 28, 2011 at 13:49:27

\*\* Adjusts each budget line included in the FY 2011 President's Budget request proportionally to match the Annualized Continuing Resolution funding level for each appropriation. Quantities - TBD

## UNCLASSIFIED

Department of the Air Force  
 FY 2012 President's Budget  
 Exhibit P-1 FY 2012 President's Budget  
 Total Obligational Authority  
 (Dollars in Thousands)

28 Jan 2011

## Appropriation: Aircraft Procurement, Air Force

Budget Activity -----	FY 2012 Base -----	FY 2012 OCO -----	FY 2012 Total -----
01. Combat Aircraft	3,768,210		3,768,210
02. Airlift Aircraft	1,468,140		1,468,140
03. Trainer Aircraft	1,060		1,060
04. Other Aircraft	2,137,251	111,772	2,249,023
05. Modification of Inservice Aircraft	4,019,814	337,023	4,356,837
06. Aircraft Spares and Repair Parts	1,030,364	2,800	1,033,164
07. Aircraft Supt Equipment & Facilities	1,657,688	76,270	1,733,958
20. Undistributed			
Total Aircraft Procurement, Air Force	14,082,527	527,865	14,610,392

P-1P: FY 2012 President's Budget (With FY 2011 CR Adjustments), as of January 28, 2011 at 13:49:27

UNCLASSIFIED

Page F-2B

## UNCLASSIFIED

Department of the Air Force  
 FY 2012 President's Budget  
 Exhibit P-1 FY 2012 President's Budget  
 Total Obligational Authority  
 (Dollars in Thousands)

28 Jan 2011

Appropriation: 3010F Aircraft Procurement, Air Force

Line No	Item Nomenclature	Ident Code	FY 2010 (Base & OCO)		FY 2011 Base Request with CR Adj*		FY 2011 OCO Request with CR Adj*		FY 2011 Total Request with CR Adj*		S e c
			Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	
Budget Activity 01: Combat Aircraft											
-----											
Tactical Forces											
1	F-35	A	10	(2,251,645)	22	(4,007,842)	1	(204,900)	23	(4,212,742)	U
	Less: Advance Procurement (PY)			(-171,437)		(-278,600)				(-278,600)	U
				-----		-----		-----		-----	
				2,080,208		3,729,242		204,900		3,934,142	
2	F-35			277,741		257,000				257,000	U
	Advance Procurement (CY)										
3	F-22A	A		(234,869)		(158,039)				(158,039)	U
	Less: Advance Procurement (PY)			(-140,000)							U
				-----		-----		-----		-----	
				94,869		158,039				158,039	
Total Combat Aircraft				2,452,818		4,144,281		204,900		4,349,181	
Budget Activity 02: Airlift Aircraft											
-----											
Tactical Airlift											
4	C-17A (MYP)	A	10	2,598,525		14,283				14,283	U
Other Airlift											
5	C-130J	A	4	(392,130)	8	(566,167)			8	(566,167)	U
	Less: Advance Procurement (PY)			(-35,379)		(-102,900)				(-102,900)	U
				-----		-----		-----		-----	
				356,751		463,267				463,267	
6	C-130J			107,667		48,000				48,000	U
	Advance Procurement (CY)										

P-1P: FY 2012 President's Budget (With FY 2011 CR Adjustments), as of January 28, 2011 at 13:49:27

\* Reflects the FY 2011 President's Budget with an undistributed adjustment to match the Annualized Continuing Resolution funding level by appropriation.

## UNCLASSIFIED

Department of the Air Force  
 FY 2012 President's Budget  
 Exhibit P-1 FY 2012 President's Budget  
 Total Obligational Authority  
 (Dollars in Thousands)

28 Jan 2011

Appropriation: 3010F Aircraft Procurement, Air Force

Line No	Item Nomenclature	Ident Code	FY 2011 Annualized CR Base**		FY 2011 Annualized CR OCO**		FY 2011 Annualized CR Total**		S e c
			Quantity	Cost	Quantity	Cost	Quantity	Cost	
Budget Activity 01: Combat Aircraft									
-----									
Tactical Forces									
1	F-35	A		(3,296,778)		(134,787)		(3,431,565)	U
	Less: Advance Procurement (PY)			(-278,600)				(-278,600)	U
				-----		-----		-----	
				3,018,178		134,787		3,152,965	
2	F-35			257,000				257,000	U
	Advance Procurement (CY)								
3	F-22A	A		(129,848)				(129,848)	U
	Less: Advance Procurement (PY)								U
				-----		-----		-----	
				129,848				129,848	
				-----		-----		-----	
	Total Combat Aircraft			3,405,026		134,787		3,539,813	
Budget Activity 02: Airlift Aircraft									
-----									
Tactical Airlift									
4	C-17A (MYP)	A		11,735				11,735	U
Other Airlift									
5	C-130J	A		(474,967)				(474,967)	U
	Less: Advance Procurement (PY)			(-102,900)				(-102,900)	U
				-----		-----		-----	
				372,067				372,067	
6	C-130J			48,000				48,000	U
	Advance Procurement (CY)								

P-1P: FY 2012 President's Budget (With FY 2011 CR Adjustments), as of January 28, 2011 at 13:49:27

\*\* Adjusts each budget line included in the FY 2011 President's Budget request proportionally to match the Annualized Continuing Resolution funding level for each appropriation. Quantities - TBD

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Department of the Air Force  
 FY 2012 President's Budget  
 Exhibit P-1 FY 2012 President's Budget  
 Total Obligational Authority  
 (Dollars in Thousands)

28 Jan 2011

Appropriation: 3010F Aircraft Procurement, Air Force

Line No	Item Nomenclature	Ident Code	FY 2012 Base		FY 2012 OCO		FY 2012 Total		S e c
			Quantity	Cost	Quantity	Cost	Quantity	Cost	
Budget Activity 01: Combat Aircraft									
-----									
Tactical Forces									
1	F-35	A	19	(3,597,615)			19	(3,597,615)	U
	Less: Advance Procurement (PY)			(-257,000)				(-257,000)	U
				-----				-----	
				3,340,615				3,340,615	
2	F-35			323,477				323,477	U
	Advance Procurement (CY)								
3	F-22A	A		(104,118)				(104,118)	U
	Less: Advance Procurement (PY)								U
				-----				-----	
				104,118				104,118	
				-----				-----	
				3,768,210				3,768,210	
Total Combat Aircraft									
Budget Activity 02: Airlift Aircraft									
-----									
Tactical Airlift									
4	C-17A (MYP)	A							U
Other Airlift									
5	C-130J	A	1	(120,879)			1	(120,879)	U
	Less: Advance Procurement (PY)			(-48,000)				(-48,000)	U
				-----				-----	
				72,879				72,879	
6	C-130J								U
	Advance Procurement (CY)								

P-1P: FY 2012 President's Budget (With FY 2011 CR Adjustments), as of January 28, 2011 at 13:49:27

UNCLASSIFIED

Department of the Air Force  
 FY 2012 President's Budget  
 Exhibit P-1 FY 2012 President's Budget  
 Total Obligational Authority  
 (Dollars in Thousands)

28 Jan 2011

Appropriation: 3010F Aircraft Procurement, Air Force

Line No	Item Nomenclature	Ident Code	FY 2010 (Base & OCO)		FY 2011 Base Request with CR Adj*		FY 2011 OCO Request with CR Adj*		FY 2011 Total Request with CR Adj*		S e c
			Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	
7	HC-130J Less: Advance Procurement (PY)	A			4	(349,300)			4	(349,300)	U U
										349,300	
8	HC-130J Advance Procurement (CY)					10,000				10,000	U
9	MC-130J Less: Advance Procurement (PY)	A			5	(467,465)			5	(467,465)	U U
										467,465	
10	MC-130J Advance Procurement (CY)					60,000				60,000	U
11	HC/MC-130 RECAP Less: Advance Procurement (PY)	A	2	(453,856)		(137,360)				(137,360)	U U
				(-79,782)		(-137,360)				(-137,360)	
				374,074							
12	HC/MC-130 RECAP Advance Procurement (CY)			136,936							U
13	C-27J	A	8	318,066	8	351,200			8	351,200	U
Total Airlift Aircraft				3,892,019		1,763,515				1,763,515	
Budget Activity 03: Trainer Aircraft											
-----											
UPT Trainers											
14	LIGHT MOBILITY AIRCRAFT	A			15	65,699			15	65,699	U
15	Usafa Powered Flight Program	A	32	8,931	12	4,099			12	4,099	U

P-1P: FY 2012 President's Budget (With FY 2011 CR Adjustments), as of January 28, 2011 at 13:49:27

\* Reflects the FY 2011 President's Budget with an undistributed adjustment to match the Annualized Continuing Resolution funding level by appropriation.

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Department of the Air Force  
 FY 2012 President's Budget  
 Exhibit P-1 FY 2012 President's Budget  
 Total Obligational Authority  
 (Dollars in Thousands)

28 Jan 2011

Appropriation: 3010F Aircraft Procurement, Air Force

Line No	Item Nomenclature	Ident Code	FY 2011 Annualized CR Base**		FY 2011 Annualized CR OCO**		FY 2011 Annualized CR Total**		S e c
			Quantity	Cost	Quantity	Cost	Quantity	Cost	
7	HC-130J	A		(285,208)			(285,208)		U
	Less: Advance Procurement (PY)								U
				-----		-----	-----		
				285,208			285,208		
8	HC-130J			10,000			10,000		U
	Advance Procurement (CY)								
9	MC-130J	A		(373,376)			(373,376)		U
	Less: Advance Procurement (PY)								U
				-----		-----	-----		
				373,376			373,376		
10	MC-130J			60,000			60,000		U
	Advance Procurement (CY)								
11	HC/MC-130 RECAP	A		(137,360)			(137,360)		U
	Less: Advance Procurement (PY)			(-137,360)			(-137,360)		U
				-----		-----	-----		
12	HC/MC-130 RECAP								U
	Advance Procurement (CY)								
13	C-27J	A		288,553			288,553		U
				-----		-----	-----		
	Total Airlift Aircraft			1,448,939			1,448,939		
Budget Activity 03: Trainer Aircraft									
-----									
UPT Trainers									
14	LIGHT MOBILITY AIRCRAFT	A		53,980			53,980		U
15	Usafa Powered Flight Program	A		3,368			3,368		U

P-1P: FY 2012 President's Budget (With FY 2011 CR Adjustments), as of January 28, 2011 at 13:49:27

\*\* Adjusts each budget line included in the FY 2011 President's Budget request proportionally to match the Annualized Continuing Resolution funding level for each appropriation. Quantities - TBD

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Department of the Air Force  
 FY 2012 President's Budget  
 Exhibit P-1 FY 2012 President's Budget  
 Total Obligational Authority  
 (Dollars in Thousands)

28 Jan 2011

Appropriation: 3010F Aircraft Procurement, Air Force

Line No	Item Nomenclature	Ident Code	FY 2012 Base		FY 2012 OCO		FY 2012 Total		S e c
			Quantity	Cost	Quantity	Cost	Quantity	Cost	
7	HC-130J	A	3	(342,899)			3	(342,899)	U
	Less: Advance Procurement (PY)			(-10,000)				(-10,000)	U
				-----				-----	
				332,899				332,899	
8	HC-130J								U
	Advance Procurement (CY)								
9	MC-130J	A	6	(642,466)			6	(642,466)	U
	Less: Advance Procurement (PY)			(-60,000)				(-60,000)	U
				-----				-----	
				582,466				582,466	
10	MC-130J								U
	Advance Procurement (CY)								
11	HC/MC-130 RECAP	A							U
	Less: Advance Procurement (PY)								U
				-----				-----	
12	HC/MC-130 RECAP								U
	Advance Procurement (CY)								
13	C-27J	A	9	479,896			9	479,896	U
				-----				-----	
	Total Airlift Aircraft			1,468,140				1,468,140	
Budget Activity 03: Trainer Aircraft									
-----									
UPT Trainers									
14	LIGHT MOBILITY AIRCRAFT	A							U
15	Usafa Powered Flight Program	A		1,060				1,060	U

P-1P: FY 2012 President's Budget (With FY 2011 CR Adjustments), as of January 28, 2011 at 13:49:27

## UNCLASSIFIED

Department of the Air Force  
 FY 2012 President's Budget  
 Exhibit P-1 FY 2012 President's Budget  
 Total Obligational Authority  
 (Dollars in Thousands)

28 Jan 2011

Appropriation: 3010F Aircraft Procurement, Air Force

Line No	Item Nomenclature	Ident Code	FY 2010 (Base & OCO)		FY 2011 Base Request with CR Adj*		FY 2011 OCO Request with CR Adj*		FY 2011 Total Request with CR Adj*		S e c
			Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	
Operational Trainers											
16	T-6	A		12,663							U
Total Trainer Aircraft				21,594		69,798				69,798	
Budget Activity 04: Other Aircraft											
-----											
Helicopters											
17	Common Vertical Lift Support PlatFor Less: Advance Procurement (PY)	A									U U
18 Common Vertical Lift Support PlatFor Advance Procurement (CY)						6,432				6,432	U
19	V22 Osprey Less: Advance Procurement (PY)	A	5	(459,028) (-23,148)	5	(415,150) (-22,052)			5	(415,150) (-22,052)	U U
				435,880		393,098				393,098	
20	V22 Osprey Advance Procurement (CY)			13,835		13,621				13,621	U
Mission Support Aircraft											
21	C-12 A	A	5	40,000							U
22	C-40	A	3	153,569							U
23	Civil Air Patrol A/C	A		6,406		2,424				2,424	U
24	HH-60M	A	4	94,990	3	104,447	3	114,000	6	218,447	U
25	Light Attack Armed Recon Acft	A									U

P-1P: FY 2012 President's Budget (With FY 2011 CR Adjustments), as of January 28, 2011 at 13:49:27

\* Reflects the FY 2011 President's Budget with an undistributed adjustment to match the Annualized Continuing Resolution funding level by appropriation.

## UNCLASSIFIED

Department of the Air Force  
 FY 2012 President's Budget  
 Exhibit P-1 FY 2012 President's Budget  
 Total Obligational Authority  
 (Dollars in Thousands)

28 Jan 2011

Appropriation: 3010F Aircraft Procurement, Air Force

Line No	Item Nomenclature	Ident Code	FY 2011 Annualized CR Base**		FY 2011 Annualized CR OCO**		FY 2011 Annualized CR Total**		S e c
			Quantity	Cost	Quantity	Cost	Quantity	Cost	
Operational Trainers									
16	T-6	A							U
Total Trainer Aircraft				57,348				57,348	
Budget Activity 04: Other Aircraft									
-----									
Helicopters									
17	Common Vertical Lift Support PlatFor Less: Advance Procurement (PY)	A		(-1,147)				(-1,147)	U U
				-----				-----	
				-1,147				-1,147	
18	Common Vertical Lift Support PlatFor Advance Procurement (CY)			6,432				6,432	U
19	V22 Osprey Less: Advance Procurement (PY)	A		(342,600) (-22,052)				(342,600) (-22,052)	U U
				-----				-----	
				320,548				320,548	
20	V22 Osprey Advance Procurement (CY)			13,621				13,621	U
Mission Support Aircraft									
21	C-12 A	A							U
22	C-40	A							U
23	Civil Air Patrol A/C	A		1,992				1,992	U
24	HH-60M	A		85,816		74,991		160,807	U
25	Light Attack Armed Recon Acft	A							U

P-1P: FY 2012 President's Budget (With FY 2011 CR Adjustments), as of January 28, 2011 at 13:49:27

\*\* Adjusts each budget line included in the FY 2011 President's Budget request proportionally to match the Annualized Continuing Resolution funding level for each appropriation. Quantities - TBD

## UNCLASSIFIED

Department of the Air Force  
 FY 2012 President's Budget  
 Exhibit P-1 FY 2012 President's Budget  
 Total Obligational Authority  
 (Dollars in Thousands)

28 Jan 2011

Appropriation: 3010F Aircraft Procurement, Air Force

Line No	Item Nomenclature	Ident Code	FY 2012 Base		FY 2012 OCO		FY 2012 Total		S e c
			Quantity	Cost	Quantity	Cost	Quantity	Cost	
Operational Trainers									
16	T-6	A							U
Total Trainer Aircraft				1,060				1,060	
Budget Activity 04: Other Aircraft									
-----									
Helicopters									
17	Common Vertical Lift Support PlatFor	A	2	(59,232)			2	(59,232)	U
	Less: Advance Procurement (PY)			(-6,432)				(-6,432)	U
				52,800				52,800	
18	Common Vertical Lift Support PlatFor								U
	Advance Procurement (CY)								
19	V22 Osprey	A	5	(362,407)	2	(70,000)	7	(432,407)	U
	Less: Advance Procurement (PY)			(-22,542)				(-22,542)	U
				339,865		70,000		409,865	
20	V22 Osprey								U
	Advance Procurement (CY)			20,000				20,000	
Mission Support Aircraft									
21	C-12 A	A							U
22	C-40	A							U
23	Civil Air Patrol A/C	A		2,190				2,190	U
24	HH-60M	A	3	104,711	2	39,300	5	144,011	U
25	Light Attack Armed Recon Acft	A	9	158,549			9	158,549	U

P-1P: FY 2012 President's Budget (With FY 2011 CR Adjustments), as of January 28, 2011 at 13:49:27

## UNCLASSIFIED

Department of the Air Force  
 FY 2012 President's Budget  
 Exhibit P-1 FY 2012 President's Budget  
 Total Obligational Authority  
 (Dollars in Thousands)

28 Jan 2011

## Appropriation: 3010F Aircraft Procurement, Air Force

Line No	Item Nomenclature	Ident Code	FY 2010 (Base & OCO)		FY 2011 Base Request with CR Adj*		FY 2011 OCO Request with CR Adj*		FY 2011 Total Request with CR Adj*		S e c
			Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	
26	RQ-11	A						9,380		9,380	U
27	STUASLO	A		3,597		3,253				3,253	U
Other Aircraft											
28	ITERIM GATEWAY	A		18,000							U
29	Target Drones	A		74,481	9	85,505			9	85,505	U
30	C-37A	A	1	66,195	2	52,000			2	52,000	U
31	RQ-4	A	4	(616,750)	4	(762,678)			4	(762,678)	U
	Less: Advance Procurement (PY)			(-63,686)		(-113,049)				(-113,049)	U
				553,064		649,629				649,629	
32	RQ-4										
	Advance Procurement (CY)			112,700		90,200				90,200	U
33	MC 130 In BA 04	A				9,932				9,932	U
34	MQ-9	A	24	497,559	36	863,595	12	216,000	48	1,079,595	U
Total Other Aircraft				2,070,276		2,274,136		339,380		2,613,516	
Budget Activity 05: Modification of Inservice Aircraft											
-----											
Strategic Aircraft											
35	B-2A	A		(296,756)		(63,371)				(63,371)	U
	Less: Advance Procurement (PY)			(-49,665)							U
				247,091		63,371				63,371	
36	B-1B	A		98,816		200,090		8,500		208,590	U
37	B-52	A		61,276		69,074				69,074	U

P-1P: FY 2012 President's Budget (With FY 2011 CR Adjustments), as of January 28, 2011 at 13:49:27

\* Reflects the FY 2011 President's Budget with an undistributed adjustment to match the Annualized Continuing Resolution funding level by appropriation.

## UNCLASSIFIED

Department of the Air Force  
 FY 2012 President's Budget  
 Exhibit P-1 FY 2012 President's Budget  
 Total Obligational Authority  
 (Dollars in Thousands)

28 Jan 2011

Appropriation: 3010F Aircraft Procurement, Air Force

Line No	Item Nomenclature	Ident Code	FY 2011 Annualized CR Base**		FY 2011 Annualized CR OCO**		FY 2011 Annualized CR Total**		S e c
			Quantity	Cost	Quantity	Cost	Quantity	Cost	
26	RQ-11	A				6,170	6,170		U
27	STUASLO	A		2,673			2,673		U
Other Aircraft									
28	ITERIM GATEWAY	A							U
29	Target Drones	A		70,253			70,253		U
30	C-37A	A		42,724			42,724		U
31	RQ-4	A		(630,708)			(630,708)		U
	Less: Advance Procurement (PY)			(-113,049)			(-113,049)		U
				517,659			517,659		
32	RQ-4			90,200			90,200		U
	Advance Procurement (CY)								
33	MC 130 In BA 04	A		8,160			8,160		U
34	MQ-9	A		709,547		142,089	851,636		U
Total Other Aircraft				1,868,478		223,250	2,091,728		
Budget Activity 05: Modification of Inservice Aircraft									
-----									
Strategic Aircraft									
35	B-2A	A		(52,067)			(52,067)		U
	Less: Advance Procurement (PY)								U
				52,067			52,067		
36	B-1B	A		164,398		5,591	169,989		U
37	B-52	A		56,753			56,753		U

P-1P: FY 2012 President's Budget (With FY 2011 CR Adjustments), as of January 28, 2011 at 13:49:27

\*\* Adjusts each budget line included in the FY 2011 President's Budget request proportionally to match the Annualized Continuing Resolution funding level for each appropriation. Quantities - TBD

## UNCLASSIFIED

Department of the Air Force  
 FY 2012 President's Budget  
 Exhibit P-1 FY 2012 President's Budget  
 Total Obligational Authority  
 (Dollars in Thousands)

28 Jan 2011

Appropriation: 3010F Aircraft Procurement, Air Force

Line No	Item Nomenclature	Ident Code	FY 2012 Base		FY 2012 OCO		FY 2012 Total		S e c
			Quantity	Cost	Quantity	Cost	Quantity	Cost	
26	RQ-11	A							U
27	STUASLO	A				2,472	2,472		U
Other Aircraft									
28	ITERIM GATEWAY	A							U
29	Target Drones	A		64,268			64,268		U
30	C-37A	A	3	77,842			3	77,842	U
31	RQ-4	A	3	(414,164)			3	(414,164)	U
	Less: Advance Procurement (PY)			(-90,200)				(-90,200)	U
				-----				-----	
				323,964				323,964	
32	RQ-4								
	Advance Procurement (CY)			71,500				71,500	U
33	MC 130 In BA 04	A	1	108,470			1	108,470	U
34	MQ-9	A	48	813,092			48	813,092	U
				-----				-----	
Total Other Aircraft				2,137,251		111,772		2,249,023	
Budget Activity 05: Modification of Inservice Aircraft									
-----									
Strategic Aircraft									
35	B-2A	A		(41,315)				(41,315)	U
	Less: Advance Procurement (PY)								U
				-----				-----	
				41,315				41,315	
36	B-1B	A		198,007				198,007	U
37	B-52	A		93,897				93,897	U

P-1P: FY 2012 President's Budget (With FY 2011 CR Adjustments), as of January 28, 2011 at 13:49:27

## UNCLASSIFIED

Department of the Air Force  
 FY 2012 President's Budget  
 Exhibit P-1 FY 2012 President's Budget  
 Total Obligational Authority  
 (Dollars in Thousands)

28 Jan 2011

Appropriation: 3010F Aircraft Procurement, Air Force

Line No	Item Nomenclature	Ident Code	FY 2010 (Base & OCO)		FY 2011 Base Request with CR Adj*		FY 2011 OCO Request with CR Adj*		FY 2011 Total Request with CR Adj*		S e c
			Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	
Tactical Aircraft											
38	A-10	A		261,709		165,361		16,500		181,861	U
39	F-15	A		152,163		302,235				302,235	U
40	F-16	A		260,669		167,188				167,188	U
41	F-22A	A		176,788		492,199				492,199	U
42	F-35 MODIFICATIONS	A				123,936				123,936	U
Airlift Aircraft											
43	C-5	A		(648,676)		(848,669)		(73,400)		(922,069)	U
	Less: Advance Procurement (PY)			(-49,116)		(-108,300)				(-108,300)	U
				599,560		740,369		73,400		813,769	
44	C-5 Advance Procurement (CY)			107,966		166,900				166,900	U
45	C-5M										U
46	C-5M Advance Procurement (CY)										U
47	C-9C	A		10		10				10	U
48	C-17A	A		321,969		351,614		224,450		576,064	U
49	C-21	A		560		339				339	U
50	C-32A	A		1,739		12,113				12,113	U
51	C-37A	A		435		12,162				12,162	U
52	C-130 AMP	A									U

P-1P: FY 2012 President's Budget (With FY 2011 CR Adjustments), as of January 28, 2011 at 13:49:27

\* Reflects the FY 2011 President's Budget with an undistributed adjustment to match the Annualized Continuing Resolution funding level by appropriation.

## UNCLASSIFIED

Department of the Air Force  
 FY 2012 President's Budget  
 Exhibit P-1 FY 2012 President's Budget  
 Total Obligational Authority  
 (Dollars in Thousands)

28 Jan 2011

Appropriation: 3010F Aircraft Procurement, Air Force

Line No	Item Nomenclature	Ident Code	FY 2011 Annualized CR Base**		FY 2011 Annualized CR OCO**		FY 2011 Annualized CR Total**		S e c
			Quantity	Cost	Quantity	Cost	Quantity	Cost	
Tactical Aircraft									
38	A-10	A		135,864		10,854		146,718	U
39	F-15	A		248,322				248,322	U
40	F-16	A		137,365				137,365	U
41	F-22A	A		404,401				404,401	U
42	F-35 MODIFICATIONS	A		101,828				101,828	U
Airlift Aircraft									
43	C-5	A		(686,831)		(48,284)		(735,115)	U
	Less: Advance Procurement (PY)			(-108,300)				(-108,300)	U
				578,531		48,284		626,815	
44	C-5 Advance Procurement (CY)			166,900				166,900	U
45	C-5M								U
46	C-5M Advance Procurement (CY)								U
47	C-9C	A		8				8	U
48	C-17A	A		288,893		147,648		436,541	U
49	C-21	A		279				279	U
50	C-32A	A		9,952				9,952	U
51	C-37A	A		9,993				9,993	U
52	C-130 AMP	A							U

P-1P: FY 2012 President's Budget (With FY 2011 CR Adjustments), as of January 28, 2011 at 13:49:27

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## UNCLASSIFIED

Department of the Air Force  
 FY 2012 President's Budget  
 Exhibit P-1 FY 2012 President's Budget  
 Total Obligational Authority  
 (Dollars in Thousands)

28 Jan 2011

Appropriation: 3010F Aircraft Procurement, Air Force

Line No	Item Nomenclature	Ident Code	FY 2012 Base		FY 2012 OCO		FY 2012 Total		S e c
			Quantity	Cost	Quantity	Cost	Quantity	Cost	
Tactical Aircraft									
38	A-10	A		153,128			153,128		U
39	F-15	A		222,386			222,386		U
40	F-16	A		73,346			73,346		U
41	F-22A	A		232,032			232,032		U
42	F-35 MODIFICATIONS	A							U
Airlift Aircraft									
43	C-5	A		(178,641)		(59,299)	(237,940)		U
	Less: Advance Procurement (PY)			(-166,900)			(-166,900)		U
				11,741		59,299	71,040		
44	C-5 Advance Procurement (CY)								U
45	C-5M			851,859			851,859		U
46	C-5M Advance Procurement (CY)			112,200			112,200		U
47	C-9C	A		9			9		U
48	C-17A	A		202,179			202,179		U
49	C-21	A		328			328		U
50	C-32A	A		12,157			12,157		U
51	C-37A	A		21,986			21,986		U
52	C-130 AMP	A		235,635			235,635		U

P-1P: FY 2012 President's Budget (With FY 2011 CR Adjustments), as of January 28, 2011 at 13:49:27

## UNCLASSIFIED

Department of the Air Force  
 FY 2012 President's Budget  
 Exhibit P-1 FY 2012 President's Budget  
 Total Obligational Authority  
 (Dollars in Thousands)

28 Jan 2011

Appropriation: 3010F Aircraft Procurement, Air Force

Line No	Item Nomenclature	Ident Code	FY 2010 (Base & OCO)		FY 2011 Base Request with CR Adj*		FY 2011 OCO Request with CR Adj*		FY 2011 Total Request with CR Adj*		S e c
			Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	
Trainer Aircraft											
53	GLIDER MODS	A		119		120				120	U
54	T-6	A		23,582		24,644				24,644	U
55	T-1	A		35		83				83	U
56	T-38	A		60,869		28,288				28,288	U
Other Aircraft											
57	KC-10A (ATCA)	A		9,409		13,777		3,540		17,317	U
58	C-12	A		470		7,645				7,645	U
59	MC-12W	A		176,807		10,826				10,826	U
60	C-20 Mods	A		732		736				736	U
61	VC-25A Mod	A		15,562		13,175				13,175	U
62	C-40	A		261		10,697				10,697	U
63	C-130	A		275,575		257,339		166,720		424,059	U
64	C-130 Intel	A				3,963		10,900		14,863	U
65	C-130J Mods	A		8,501		80,205				80,205	U
66	C-135	A		146,921		44,228				44,228	U
67	Compass Call Mods	A		29,097		176,558		10,000		186,558	U
68	RC-135	A		117,826		105,540				105,540	U
69	E-3	A		78,936		195,163				195,163	U
70	E-4	A		72,830		37,526				37,526	U

P-1P: FY 2012 President's Budget (With FY 2011 CR Adjustments), as of January 28, 2011 at 13:49:27

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## UNCLASSIFIED

Department of the Air Force  
 FY 2012 President's Budget  
 Exhibit P-1 FY 2012 President's Budget  
 Total Obligational Authority  
 (Dollars in Thousands)

28 Jan 2011

Appropriation: 3010F Aircraft Procurement, Air Force

Line No	Item Nomenclature	Ident Code	FY 2011 Annualized CR Base**		FY 2011 Annualized CR OCO**		FY 2011 Annualized CR Total**		S e c
			Quantity	Cost	Quantity	Cost	Quantity	Cost	
Trainer Aircraft									
53	GLIDER MODS	A		99				99	U
54	T-6	A		20,248				20,248	U
55	T-1	A		68				68	U
56	T-38	A		23,242				23,242	U
Other Aircraft									
57	KC-10A (ATCA)	A		11,319		2,329		13,648	U
58	C-12	A		6,281				6,281	U
59	MC-12W	A		8,895				8,895	U
60	C-20 Mods	A		605				605	U
61	VC-25A Mod	A		10,825				10,825	U
62	C-40	A		8,789				8,789	U
63	C-130	A		211,435		109,672		321,107	U
64	C-130 Intel	A		3,256		7,170		10,426	U
65	C-130J Mods	A		65,898				65,898	U
66	C-135	A		36,339				36,339	U
67	Compass Call Mods	A		145,064		6,578		151,642	U
68	RC-135	A		86,714				86,714	U
69	E-3	A		160,350				160,350	U
70	E-4	A		30,832				30,832	U

P-1P: FY 2012 President's Budget (With FY 2011 CR Adjustments), as of January 28, 2011 at 13:49:27

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## UNCLASSIFIED

Department of the Air Force  
 FY 2012 President's Budget  
 Exhibit P-1 FY 2012 President's Budget  
 Total Obligational Authority  
 (Dollars in Thousands)

28 Jan 2011

Appropriation: 3010F Aircraft Procurement, Air Force

Line No	Item Nomenclature	Ident Code	FY 2012 Base		FY 2012 OCO		FY 2012 Total		S e c
			Quantity	Cost	Quantity	Cost	Quantity	Cost	
Trainer Aircraft									
53	GLIDER MODS	A		123				123	U
54	T-6	A		15,086				15,086	U
55	T-1	A		238				238	U
56	T-38	A		31,032				31,032	U
Other Aircraft									
57	KC-10A (ATCA)	A		27,220				27,220	U
58	C-12	A		1,777				1,777	U
59	MC-12W	A		16,767		17,300		34,067	U
60	C-20 Mods	A		241				241	U
61	VC-25A Mod	A		387				387	U
62	C-40	A		206				206	U
63	C-130	A		45,876		164,041		209,917	U
64	C-130 Intel	A		3,593		4,600		8,193	U
65	C-130J Mods	A		38,174		27,983		66,157	U
66	C-135	A		62,210				62,210	U
67	Compass Call Mods	A		256,624		12,000		268,624	U
68	RC-135	A		162,211				162,211	U
69	E-3	A		135,031				135,031	U
70	E-4	A		57,829				57,829	U

P-1P: FY 2012 President's Budget (With FY 2011 CR Adjustments), as of January 28, 2011 at 13:49:27

## UNCLASSIFIED

Department of the Air Force  
 FY 2012 President's Budget  
 Exhibit P-1 FY 2012 President's Budget  
 Total Obligational Authority  
 (Dollars in Thousands)

28 Jan 2011

## Appropriation: 3010F Aircraft Procurement, Air Force

Line No	Item Nomenclature	Ident Code	FY 2010 (Base & OCO)		FY 2011 Base Request with CR Adj*		FY 2011 OCO Request with CR Adj*		FY 2011 Total Request with CR Adj*		S e c
			Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	
71	E-8	A		74,841		188,504				188,504	U
72	H-1	A		18,224		2,457				2,457	U
73	H-60	A		63,920		11,630		81,000		92,630	U
74	RQ-4 Mods	A		134,448		119,415				119,415	U
75	HC/MC-130 Modifications	A		1,958		1,944				1,944	U
76	Other Aircraft	A		124,016		159,423		61,600		221,023	U
77	MQ-1 Mods	A		165,857		208,213				208,213	U
78	MQ-9 Mods	A		76,286		108,922				108,922	U
79	MQ-9 UAS Payloads					115,383		45,000		160,383	U
80	CV-22 Mods	A		24,534		13,964		830		14,794	U
Total Modification of Inservice Aircraft				3,992,367		4,807,329		702,440		5,509,769	
Budget Activity 06: Aircraft Spares and Repair Parts											
-----											
Aircraft Spares + Repair Parts											
81	Initial Spares/Repair Parts	A		435,463		622,020		10,900		632,920	U
Total Aircraft Spares and Repair Parts				435,463		622,020		10,900		632,920	
Budget Activity 07: Aircraft Supt Equipment & Facilities											
-----											
Common Support Equipment											
82	Aircraft Replacement Support Equip	A		96,521		91,701				91,701	U

P-1P: FY 2012 President's Budget (With FY 2011 CR Adjustments), as of January 28, 2011 at 13:49:27

\* Reflects the FY 2011 President's Budget with an undistributed adjustment to match the Annualized Continuing Resolution funding level by appropriation.

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Department of the Air Force  
 FY 2012 President's Budget  
 Exhibit P-1 FY 2012 President's Budget  
 Total Obligational Authority  
 (Dollars in Thousands)

28 Jan 2011

## Appropriation: 3010F Aircraft Procurement, Air Force

Line No	Item Nomenclature	Ident Code	FY 2011 Annualized CR Base**		FY 2011 Annualized CR OCO**		FY 2011 Annualized CR Total**		S e c
			Quantity	Cost	Quantity	Cost	Quantity	Cost	
71	E-8	A		154,879			154,879		U
72	H-1	A		2,019			2,019		U
73	H-60	A		9,555	53,283		62,838		U
74	RQ-4 Mods	A		98,114			98,114		U
75	HC/MC-130 Modifications	A		1,597			1,597		U
76	Other Aircraft	A		130,985	40,522		171,507		U
77	MQ-1 Mods	A		171,072			171,072		U
78	MQ-9 Mods	A		89,493			89,493		U
79	MQ-9 UAS Payloads			94,801	29,602		124,403		U
80	CV-22 Mods	A		11,473	546		12,019		U
Total Modification of Inservice Aircraft				3,949,801	462,079		4,411,880		
Budget Activity 06: Aircraft Spares and Repair Parts									
-----									
Aircraft Spares + Repair Parts									
81	Initial Spares/Repair Parts	A		511,064	7,170		518,234		U
Total Aircraft Spares and Repair Parts				511,064	7,170		518,234		
Budget Activity 07: Aircraft Supt Equipment & Facilities									
-----									
Common Support Equipment									
82	Aircraft Replacement Support Equip	A		75,343			75,343		U

P-1P: FY 2012 President's Budget (With FY 2011 CR Adjustments), as of January 28, 2011 at 13:49:27

\*\* Adjusts each budget line included in the FY 2011 President's Budget request proportionally to match the Annualized Continuing Resolution funding level for each appropriation. Quantities - TBD

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Department of the Air Force  
 FY 2012 President's Budget  
 Exhibit P-1 FY 2012 President's Budget  
 Total Obligational Authority  
 (Dollars in Thousands)

28 Jan 2011

Appropriation: 3010F Aircraft Procurement, Air Force

Line No	Item Nomenclature	Ident Code	FY 2012 Base		FY 2012 OCO		FY 2012 Total		S e c
			Quantity	Cost	Quantity	Cost	Quantity	Cost	
71	E-8	A		29,058			29,058		U
72	H-1	A		5,280			5,280		U
73	H-60	A		34,371			34,371		U
74	RQ-4 Mods	A		89,177			89,177		U
75	HC/MC-130 Modifications	A		431		34,000	34,431		U
76	Other Aircraft	A		115,338		15,000	130,338		U
77	MQ-1 Mods	A		158,446		2,800	161,246		U
78	MQ-9 Mods	A		181,302			181,302		U
79	MQ-9 UAS Payloads			74,866			74,866		U
80	CV-22 Mods	A		14,715			14,715		U
Total Modification of Inservice Aircraft				4,019,814		337,023	4,356,837		
Budget Activity 06: Aircraft Spares and Repair Parts									
-----									
Aircraft Spares + Repair Parts									
81	Initial Spares/Repair Parts	A		1,030,364		2,800	1,033,164		U
Total Aircraft Spares and Repair Parts				1,030,364		2,800	1,033,164		
Budget Activity 07: Aircraft Supt Equipment & Facilities									
-----									
Common Support Equipment									
82	Aircraft Replacement Support Equip	A		92,394			92,394		U

P-1P: FY 2012 President's Budget (With FY 2011 CR Adjustments), as of January 28, 2011 at 13:49:27

## UNCLASSIFIED

Department of the Air Force  
 FY 2012 President's Budget  
 Exhibit P-1 FY 2012 President's Budget  
 Total Obligational Authority  
 (Dollars in Thousands)

28 Jan 2011

Appropriation: 3010F Aircraft Procurement, Air Force

Line No	Item Nomenclature	Ident Code	FY 2010 (Base & OCO)		FY 2011 Base Request with CR Adj*		FY 2011 OCO Request with CR Adj*		FY 2011 Total Request with CR Adj*		S e c
			Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	
Post Production Support											
83	B-1	A		3,917		6,791				6,791	U
84	B-2A	A		19,739							U
85	B-2a	A		24,405		26,217				26,217	U
86	B-52	A				3,443				3,443	U
87	C-5	A		2,252		195				195	U
88	C-5	A		7,763							U
89	KC-10A (ATCA)	A		4,112		5,702				5,702	U
90	C-17A	A		11,000		153,347				153,347	U
91	C-130	A		28,005		28,295				28,295	U
92	EC-130J	A		5,267							U
93	C-135	A									U
94	F-15	A		15,695		21,599				21,599	U
95	F-16	A		12,911		17,838				17,838	U
96	T-6	A				9,450				9,450	U
97	Other Aircraft	A		51,820		53,953				53,953	U
Industrial Preparedness											
98	Industrial Responsiveness	A		24,424		24,619				24,619	U
War Consumables											
99	War Consumables	A		135,607		92,939				92,939	U

P-1P: FY 2012 President's Budget (With FY 2011 CR Adjustments), as of January 28, 2011 at 13:49:27

\* Reflects the FY 2011 President's Budget with an undistributed adjustment to match the Annualized Continuing Resolution funding level by appropriation.

## UNCLASSIFIED

Department of the Air Force  
 FY 2012 President's Budget  
 Exhibit P-1 FY 2012 President's Budget  
 Total Obligational Authority  
 (Dollars in Thousands)

28 Jan 2011

Appropriation: 3010F Aircraft Procurement, Air Force

Line No	Item Nomenclature	Ident Code	FY 2011 Annualized CR Base**		FY 2011 Annualized CR OCO**		FY 2011 Annualized CR Total**		S e c
			Quantity	Cost	Quantity	Cost	Quantity	Cost	
Post Production Support									
83	B-1	A		5,580			5,580		U
84	B-2A	A							U
85	B-2a	A		21,540			21,540		U
86	B-52	A		2,829			2,829		U
87	C-5	A		160			160		U
88	C-5	A							U
89	KC-10A (ATCA)	A		4,685			4,685		U
90	C-17A	A		125,993			125,993		U
91	C-130	A		23,248			23,248		U
92	EC-130J	A							U
93	C-135	A							U
94	F-15	A		17,746			17,746		U
95	F-16	A		14,656			14,656		U
96	T-6	A		7,764			7,764		U
97	Other Aircraft	A		44,329			44,329		U
Industrial Preparedness									
98	Industrial Responsiveness	A		20,227			20,227		U
War Consumables									
99	War Consumables	A		76,361			76,361		U

P-1P: FY 2012 President's Budget (With FY 2011 CR Adjustments), as of January 28, 2011 at 13:49:27

\*\* Adjusts each budget line included in the FY 2011 President's Budget request proportionally to match the Annualized Continuing Resolution funding level for each appropriation. Quantities - TBD

## UNCLASSIFIED

Department of the Air Force  
 FY 2012 President's Budget  
 Exhibit P-1 FY 2012 President's Budget  
 Total Obligational Authority  
 (Dollars in Thousands)

28 Jan 2011

Appropriation: 3010F Aircraft Procurement, Air Force

Line No	Item Nomenclature	Ident Code	FY 2012 Base		FY 2012 OCO		FY 2012 Total		S e c
			Quantity	Cost	Quantity	Cost	Quantity	Cost	
Post Production Support									
83	B-1	A		4,743				4,743	U
84	B-2A	A		101				101	U
85	B-2a	A		49,319				49,319	U
86	B-52	A							U
87	C-5	A		521				521	U
88	C-5	A							U
89	KC-10A (ATCA)	A		5,691				5,691	U
90	C-17A	A		183,696		10,970		194,666	U
91	C-130	A		25,646				25,646	U
92	EC-130J	A							U
93	C-135	A		2,434				2,434	U
94	F-15	A		2,076				2,076	U
95	F-16	A		4,537				4,537	U
96	T-6	A							U
97	Other Aircraft	A		40,025				40,025	U
Industrial Preparedness									
98	Industrial Responsiveness	A		21,050				21,050	U
War Consumables									
99	War Consumables	A		87,220				87,220	U

P-1P: FY 2012 President's Budget (With FY 2011 CR Adjustments), as of January 28, 2011 at 13:49:27

UNCLASSIFIED

Department of the Air Force  
 FY 2012 President's Budget  
 Exhibit P-1 FY 2012 President's Budget  
 Total Obligational Authority  
 (Dollars in Thousands)

28 Jan 2011

Appropriation: 3010F Aircraft Procurement, Air Force

Line No	Item Nomenclature	Ident Code	FY 2010 (Base & OCO)		FY 2011 Base Request with CR Adj*		FY 2011 OCO Request with CR Adj*		FY 2011 Total Request with CR Adj*		S e c
			Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	
Other Production Charges											
100	Other Production Charges	A		576,849		1,079,742		57,500		1,137,242	U
101	OTHER PRODUCTION CHARGES - MQ-1	A				37,500				37,500	U
DARP											
105	U-2	A		15,276		19,117		47,300		66,417	U
999	Classified Programs			9,676		12,981				12,981	U
Total Aircraft Supt Equipment & Facilities				1,045,239		1,685,429		104,800		1,790,229	
Budget Activity 20: Undistributed											
-----											
Undistributed											
106	Adj to Match Continuing Resolution	A				-2,741,069		-466,193		-3,207,262	U
Total Undistributed						-2,741,069		-466,193		-3,207,262	
Total Aircraft Procurement, Air Force				13,909,776		12,625,439		896,227		13,521,666	

P-1P: FY 2012 President's Budget (With FY 2011 CR Adjustments), as of January 28, 2011 at 13:49:27

\* Reflects the FY 2011 President's Budget with an undistributed adjustment to match the Annualized Continuing Resolution funding level by appropriation.

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Department of the Air Force  
 FY 2012 President's Budget  
 Exhibit P-1 FY 2012 President's Budget  
 Total Obligational Authority  
 (Dollars in Thousands)

28 Jan 2011

Appropriation: 3010F Aircraft Procurement, Air Force

Line No	Item Nomenclature	Ident Code	FY 2011 Annualized CR Base**		FY 2011 Annualized CR OCO**		FY 2011 Annualized CR Total**		S e c
			Quantity	Cost	Quantity	Cost	Quantity	Cost	
Other Production Charges									
100	Other Production Charges	A		887,138		37,825		924,963	U
101	OTHER PRODUCTION CHARGES - MQ-1	A		30,811				30,811	U
DARP									
105	U-2	A		15,708		31,116		46,824	U
999	Classified Programs			10,665				10,665	U
Total Aircraft Supt Equipment & Facilities				1,384,783		68,941		1,453,724	
Budget Activity 20: Undistributed									
Undistributed									
106	Adj to Match Continuing Resolution	A							U
Total Undistributed									
Total Aircraft Procurement, Air Force				12,625,439		896,227		13,521,666	

P-1P: FY 2012 President's Budget (With FY 2011 CR Adjustments), as of January 28, 2011 at 13:49:27

\*\* Adjusts each budget line included in the FY 2011 President's Budget request proportionally to match the Annualized Continuing Resolution funding level for each appropriation. Quantities - TBD

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Department of the Air Force  
 FY 2012 President's Budget  
 Exhibit P-1 FY 2012 President's Budget  
 Total Obligational Authority  
 (Dollars in Thousands)

28 Jan 2011

Appropriation: 3010F Aircraft Procurement, Air Force

Line No	Item Nomenclature	Ident Code	FY 2012 Base		FY 2012 OCO		FY 2012 Total		S e c
			Quantity	Cost	Quantity	Cost	Quantity	Cost	
Other Production Charges									
100	Other Production Charges	A		1,072,858		23,000		1,095,858	U
101	OTHER PRODUCTION CHARGES - MQ-1	A							U
DARP									
105	U-2	A		48,875		42,300		91,175	U
999	Classified Programs			16,502				16,502	U
Total Aircraft Supt Equipment & Facilities				1,657,688		76,270		1,733,958	
Budget Activity 20: Undistributed									
-----									
Undistributed									
106	Adj to Match Continuing Resolution	A		-----		-----		-----	U
Total Undistributed				-----		-----		-----	
Total Aircraft Procurement, Air Force				14,082,527		527,865		14,610,392	

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FY 2012 BUDGET ESTIMATES

FEBRUARY 2011

**SECTION 4:**

**P-1 LINE ITEM DETAIL**

**UNCLASSIFIED - 13**

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<b>Exhibit P-40, Budget Item Justification</b>	Date: February 2011
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 01, Combat Aircraft, Item No. 1</b>	P-1 Line Item Nomenclature <b>F-35</b>

Program Element for Code B Items		N/A						Other Related Program Elements				0604800F	
	ID Code	Prior Years	FY 2010	FY 2011	FY 2012	FY 2012 OCO	FY 2012 Total	FY 2013	FY 2014	FY 2015	FY 2016	To Comp	Total
Proc Qty	A	15	10	23	19	0	19	24	40	50	70	1,512	1,763
Cost(\$ M)		3251.174	2080.208	3934.142	3340.615	0.000	3340.615	3301.901	4762.587	5302.013	6965.458	132280.540	165218.638
Advance Proc Cost(\$ M)		505.206	277.741	257.000	323.477	0.000	323.477	462.359	522.435	683.231	738.067	11811.410	15580.926
Weapon System Cost(\$ M)		3756.380	2357.949	4191.142	3664.092	0.000	3664.092	3764.260	5285.022	5985.244	7703.525	144091.950	180799.564
Initial Spares(\$ M)		228.936	129.296	263.573	151.469	0.000	151.469	322.076	340.956	508.599	770.495	11226.349	13941.749
Total Proc Cost(\$ M)		3985.316	2487.245	4454.715	3815.561	0.000	3815.561	4086.336	5625.978	6493.843	8474.020	155318.299	194741.313
Flyaway Unit Cost(\$ M)		144.744	118.995	121.562	151.396	0.000	151.396	131.097	107.283	98.636	89.164	89.319	1052.197
Wpn Sys Unit Cost(\$ M)		250.425	235.795	183.515	192.847	0.000	192.847	156.844	132.126	119.705	110.050	95.236	1476.543

**Description**

Totals include funding for PRCP Program Number (PNO) 198, JSF.

Program funding reflects reductions to overhead (\$231.022M) as well as reports, studies, and boards (\$.394M). These efficiencies total \$231.416M in FY12, and do not impact program content.

The Joint Strike Fighter program will develop and field a family of aircraft that meets the needs of the United States and its international partners. Specifically, the Joint Strike Fighter (JSF) will meet USAF Conventional Take Off and Landing (CTOL) requirements with the F-35A variant, the USMC with the Short Take-Off and Vertical Landing (STOVL) requirements with the F-35B variant, and USN Carrier Variant (CV) requirements with the F-35C variant. Commonality among the three variants is expected to reduce life cycle costs. This is a joint program with no executive service. Service Acquisition Executive (SAE) authority alternates between the Department of the Navy (DoN) and the Department of the Air Force (DAF) and currently resides with the Air Force. The F-35 is the next generation strike fighter which entails increased aero performance, stealth signature and countermeasures. Its advanced avionics, data links and adverse weather precision targeting incorporate the latest technology available. The highly supportable, affordable, state-of-the-art aircraft commands and maintains global air superiority. The production cost and quantities are interdependent due to one manufacturer for the program. USAF regular procurement commenced in FY07 with Long-Lead in FY06; USMC procurement began in FY08 with Long-Lead in FY07; and USN procurement began in FY10 with Long-Lead in FY09.

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

P-1 Shopping List Item No. 1	<b>Budget Item Justification</b> <b>Exhibit P-40, page 1 of 19</b>
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<b>Exhibit P-40, Budget Item Justification</b>	Date: February 2011
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 01, Combat Aircraft, Item No. 1</b>	P-1 Line Item Nomenclature <b>F-35</b>
<p><u>Description Continued</u></p> <p><b>FY 2012 Program Justification</b> USAF procurement in FY 2012 provides funding for 19 aircraft, with associated support and advance procurement for 24 aircraft in FY 2013.</p>	
P-1 Shopping List Item No. 1	<b>Budget Item Justification</b> <b>Exhibit P-40, page 2 of 19</b>

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<b>Exhibit P-5, Weapon System Cost Analysis</b>	Date: February 2011
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 01, Combat Aircraft, Item No. 1</b>	P-1 Line Item Nomenclature <b>F-35</b>

Weapon System Cost Elements	Ident Code	Total Cost in Millions of Dollars											
		Prior Years			FY 2010			FY 2011			FY 2012		
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
Airframe/CFE	A	[15]	[125.918]	[1888.777]	[10]	[87.437]	[874.367]	[23]	1782.430	[1824.971]	[19]	80.895	[1536.997]
CFE Electronics	A	[15]	[45.816]	[687.237]	[10]	[28.803]	[288.032]	[23]	572.780	[599.564]	[19]	25.861	[491.363]
GFE Electronics	A												
Armament	A												
Engines/Eng ACC	A	[15]	[17.812]	[267.186]	[10]	[17.845]	[178.450]	[23]	13.630	[313.499]	[19]	13.785	[261.922]
ECO (Flyaway)	A	[15]	[8.940]	[134.100]	[10]	[2.755]	[27.551]	[23]	2.517	[57.895]	[19]	2.411	[45.806]
Subtotal Recurring Flyaway		[15]		[2977.300]	[10]		[1368.400]	[23]		[2795.929]	[19]		[2336.088]
Non-Recurring Cost	A			[570.508]			[510.295]			[520.303]			[463.984]
Ancillary Equip	B			[85.673]			[40.351]			[88.465]			[76.451]
Subtotal Non-Recurring Flyaway		[0]		[656.181]	[0]		[550.646]	[0]		[608.768]	[0]		[540.435]
Airframe PGSE	B			[67.810]			[45.500]			[67.230]			[33.188]
Engine PGSE	B			[8.242]			[26.088]			[60.930]			[42.527]
Avionics PGSE	B			[14.805]			[65.159]			[78.859]			[129.778]
Peculiar Training Equipment	B			[88.220]			[38.844]			[113.408]			[145.363]
Pubs/Tech Data	B			[33.468]			[20.126]			[1.614]			[0.289]
Other ILS	B			[13.165]			[57.109]			[244.836]			[225.223]
Facilities Management	B			[0.000]			[0.000]			[0.000]			[0.000]
Field Activities	B			[37.997]			[0.000]			[0.000]			[0.000]
Initial Spares	A			[228.936]			[129.296]			[263.573]			[151.469]
Production Eng Support	B			[85.851]			[72.167]			[115.748]			[110.108]
Full Mission Simulators	B			[0.000]			[0.000]	[6]		[124.283]	[4]		[80.000]
Miscellaneous Support	B			[0.000]			[4.143]			[1.138]			[0.000]
Gross P-1 Cost	A			3983.039			2251.645			4212.142			3597.615
Advance Procurement Credit	A			-334.731			-171.437			-278.000			-257.000
Net P-1 Cost	A			[3648.308]			[2076.745]			[3934.142]			[3340.615]
Advance Procurement	A			505.210			277.741			257.000			323.477
<b>TOTAL PROGRAM:</b>				4153.518			2357.949			4191.142			3664.092

**Remarks Continued**

P-1 Shopping List Item No. 1

**Weapon System Cost Analysis  
Exhibit P-5, page 3 of 19**

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<b>Exhibit P-5, Weapon System Cost Analysis</b>	Date: February 2011
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 01, Combat Aircraft, Item No. 1</b>	P-1 Line Item Nomenclature <b>F-35</b>
<b>Remarks</b>	
<p>NOTE:</p> <ol style="list-style-type: none"><li>1) Engine Unit Cost increase in FY10 reflects funding for F-136 Congressional Adds. FY11-16 program does not include funding for F-136 engine.</li><li>2) In FY11 \$29.7M was erroneously requested in the FY11PB for PE 0207142, JSF Mods (BP11). The Air Force has requested a technical adjustment and funding has been shifted to PE 0207142, JSF Squadrons (BP10) via Congressional Marks. Once transferred this money will be part of the Peculiar Training Equipment line.</li><li>3) Total Program does not include funding for Initial Spares or Modifications. Initial Spares funding is included in the Total Procurement Cost on the P-40.</li><li>4) Nonrecurring Cost includes such items as the U.S. Air Force share of Production Non-Recurring Tooling per the Joint Strike Fighter (JSF) Production, Sustainment, and Follow-on Development (PSFD) Memorandum of Understanding (MOU) between the United States and eight partner nations cooperating in the production, sustainment, and follow-on development of the JSF; as well as funding for Diminishing Manufacturing Sources (DMS) parts.</li><li>5) Funding for Radar Cross Section (RCS) verification facility at Hill AFB, UT is contained in Airframe PGSE and Avionics PGSE Cost Elements.</li><li>6) Depot stand-up activation is contained in Airframe PGSE and Avionics PGSE Cost Elements.</li></ol> <p>Totals may not add due to rounding.</p>	
P-1 Shopping List Item No. 1	<b>Weapon System Cost Analysis</b> <b>Exhibit P-5, page 4 of 19</b>

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<b>Exhibit P-5, Weapon System Cost Analysis</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 01, Combat Aircraft, Item No. 1</b>	P-1 Line Item Nomenclature <b>F-35</b>
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Weapon System Cost Elements	Ident Code	Total Cost in Millions of Dollars					
		FY 2012 OCO			Cost to Complete		
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
Airframe/CFE	A				[1513]	51.539	[77978.756]
CFE Electronics	A				[1513]	16.557	[25051.107]
GFE Electronics	A						
Armament	A						
Engines/Eng ACC	A				[1513]	13.749	[20802.346]
ECO (Flyaway)	A				[1513]	1.637	[2476.644]
Subtotal Recurring Flyaway		[0]		[0.000]	[1513]		[126308.853]
Non-Recurring Cost	A						[4273.292]
Ancillary Equip	B						[4558.392]
Subtotal Non-Recurring Flyaway		[0]		[0.000]	[0]		[8831.684]
Airframe PGSE	B						[2058.339]
Engine PGSE	B						[742.431]
Avionics PGSE	B						[869.191]
Peculiar Training Equipment	B						[1113.244]
Pubs/Tech Data	B						[530.271]
Other ILS	B						[2580.413]
Facilities Management	B						
Field Activities	B						
Initial Spares	A						[11226.349]
Production Eng Support	B						[1877.219]
Full Mission Simulators	B						
Miscellaneous Support	B						
Gross P-1 Cost	A						144911.423
Advance Procurement Credit	A						-12630.885
Net P-1 Cost	A						[132280.538]
Advance Procurement	A						11811.411
<b>TOTAL PROGRAM:</b>				0.000			144091.949

P-1 Shopping List Item No. 1

**Weapon System Cost Analysis  
Exhibit P-5, page 5 of 19**

UNCLASSIFIED

<b>Exhibit P-5, Weapon System Cost Analysis</b>	Date: February 2011
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 01, Combat Aircraft, Item No. 1</b>	P-1 Line Item Nomenclature <b>F-35</b>
P-1 Shopping List Item No. 1	<b>Weapon System Cost Analysis Exhibit P-5, page 6 of 19</b>

**UNCLASSIFIED**

Exhibit P-5A, Procurement History and Planning									Date: February 2011		
Appropriation (Treasury) Code/CC/BA/Bs/Item Control Number: <b>Aircraft Procurement, Air Force, Budget Activity 01, Combat Aircraft, Item No. 1</b>									P-1 Line Item Nomenclature: <b>F-35</b>		
<u>Weapon System</u>						Subline Item					
F-35											
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?
Airframe/CFE							/				
(2010)	10	87.437	Arlington, VA	Apr-09	SS	Allot	Lockheed Martin / Fort Worth, TX	Sep-10	Aug-12	Y	
(2011)	23	1782.430	Arlington, VA	May-10	SS	Other	Lockheed Martin / Fort Worth, TX	Sep-11	Apr-13	Y	
(2012)	19	80.895	Arlington, VA	Mar-11	SS	Other	Lockheed Martin / Fort Worth, TX	Apr-12	Mar-14	Y	
(2012 OCO)							/				
(2013)	24	67.893	Arlington, VA	Jan-12	SS	Other	Lockheed Martin / Fort Worth, TX	Apr-13	Feb-15	Y	
(2014)	40	59.724	Arlington, VA	Jan-13	SS	Other	Lockheed Martin / Fort Worth, TX	Apr-14	Feb-16	Y	
(2015)	50	54.634	Arlington, VA	Jan-14	SS	Other	Lockheed Martin / Fort Worth, TX	Apr-15	Feb-17	Y	
(2016)	70	49.077	Arlington, VA	Jan-15	SS	Other	Lockheed Martin / Fort Worth, TX	Apr-16	Feb-18	Y	
Engines/Eng ACC							/				
(2010)	10	17.845	Arlington, VA	Jan-09	SS	Other	Pratt & Whitney / East Hartford, CT	Apr-11	Feb-12	Y	
(2011)	23	13.630	Arlington, VA	Jun-10	SS	Other	Pratt & Whitney / East Hartford, CT	Sep-11	Oct-12	Y	
(2012)	19	13.785	Arlington, VA	Mar-11	SS	Other	Pratt & Whitney / East Hartford, CT	Apr-12	Sep-13	Y	

P-1 Shopping List Item No. 1

**Procurement History and Planning  
Exhibit P-5A, page 7 of 19**

**UNCLASSIFIED**

Exhibit P-5A, Procurement History and Planning									Date: February 2011		
Appropriation (Treasury) Code/CC/BA/Bs/Item Control Number: <b>Aircraft Procurement, Air Force, Budget Activity 01, Combat Aircraft, Item No. 1</b>									P-1 Line Item Nomenclature: <b>F-35</b>		
<u>Weapon System</u>						Subline Item					
F-35											
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?
(2012 OCO)							/				
(2013)	24	13.138	Arlington, VA	Feb-12	SS	Other	Pratt & Whitney / East Hartford, CT	Feb-13	Sep-14	Y	
(2014)	40	12.695	Arlington, VA	Feb-13	SS	Other	Pratt & Whitney / East Hartford, CT	Feb-14	Aug-15	Y	
(2015)	50	12.480	Arlington, VA	Feb-14	SS	Other	Pratt & Whitney / East Hartford, CT	Feb-15	Aug-16	Y	
(2016)	70	12.377	Arlington, VA	Feb-15	SS	Other	Pratt & Whitney / East Hartford, CT	Feb-16	Aug-17	Y	
Advance Procurement											
(2010)			Arlington, VA		SS	Other	Lockheed Martin / Ft Worth, TX	Jun-10		Y	
(2010)	0	0.000	Arlington, VA		SS	Other	Pratt & Whitney / East Hartford	May-10		Y	
(2011)			Arlington, VA		SS	Other	Lockheed Martin / Ft Worth, TX	Feb-11		Y	
(2011)	0	0.000	Arlington, VA		SS	Other	Pratt & Whitney / East Hartford, CT	Mar-11		Y	
(2012)			Arlington, VA		SS	Other	Lockheed Martin / Ft Worth, TX	Feb-12		Y	
(2012)	0	0.000	Arlington, VA		SS	Other	Pratt & Whitney / East Hartford, CT	Feb-12		Y	
(2012 OCO)							/				

<b>Exhibit P-5A, Procurement History and Planning</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/Bs/Item Control Number: <b>Aircraft Procurement, Air Force, Budget Activity 01, Combat Aircraft, Item No. 1</b>	P-1 Line Item Nomenclature: <b>F-35</b>
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<u>Weapon System</u> F-35	Subline Item
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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?
(2013)			Arlington, VA		SS	Other	Lockheed Martin / Ft Worth, TX	Feb-13		Y	
(2013)	0	0.000	Arlington, VA		SS	Other	Pratt & Whitney / East Hartford, CT	Feb-13		Y	
(2014)			Arlington, VA		SS	Other	Lockheed Martin / Ft Worth, TX	Feb-14		Y	
(2014)	0	0.000	Arlington, VA		SS	Other	Pratt & Whitney / East Hartford, CT	Feb-14		Y	
(2015)			Arlington, VA		SS	Other	Lockheed Martin / Ft Worth, TX	Feb-15		Y	
(2015)	0	0.000	Arlington, VA		SS	Other	Pratt & Whitney / East Hartford, CT	Feb-15		Y	
(2016)			Arlington, VA		SS	Other	Lockheed Martin / Ft Worth, TX	Feb-16		Y	
(2016)	0	0.000	Arlington, VA		SS	Other	Pratt & Whitney / East Hartford, CT	Feb-16		Y	

**Remarks**

1. Contract Type "Other" is FPIF/CPIF for FY10 and out.

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

(1) Contract Type "Other" is FPIF/CPIF for FY10 and out.

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<b>Exhibit P-21, Production Schedule</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity - 01, Combat Aircraft, Item No. 1</b>	P-1 Line Item Nomenclature <b>F-35</b>
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PROC. YEAR	SERV.	PROC. QTY.	ACCEP PRIOR TO 1 OCT. 2009	BALAN CE DUE AS OF 1 OCT 2009	FISCAL YEAR 2010												FISCAL YEAR 2011												L A T E R
					2009			CALENDAR YEAR 2010									CALENDAR YEAR 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	
2007	USAF	2	0	2																1	1							0	
2008	USAF	6	0	6																		1	2	3				0	
2008	USMC	6	0	6																				1	2	3	0		
2009	USAF	7	0	7																							7		
2009	USMC	7	0	7																							7		
2010	USAF	10	0	10																							10		
2010	USMC	16	0	16																							16		
2010	USN	4	0	4																							4		
2011	USAF	23	0	23																							23		
2011	USMC	13	0	13																							13		
2011	USN	7	0	7																							7		
2012	USAF	19	0	19																							19		
2012	USMC	6	0	6																							6		
2012	USN	7	0	7																							7		
2013	USAF	24	0	24																							24		
2013	USMC	6	0	6																							6		
2013	USN	12	0	12																							12		
2014	USAF	40	0	40																							40		
2014	USMC	8	0	8																							8		
2014	USN	14	0	14																							14		
2015	USAF	50	0	50																							50		
2015	USMC	12	0	12																							12		
2015	USN	19	0	19																							19		
2016	USAF	70	0	70																							70		
2016	USMC	18	0	18																							18		
2016	USN	20	0	20																							20		
<b>TOTAL</b>		<b>426</b>	<b>0</b>	<b>426</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>412</b>	

	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	
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ITEM/MANUFACTURER'S NAME	LOCATION	PRODUCTION RATES			PROCUREMENT LEAD TIME			
		MSR	ECON	MAX	ADMIN LEAD TIME		MFG. PLT	TOTAL AFTER 1 OCT
Lockheed Martin	Fort Worth, TX	12	24	36	PRIOR 1 OCT	AFTER 1 OCT	24	31
					8	7		
					INITIAL REORDER			

REMARKS

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<b>Exhibit P-21, Production Schedule</b>	Date: February 2011
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity - 01, Combat Aircraft, Item No. 1</b>	P-1 Line Item Nomenclature <b>F-35</b>

Max capacity only applies through FY12. Additional capacity will be added each year to meet production requirements.

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P-1 Shopping List Item No. 1

Production Schedule  
Exhibit P-21, page 11 of 19









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<b>Exhibit P-21, Production Schedule</b>	Date: February 2011
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity - 01, Combat Aircraft, Item No. 1</b>	P-1 Line Item Nomenclature <b>F-35</b>

Max capacity only applies through FY12. Additional capacity will be added each year to meet production requirements.

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P-1 Shopping List Item No. 1

**Production Schedule**  
**Exhibit P-21, page 16 of 19**







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<b>Exhibit P-40, Budget Item Justification</b>	Date: February 2011
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 01, Combat Aircraft, Item No. 2</b>	P-1 Line Item Nomenclature <b>F-35 Advance Procurement</b>

Program Element for Code B Items		Other Related Program Elements						0604800F					
	ID Code	Prior Years	FY 2010	FY 2011	FY 2012	FY 2012 OCO	FY 2012 Total	FY 2013	FY 2014	FY 2015	FY 2016	To Comp	Total
Proc Qty	A		0	0	0		0	0	0	0	0		0
Cost(\$ M)		0.000	0.000	0.000	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.000
Advance Proc Cost(\$ M)		505.206	277.741	257.000	323.477	0.000	323.477	462.359	522.435	683.231	738.067	11811.411	15580.927
Weapon System Cost(\$ M)		505.206	277.741	257.000	323.477	0.000	323.477	462.359	522.435	683.231	738.067	11811.411	15580.927
Initial Spares(\$ M)		0.000					0.000					0.000	0.000
Total Proc Cost(\$ M)		505.206	277.741	257.000	323.477	0.000	323.477	462.359	522.435	683.231	738.067	11811.411	15580.927
Flyaway Unit Cost(\$ M)							0.000						0.000
Wpn Sys Unit Cost(\$ M)							0.000						0.000

**Description**

Totals include funding for PRCP Program Number (PNO) 198, JSF.

The Joint Strike Fighter program will develop and field a family of aircraft that meets the needs of the United States and its international partners. Specifically, the Joint Strike Fighter (JSF) will meet USAF Conventional Take Off and Landing (CTOL) requirements with the F-35A variant, the USMC Short Take-Off and Vertical Landing (STOVL) requirements with the F-35B variant, and USN Carrier Variant (CV) requirements with the F-35C variant. Commonality among the three variants is expected to reduce life cycle costs. This is a joint program with no executive service. Service Acquisition Executive (SAE) authority alternates between the Department of the Navy and the Department of the Air Force and currently resides with the Air Force. The F-35 is the next generation of strike fighter to command and maintain global air superiority. The production cost and quantities are interdependent due to one manufacturer for the program. Advanced procurement funding will support Airframe and Engine Termination Liability, and the long-lead parts and materials necessary to protect the delivery schedule of the FY 2013 aircraft buy. USAF procurement commenced in FY07 with long lead in FY06; USMC procurement began in FY08 with long lead in FY07; USN procurement began in FY10 with long lead in FY09.

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

**FY 2012 Program Justification**

USAF procurement in FY 2012 provides advance procurement funding for 24 aircraft.

**Exhibit P-10 p.1. Advance Procurement Requirements Analysis  
(Page 1 – Funding)**

Date: February 2011

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

**Aircraft Procurement, Air Force, Budget Activity 01, Combat Aircraft, Item No. 2**

P-1 Line Item Nomenclature

**F-35 Advance Procurement**

Weapon System	First System Award Date	First System Completion Date	Interval Between Systems
JSF_AP	Jul-07	Feb-11	

(\$ in Millions)

Description	PLT	When Rqd	Prior Years	FY 2010	FY 2011	FY 2012	FY 2012 OCO	FY 2013	FY 2014	FY 2015	FY 2016	To Comp	Total
End Item Qty			25	22	19	24	0	40	50	70	80	1,433	1,763
CFE			394.061	216.638	200.460	252.302	0.000	360.460	407.499	532.920	575.692		2940.032
Engines			111.145	61.103	56.540	71.175		101.899	114.936	150.311	162.375		829.484
GFE													0.000
EOQ													0.000
Design													0.000
Term Liability													0.000
<b>TOTAL AP</b>			505.206	277.741	257.000	323.477	0.000	462.359	522.435	683.231	738.067	0.000	3769.516

P-1 Shopping List Item No. 2

**Advance Procurement Requirements Analysis  
(Page 1 - Funding)**

**Exhibit P-10, p. 1, page 2 of 4**

**Exhibit P-10 p.2. Advance Procurement Requirements Analysis  
(Page 2 – Budget Justification)**

Date: February 2011

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

**Aircraft Procurement, Air Force, Budget Activity 01, Combat Aircraft, Item No. 2**

P-1 Line Item Nomenclature

**F-35 Advance Procurement**

Weapon System

JSF\_AP

(TOA, \$ in Millions)

Description	PLT	QPA	Unit Cost	2010 QTY	2010 Contract Forecast Date	2010 Total Cost Request	2011 QTY	2011 Contract Forecast Date	2011 Total Cost Request	2012 QTY	2012 Contract Forecast Date	2012 Total Cost Request	2012 OCO Contract Forecast Date	2012 OCO Total Cost Request
End Item				22			19			24				
CFE	36.000				Jul-10	216.638		Mar-11	200.460		Feb-12	252.302		
GFE	27.000				May-10	61.103		Mar-11	56.540		Feb-12	71.175		
EOQ														
Design														
Term Liability														
TOTAL AP						277.741			257.000			323.477		0.000

**Description**

Note: CFE represents required funding for Contractor Furnished Equipment (CFE) for the Air Vehicle. GFE represents required funding for Government Furnished Equipment (GFE) for the Engine.

Advance procurement funding in FY 2012 will support Airframe and Engine Termination Liability, long-lead parts, and materials necessary to protect the delivery schedule of the FY 2013 aircraft buy.

P-1 Shopping List Item No. 2

**Advance Procurement Requirements Analysis  
(Page 2 - Budget Justification)  
Exhibit P-10, p. 2, page 3 of 4**

**Exhibit P-10 p.2. Advance Procurement Requirements Analysis  
(Page 2 – Budget Justification)**

Date: February 2011

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

**Aircraft Procurement, Air Force, Budget Activity 01, Combat Aircraft, Item No. 2**

P-1 Line Item Nomenclature

**F-35 Advance Procurement**

PLT reflects the total lead time necessary to support FY 2013 production.

P-1 Shopping List Item No. 2

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

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<b>Exhibit P-40, Budget Item Justification</b>	Date: February 2011
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 01, Combat Aircraft, Item No. 3</b>	P-1 Line Item Nomenclature <b>F-22</b>

Program Element for Code B Items			0207219F					Other Related Program Elements				PE 0207138F, 0604239F	
	ID Code	Prior Years	FY 2010	FY 2011	FY 2012	FY 2012 OCO	FY 2012 Total	FY 2013	FY 2014	FY 2015	FY 2016	To Comp	Total
Proc Qty	A	179	0	0	0	0	0	0	0	0		0	179
Cost(\$ M)		28615.703	94.869	158.039	104.118		104.118	0.000	0.000	0.000		0.000	28972.729
Interim Ctr Support(\$ M)		0.000	0.000	0.000	0.000		0.000						0.000
Advance Proc Cost(\$ M)		5018.269	0.000	0.000	0.000		0.000	0.000	0.000	0.000		0.000	5018.269
Weapon System Cost(\$ M)		33633.972	94.869	158.039	104.118	0.000	104.118	0.000	0.000	0.000	0.000	0.000	33990.998
Initial Spares(\$ M)		22.884					0.000						22.884
Total Proc Cost(\$ M)		33656.856	94.869	158.039	104.118	0.000	104.118	0.000	0.000	0.000	0.000	0.000	34013.882
Flyaway Unit Cost(\$ M)		152.564					0.000						152.564
Wpn Sys Unit Cost(\$ M)		188.027					0.000						188.027

**Description**

Totals include funding for PRCP Program Number (PNO) 265, F-22.

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

Consistent with 10 U.S.C. 2306b and the DOD Financial Management Regulation, the Air Force was granted OSD(C) approval to structure the multiyear procurement (MYP) for Lots 7-9 with an unfunded cancellation ceiling. The cancellation ceiling amounts are \$431M for Lot 8 (FY08) and \$398M for Lot 9 (FY09). In the event the multiyear contract is cancelled, Air Staff will submit the required reprogramming actions for Congressional approval to ensure the actual cancellation cost is fully funded.

The F-22 program is a 187 aircraft procurement profile. (Note: 187 total includes 6 Production Representative Test Vehicle (PRTV) II aircraft, 179 production aircraft, and 2 previously procured EMD aircraft funded in RDT&E).

Funding is budgeted in FY10 to FY12 to complete the procurement of equipment associated with standing up operational locations (i.e. equipment, support, etc.) and other necessary expenses to deliver the Lot 7-9 MYP and Lot 10 aircraft. FY10-FY12 includes funding for Production Shutdown activities to preserve necessary assets for long-term fleet sustainment.

The flyaway/weapon system costs listed above include costs from both aircraft procurement appropriation and in-line modernization funding. They do not include costs associated with Other Useful Loads or Munitions.

<b>Exhibit P-40, Budget Item Justification</b>	Date: February 2011
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 01, Combat Aircraft, Item No. 3</b>	P-1 Line Item Nomenclature <b>F-22</b>
<p><b><u>Description Continued</u></b></p> <p>Initial spares are included in the weapon system cost line (except FY99). Prior to FY08, the F-22 program budgeted and contracted for initial spares as a part of overall initial support material capability within the air vehicle and engine production contracts. The program continued to procure material capability via the Follow-On Agile Sustainment to the Raptor (FASTeR) and Sustainment Program for the Raptor Engine (SPaRE) contracts beginning in FY08. The contracts are awarded on a calendar year basis. The program also procured specific initial spares, to include engine spares, in FY08 and FY09 and additional initial 'insurance' spares in FY11-FY12 as a result of production shutdown. The program also plans to procure Life-of-Type buys due to production line shutdown.</p> <p><b>FY 2012 Program Justification</b></p> <p>The FY12 budget supports procurement of equipment associated with standing up operational locations (i.e. equipment, support, etc.) and other necessary expenses to deliver Lots 7-9 MYP and Lot 10 aircraft. Included in the FY12 budget is F-22 production line shutdown activities, which includes the cost to preserve all necessary assets for long-term F-22 fleet sustainment. Also, FY12 funding will be used to procure War Reserve Material (WRM).</p>	
P-1 Shopping List Item No. 3	<b>Budget Item Justification Exhibit P-40, page 2 of 7</b>

**UNCLASSIFIED**

<b>Exhibit P-5, Weapon System Cost Analysis</b>	Date: February 2011
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 01, Combat Aircraft, Item No. 3</b>	P-1 Line Item Nomenclature <b>F-22</b>

Weapon System Cost Elements	Ident Code	Total Cost in Millions of Dollars											
		Prior Years			FY 2010			FY 2011			FY 2012		
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
Airframes/CFE	A	24	84.092	2018.208			0.000						
Engine Accessories (shipset)	A	24	22.579	541.896			0.000						
Avionics	A	24	27.542	661.008			0.000						
Nonrecurring Costs	A	0		81.726									
<b>FLYAWAY COST SUBTOTAL</b>		[24]		[3302.838]	[0]		[0.000]	[0]		[0.000]	[0]		[0.000]
Less: Prior Year Adv Procurement	A			-560.000									
Plus: Current Year Adv Procurement	A			138.579									
Other	A			61.108			63.586			138.852			94.994
Production Support - Other (PSO)	A			166.200			23.353			16.187			9.124
FASTeR / PALS (ICS)	A			266.924			6.408			3.000			
<b>SUBTOTAL Air Vehicle Support</b>		[0]		[72.811]	[0]		[93.347]	[0]		[158.039]	[0]		[104.118]
Engine Support (SPaRE)	A			260.700			1.522						
<b>SUPPORT COST SUBTOTAL</b>		[0]		[260.700]	[0]		[1.522]	[0]		[0.000]	[0]		[0.000]
<b>TOTAL PROGRAM:</b>				3636.349			94.869			158.039			104.118

**Remarks**

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

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

Costs included for FASTeR and SPaRE are associated with engineering assistance to production in support of sustainment activities.

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

**UNCLASSIFIED**

<b>Exhibit P-5, Weapon System Cost Analysis</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 01, Combat Aircraft, Item No. 3</b>	P-1 Line Item Nomenclature <b>F-22</b>
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Weapon System Cost Elements	Ident Code	Total Cost in Millions of Dollars					
		FY 2012 OCO			Cost to Complete		
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
Airframes/CFE	A						
Engine Accessories (shipset)	A						
Avionics	A						
Nonrecurring Costs	A						
<b>FLYAWAY COST SUBTOTAL</b>		[0]		[0.000]	[0]		[0.000]
Less: Prior Year Adv Procurement	A						
Plus: Current Year Adv Procurement	A						
Other	A						
Production Support - Other (PSO)	A						
FASTeR / PALS (ICS)	A						
<b>SUBTOTAL Air Vehicle Support</b>		[0]		[0.000]	[0]		[0.000]
Engine Support (SPaRE)	A						
<b>SUPPORT COST SUBTOTAL</b>		[0]		[0.000]	[0]		[0.000]
<b>TOTAL PROGRAM:</b>				0.000			0.000

<b>Exhibit P-5A, Procurement History and Planning</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/Bs/Item Control Number: <b>Aircraft Procurement, Air Force, Budget Activity 01, Combat Aircraft, Item No. 3</b>	P-1 Line Item Nomenclature: <b>F-22</b>
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<b>Weapon System</b> F-22	Subline Item
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WBS Cost Elements	Qty.	Unit Cost	Location of PCO	RFP Issue Date	Contract Method	Contract Type	Contractor and Location	Award Date	Date of First Delivery.	Specs Available Now?	Date Revision Available?
Lockheed Martin Corp							/				
(2008)	20	111.916	478 AESW	May-06	SS	FFP	Lockheed Martin / GA	Jul-07	Dec-09	Y	
(2009)	20	123.904	478 AESW	May-06	SS	FFP	Lockheed Martin / GA	Jul-07	Jan-11	Y	
(2009 OCO)	4	123.904	478 AESW	Nov-08	SS	FFP	Lockheed Martin / GA	Feb-11	Dec-11	Y	
Pratt & Whitney											
(2008)	40	10.227	478 AESW	Oct-06	SS	FFP	Pratt & Whitney / CT	Jul-07	Feb-09	Y	
(2009)	40	11.541	478 AESW	Oct-06	SS	FFP	Pratt & Whitney / CT	Jul-07	Feb-10	Y	
(2009)	8	11.541	478 AESW	Nov-08	SS	FFP	Pratt & Whitney / CT	Feb-11	Dec-11	Y	

**Remarks**

The P-5 and P-5A engine costs differ due to the aircraft 'shipset' quantities used: 2 engines on the P-5 and 1 engine on the P-5A. Unit cost is for airframe and avionics costs, but does not include non-recurring cost. Specs are available, however, the technical data package is a 'deferred delivery' option and is currently maintained by the contractor.

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<b>Exhibit P-21, Production Schedule</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity - 01, Combat Aircraft, Item No. 3</b>	P-1 Line Item Nomenclature <b>F-22</b>
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PROC. YEAR	SERV.	PROC. QTY.	ACCEP PRIOR TO 1 OCT. 2008	BALAN CE DUE AS OF 1 OCT 2008	FISCAL YEAR 2009												FISCAL YEAR 2010												L A T E R
					2008			CALENDAR YEAR 2009									CALENDAR YEAR 2010												
					O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	
2006	USAF	23	20	3	2	1																						0	
2007	USAF	20	0	20		2	1	1	1	3	1	2	2	2	1	1	1	2										0	
2008	USAF	20	0	20														2	1	2	2	2	0	2	2	1	2	4	
2009	USAF	20	0	20																							20		
2009 OCO	USAF	4	0	4																							4		
<b>TOTAL</b>		<b>87</b>	<b>20</b>	<b>67</b>	<b>2</b>	<b>3</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>3</b>	<b>1</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>2</b>	<b>1</b>	<b>2</b>	<b>2</b>	<b>0</b>	<b>2</b>	<b>2</b>	<b>1</b>	<b>2</b>	<b>28</b>	

	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
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ITEM/MANUFACTURER'S NAME	LOCATION	PRODUCTION RATES			PROCUREMENT LEAD TIME			
		MSR	ECON	MAX	ADMIN LEAD TIME		MFG. PLT	TOTAL AFTER 1 OCT
		PRIOR 1 OCT	AFTER 1 OCT					
Lockheed Martin	GA			36				
					INITIAL			
					REORDER			

REMARKS



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<b>Exhibit P-40, Budget Item Justification</b>	Date: February 2011
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 02, Airlift Aircraft, Item No. 4</b>	P-1 Line Item Nomenclature <b>C-17A (MYP)</b>

Program Element for Code B Items		Other Related Program Elements											
N/A		N/A											
	ID Code	Prior Years	FY 2010	FY 2011	FY 2012	FY 2012 OCO	FY 2012 Total	FY 2013	FY 2014	FY 2015	FY 2016	To Comp	Total
Proc Qty	A	213	10	0	0		0	0	0	0		0	223
Cost(\$ M)		47064.670	2598.525	14.283	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	49677.478
Interim Ctr Support(\$ M)		3963.336	0.000	0.000			0.000					0.000	3963.336
Advance Proc Cost(\$ M)		5369.712	0.000	0.000	0.000		0.000	0.000	0.000	0.000		0.000	5369.712
Weapon System Cost(\$ M)		56397.718	2598.525	14.283	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	59010.526
Initial Spares(\$ M)		807.018					0.000					0.000	807.018
Total Proc Cost(\$ M)		57204.736	2598.525	14.283	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	59817.544
Flyaway Unit Cost(\$ M)		197.231					0.000						197.231
Wpn Sys Unit Cost(\$ M)		268.567					0.000						268.567

**Description**

Totals include funding for Program Resources Collection Process (PRCP) Program Number 200, C-17A.

The C-17 can perform the entire spectrum of airlift missions and is specifically designed to operate effectively and efficiently in both strategic and theater environments. Airlift provides essential flexibility when responding to contingencies on short notice anywhere in the world. It is a major element of America's National Military Strategy and constitutes the most responsive means of meeting U.S. mobility requirements. Specific tasks associated with the airlift mission include deployment, employment (airland and airdrop), sustaining support, retrograde, and combat redeployment. Not only can the C-17 deliver outsize cargo to austere tactical environments, but it also reduces ground time during airland operations. The C-17 will perform the airlift mission well into this century.

FY2010 & FY2011 budgets fund the acquisition of C-17 airframe, engines, engine spares and associated support equipment for lifetime buy, support equipment, spares, data, material improvement projects, training equipment, parts obsolescence, and mission support. FY2012 and beyond funding for these activities are reflected in APAF Aircraft Support Equipment and Facilities and Post Production Support.

This program has associated RDT&E funding in PE 0401130F.

**FY 2012 Program Justification**

No budget year FY12 funding requested

**UNCLASSIFIED**

<b>Exhibit P-5, Weapon System Cost Analysis</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 02, Airlift Aircraft, Item No. 4</b>	P-1 Line Item Nomenclature <b>C-17A (MYP)</b>
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Weapon System Cost Elements	Ident Code	Total Cost in Millions of Dollars											
		Prior Years			FY 2010			FY 2011			FY 2012		
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
1.0 Airframe	A	213	157.925	33638.117	10	185.398	1853.978						
2.0 Engine (4) (Model F-117-PW-100)	A	892		5207.206	0								
3.0 Avionics	A			2173.988			77.249						
4.0 Engineering Change Orders (ECO)	A												
5.0 Producibility Enhancement	A												
6.0 Nonrecurring Flyaway	A			709.339									
7.0 Settlement	A			281.654									
7.1 Prior Year Adv Procurement (unit cost non add)													
8.0 Flyaway Cost Subtotal (1 thru 7)		[213]	197.231	[42010.304]	[10]	193.123	[1931.227]	[0]		[0.000]	[0]		[0.000]
9.0 Peculiar Support Equipment	A			789.898			75.669			31.405			
10.0 Common Support Equipment	A			84.112			1.317			1.000			
11.0 Training	A			1114.427			92.080			49.350			
12.0 Performance Enhancement/Product Improvement	A			586.209			19.838			8.662			
13.0 Data	A			222.622			2.937			2.323			
14.0 Field Support	A			325.217			0.000			0.000			
15.0 Site Activation/Spares (XX10)	A			625.409			189.521			26.767			
16.0 Whole Engine Spares	A	145		773.501	15		275.406			0.000			
17.0 Mission Support	A			225.962			10.530			9.176			
18.0 Flex Sustainment/Interim Supply Support	A			307.009									
19.0 Support Cost Subtotal (9 thru 18)		[145]		[5054.366]	[15]		[667.298]	[0]		[128.683]	[0]		[0.000]
20.0 Gross P-1 Cost (8+19)	A			[47064.670]			[2595.926]			[128.683]			
21.1 LESS: Prior Year Adv Procurement	A			0.000			0.000						
21.2 LESS: EOQ Payback	A			0.000			0.000						
21.3 Prior Year Adv Procurement (unit cost non add)	A			5369.712									
22.0 Net P-1 Cost (20 + 21)	A			[52434.382]									
23.1 Advance Procurement, Current Year	A			0.000			0.000						

P-1 Shopping List Item No. 4

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

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<b>Exhibit P-5, Weapon System Cost Analysis</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 02, Airlift Aircraft, Item No. 4</b>	P-1 Line Item Nomenclature <b>C-17A (MYP)</b>
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Weapon System Cost Elements	Ident Code	Total Cost in Millions of Dollars											
		Prior Years			FY 2010			FY 2011			FY 2012		
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
23.2 EOQ, Current Year	A			0.000			0.000						
Other P-1 Weapon System Costs	A												
24.1 ICS (BP10 1050; FY00 thru to Complete)	A			3963.336									
<b>TOTAL PROGRAM:</b>				56397.718			2598.525			128.683			0.000

**Remarks**

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<b>Exhibit P-5, Weapon System Cost Analysis</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 02, Airlift Aircraft, Item No. 4</b>	P-1 Line Item Nomenclature <b>C-17A (MYP)</b>
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Weapon System Cost Elements	Ident Code	Total Cost in Millions of Dollars					
		FY 2012 OCO			Cost to Complete		
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
1.0 Airframe	A						
2.0 Engine (4) (Model F-117-PW-100)	A						
3.0 Avionics	A						
4.0 Engineering Change Orders (ECO)	A						
5.0 Producibility Enhancement	A						
6.0 Nonrecurring Flyaway	A						
7.0 Settlement	A						
7.1 Prior Year Adv Procurement (unit cost non add)							
8.0 Flyaway Cost Subtotal (1 thru 7)		[0]		[0.000]	[0]		[0.000]
9.0 Peculiar Support Equipment	A						
10.0 Common Support Equipment	A						
11.0 Training	A						
12.0 Performance Enhancement/Product Improvement	A						
13.0 Data	A						
14.0 Field Support	A						
15.0 Site Activation/Spares (XX10)	A						
16.0 Whole Engine Spares	A						
17.0 Mission Support	A						
18.0 Flex Sustainment/Interim Supply Support	A						
19.0 Support Cost Subtotal (9 thru 18)		[0]		[0.000]	[0]		[0.000]
20.0 Gross P-1 Cost (8+19)	A						
21.1 LESS: Prior Year Adv Procurement	A						
21.2 LESS: EOQ Payback	A						
21.3 Prior Year Adv Procurement (unit cost non add)	A						
22.0 Net P-1 Cost (20 + 21)	A						
23.1 Advance Procurement, Current Year	A						
23.2 EOQ, Current Year	A						
Other P-1 Weapon System Costs	A						

P-1 Shopping List Item No. 4

**Weapon System Cost Analysis  
Exhibit P-5, page 4 of 9**

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<b>Exhibit P-5, Weapon System Cost Analysis</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 02, Airlift Aircraft, Item No. 4</b>	P-1 Line Item Nomenclature <b>C-17A (MYP)</b>
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Weapon System Cost Elements	Ident Code	Total Cost in Millions of Dollars					
		FY 2012 OCO			Cost to Complete		
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
24.1 ICS (BP10 1050; FY00 thru to Complete)	A						
<b>TOTAL PROGRAM:</b>				0.000			0.000

**UNCLASSIFIED**

Exhibit P-5A, Procurement History and Planning									Date: February 2011		
Appropriation (Treasury) Code/CC/BA/Bs/Item Control Number: <b>Aircraft Procurement, Air Force, Budget Activity 02, Airlift Aircraft, Item No. 4</b>									P-1 Line Item Nomenclature: <b>C-17A (MYP)</b>		
<u>Weapon System</u> C-17A						Subline Item					
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							/				
(2008)	15	187.121	AFMC/ASC		SS	FFP	Boeing - Airlift and Tankers. Long Beach / CA	Feb-09	Nov-09	Y	
Propulsion							/				
(2008)	60	8.580	AFMC/ASC		SS	FP	Pratt & Whitney / East Hartford, CT	Dec-08	May-09		
Air Vehicle							/				
(2009)	8	214.908	AFMC/ASC		SS	FFP	Boeing - Airlift and Tankers. Long Beach / CA	Jul-10	Dec-10	Y	
Propulsion							/				
(2009)	32	9.281	AFMC/ASC		SS	FP	Pratt & Whitney / East Hartford, CT	Feb-10	Jun-10		
Air Vehicle							/				
(2010)	10	185.398	AFMC/ASC		SS	FFP	Boeing - Airlift and Tankers. Long Beach / CA	Apr-11	Oct-11	Y	
Propulsion							/				
(2010)	40	9.784	AFMC/ASC		SS	FP	Pratt & Whitney / East Hartford, CT	Sep-10	Jan-11	Y	
Propulsion							/				

P-1 Shopping List Item No. 4

**Procurement History and Planning  
Exhibit P-5A, page 6 of 9**

<b>Exhibit P-5A, Procurement History and Planning</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/Bs/Item Control Number: <b>Aircraft Procurement, Air Force, Budget Activity 02, Airlift Aircraft, Item No. 4</b>	P-1 Line Item Nomenclature: <b>C-17A (MYP)</b>
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<u>Weapon System</u> C-17A	Subline Item
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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?
(2011)	45	9.585	AFMC/ASC		SS	FP	Pratt & Whitney / East Hartford, CT	Aug-11	Feb-12	Y	

**Remarks**  
-- Air Vehicle Unit Cost is total of Airframe and Avionics unit costs which includes both Contractor and Government Furnished Equipment.

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<b>Exhibit P-21, Production Schedule</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity - 02, Airlift Aircraft, Item No. 4</b>	P-1 Line Item Nomenclature <b>C-17A (MYP)</b>
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PROC. YEAR	SERV.	PROC. QTY.	ACCEP. PRIOR TO 1 OCT. 2009	BALANCE DUE AS OF 1 OCT. 2009	FISCAL YEAR 2010												FISCAL YEAR 2011												L A T E R
					2009			CALENDAR YEAR 2010									CALENDAR YEAR 2011												
					OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
2008 GWOT	USAF	15	0	15		1	1	2	1	1	1	2	1		1	1	2	1								0			
2009 OCO	USAF	8	0	8															1	1		2	1	1		1	0		
2010	USAF	10	0	10																						10			
2010	OTH	19	12	7															1					2		1	1	2	
2010	FMS	6	6	0																						0			
<b>TOTAL</b>		<b>58</b>	<b>18</b>	<b>40</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>2</b>	<b>1</b>	<b>3</b>	<b>0</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>12</b>
					OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
ITEM/MANUFACTURER'S NAME					LOCATION		PRODUCTION RATES			PROCUREMENT LEAD TIME																			
							MSR	ECON	MAX	ADMIN LEAD TIME				MFG. PLT	TOTAL AFTER 1 OCT														
Boeing - Airlift and Tankers. Long Beach					CA		12	13	15	PRIOR 1 OCT		AFTER 1 OCT																	
										INITIAL		7		7	14														
										REORDER																			

**REMARKS**  
 FY2008 reflects 15 aircraft deliveries.  
 FY2009 reflects 8 aircraft deliveries.  
 FY2010 reflects 10 aircraft deliveries.  
 FY2010 OTH reflects all current DCS aircraft, 19 total (7 UK, 4 CAN, QATAR 2, UAE 6).  
 FY2010 FMS reflects all current FMS aircraft, 6 total (4 AUS, 2 SAC/NATO).  
 The USAF delivery schedule has been adjusted to account for foreign military and direct commercial sales (FMS and DCS).

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<b>Exhibit P-21, Production Schedule</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity - 02, Airlift Aircraft, Item No. 4</b>	P-1 Line Item Nomenclature <b>C-17A (MYP)</b>
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PROC. YEAR	SERV.	PROC. QTY.	ACCEP. PRIOR TO 1 OCT. 2011	BALANCE DUE AS OF 1 OCT. 2011	FISCAL YEAR 2012												FISCAL YEAR 2013												L A T E R
					2011			CALENDAR YEAR 2012									CALENDAR YEAR 2013												
					OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
2010	USAF	10	0	10	1	1		1	1	1	1				1	1	1	1										0	
2010	OTH	19	17	2								1	1															0	
<b>TOTAL</b>		<b>29</b>	<b>17</b>	<b>12</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>0</b>										
					OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
ITEM/MANUFACTURER'S NAME					LOCATION		PRODUCTION RATES					PROCUREMENT LEAD TIME																	
							MSR	ECON	MAX	ADMIN LEAD TIME		MFG. PLT	TOTAL AFTER 1 OCT																
Boeing - Airlift and Tankers. Long Beach					CA		12	13	15	PRIOR 1 OCT	AFTER 1 OCT																		
										INITIAL	7	7	14																
										REORDER																			

REMARKS

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<b>Exhibit P-40, Budget Item Justification</b>	Date: February 2011
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 02, Airlift Aircraft, Item No. 5</b>	P-1 Line Item Nomenclature <b>C-130J</b>

Program Element for Code B Items	N/A	Other Related Program Elements						N/A					
	ID Code	Prior Years	FY 2010	FY 2011	FY 2012	FY 2012 OCO	FY 2012 Total	FY 2013	FY 2014	FY 2015	FY 2016	To Comp	Total
Proc Qty	A	75	4	8	1	0	1	1	3	4	12	30	138
Cost(\$ M)		5293.028	356.751	463.267	72.879	0.000	72.879	113.566	250.971	339.694	890.355	2884.747	10665.258
Advance Proc Cost(\$ M)		571.980	107.667	48.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	727.647
Weapon System Cost(\$ M)		5865.008	464.418	511.267	72.879	0.000	72.879	113.566	250.971	339.694	890.355	2884.747	11392.905
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)		5935.177	464.418	511.267	72.879	0.000	72.879	113.566	250.971	339.694	890.355	2884.747	11463.074
Flyaway Unit Cost(\$ M)		61.171	60.925	64.275	66.200		66.200	69.289	71.836	74.309	74.426	84.013	626.444
Wpn Sys Unit Cost(\$ M)		78.200	116.105	63.908	72.879		72.879	113.566	83.657	84.924	74.426	96.158	783.823

**Description**

FY10 funding totals include \$72M for 1 C-130J appropriated for Overseas Contingency Operations.

Totals include funding for PRCP Program Number 220, C-130J.

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

Other variants of the USAF C-130J fleet are all short-bodied aircraft and include the EC-130J (airborne psychological operations), WC-130J (weather reconnaissance), HC-130J (combat search and rescue), MC-130J (special operations), and the AC-130J (close air support and armed reconnaissance).

17 C-130Js have been procured with National Guard, Reserve Equipment Account (NGREA) funds and are not included in the "Prior Years" section of this document.

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

Advance procurement funding ended in FY11.

The program funding includes reductions for Overhead Reduction efficiencies that are not intended to impact program content. The efficiencies reductions total \$2.66M in FY12. The program has been funded to latest cost estimate, less efficiencies. Acquisition affordability efficiencies in the amounts of \$7.553M/FY15 and \$110.37M/FY16 have also been applied to this program.

P-1 Shopping List Item No. 5	<b>Budget Item Justification</b> <b>Exhibit P-40, page 1 of 14</b>
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<b>Exhibit P-40, Budget Item Justification</b>	Date: February 2011
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 02, Airlift Aircraft, Item No. 5</b>	P-1 Line Item Nomenclature <b>C-130J</b>
<p><b>FY 2012 Program Justification</b> The FY 2012 budget procures 1 C-130J aircraft. In addition, the budget provides for logistics support for the USAF C-130J fleet, logistics support for aircrew and maintenance training devices, and program management support.</p>	
P-1 Shopping List Item No. 5	<b>Budget Item Justification</b> <b>Exhibit P-40, page 2 of 14</b>

**UNCLASSIFIED**

<b>Exhibit P-5, Weapon System Cost Analysis</b>	Date: February 2011
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 02, Airlift Aircraft, Item No. 5</b>	P-1 Line Item Nomenclature <b>C-130J</b>

Weapon System Cost Elements	Ident Code	Total Cost in Millions of Dollars											
		Prior Years			FY 2010			FY 2011			FY 2012		
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
Airframe	A	75	59.476	4460.700	3	58.900	176.700	8	62.500	500.000	1	64.400	64.400
Airframe (FY10 OCO)	A				1		61.600						
Other Government Furnished Equipment (GFE)	A			127.158			5.400			14.200			1.800
<b>FLYAWAY COST SUBTOTAL</b>		[75]	61.171	[4587.858]	[4]	60.925	[243.700]	[8]	64.275	[514.200]	[1]	66.200	[66.200]
Airframe Peculiar Ground Support Equipment (PGSE)	A			8.336			1.000			2.000			0.000
Peculiar Training Equipment	A			158.282			59.900			0.500			0.800
Publications/Technical Data	A			45.656			3.100			3.100			2.000
Diminishing Manufacturing Sources (DMS)	A			90.558			6.000			12.000			1.500
Interim Contractor Support (ICS)	A			50.648			4.100			0.900			1.200
Interim Supply Support (ISS)	A			728.500			43.090			15.867			4.400
Data	A			44.928			3.600			3.800			1.000
Post Delivery Support	A			20.535			1.900			1.400			1.700
Organic Depot Support	A			23.710			15.000			6.000			0.000
A&AS	A						2.800			2.900			3.000
Other	A			72.854			8.300			3.500			3.079
<b>SUPPORT COST SUBTOTAL</b>		[75]	16.552	[1244.007]	[4]	37.114	[148.790]	[8]	6.496	[51.967]	[1]	54.679	[18.679]
EOQ	A			130.000									
Advance Procurement	A			441.980			107.667			12.000			
Excess Advance Procurement	A									36.000			
Less prorated EOQ (FY03-05)	A			-130.000									
Less previous year advance procurement	A			-408.837			-35.739			-102.900			-12.000
<b>TOTAL PROGRAM:</b>				5865.008			464.418			511.267			72.879

**Remarks**

**UNCLASSIFIED**

<b>Exhibit P-5, Weapon System Cost Analysis</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 02, Airlift Aircraft, Item No. 5</b>	P-1 Line Item Nomenclature <b>C-130J</b>
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Weapon System Cost Elements	Ident Code	Total Cost in Millions of Dollars					
		FY 2012 OCO			Cost to Complete		
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
Airframe	A				30	82.130	2463.897
Airframe (FY10 OCO)	A						
Other Government Furnished Equipment (GFE)	A						56.500
<b>FLYAWAY COST SUBTOTAL</b>		[0]		[0.000]	[30]	82.130	[2520.397]
Airframe Peculiar Ground Support Equipment (PGSE)	A						12.000
Peculiar Training Equipment	A						16.000
Publications/Technical Data	A						17.300
Diminishing Manufacturing Sources (DMS)	A						45.000
Interim Contractor Support (ICS)	A						12.300
Interim Supply Support (ISS)	A						152.550
Data	A						17.000
Post Delivery Support	A						10.200
Organic Depot Support	A						35.000
A&AS	A						15.000
Other	A						32.000
<b>SUPPORT COST SUBTOTAL</b>		[0]		[0.000]	[0]		[364.350]
EOQ	A						
Advance Procurement	A						
Excess Advance Procurement	A						
Less prorated EOQ (FY03-05)	A						
Less previous year advance procurement	A						
<b>TOTAL PROGRAM:</b>				0.000			2884.747

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Exhibit P-5A, Procurement History and Planning									Date: February 2011		
Appropriation (Treasury) Code/CC/BA/Bs/Item Control Number: <b>Aircraft Procurement, Air Force, Budget Activity 02, Airlift Aircraft, Item No. 5</b>									P-1 Line Item Nomenclature: <b>C-130J</b>		
<u>Weapon System</u>						Subline Item					
C-130J											
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?
Airframe							/				
(2008 GWOT)	20	57.197	WPAFB	Jul-08	SS	FFP	Lockheed Martin - Aero / Marietta, GA 30063-0290	Oct-08	Aug-11	Y	
(2010)	3	58.900	WPAFB	May-09	SS	FFP	Lockheed Martin - Aero / Marietta, GA 30063-0290	Oct-09	Jun-12	Y	
(2011)	8	62.500	WPAFB	Dec-09	SS	FFP	Lockheed Martin - Aero / Marietta, GA 30063-0290	Nov-10	Apr-14	Y	
(2012)	1	64.400	WPAFB	Jan-11	SS	FFP	Lockheed Martin - Aero / Marietta, GA 30063-0290	Apr-11	Sep-14	Y	
(2012 OCO)							/				
(2013)	1	67.389	WPAFB	Mar-12	SS	FFP	Lockheed Martin-Aero / Marietta, GA 30063-0290	Dec-12	Jan-16	Y	
(2014)	3	69.869	WPAFB	Mar-13	SS	FFP	Lockheed Martin-Aero / Marietta, GA 30063-0290	Dec-13	Sep-16	Y	
(2015)	4	72.259	WPAFB	Mar-14	SS	FFP	Lockheed Martin-Aero / Marietta, GA 30063-0290	Dec-14	Oct-17	Y	
(2016)	12	74.196	WPAFB	Mar-15	SS	FFP	Lockheed Martin-Aero / Marietta, GA 30063-0290	Dec-15	Aug-18	Y	
Airframe (FY10 OCO)							/				
(2010)	1	61.600					/				
(2010 OCO)	1	61.600	WPAFB	Dec-09	SS	FFP	Lockheed Martin-Aero / Mareitta, GA 30063-	Apr-11	Oct-13	Y	
<u>Remarks</u>											
P-1 Shopping List Item No. 5									Procurement History and Planning		
									Exhibit P-5A, page 5 of 14		





UNCLASSIFIED

<b>Exhibit P-21, Production Schedule</b>	Date: February 2011
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity - 02, Airlift Aircraft, Item No. 5</b>	P-1 Line Item Nomenclature <b>C-130J</b>
<p>(3) DCS - Canada, Oman, Qatar, UAE, Tunisia, ROK, (4) USAF HC/MC/AC-130Js FY08-16 (5) FMS - Norway, India, Iraq, Kuwait, Israel, Australia</p>	
P-1 Shopping List Item No. 5	Production Schedule Exhibit P-21, page 8 of 14

**UNCLASSIFIED**

<b>Exhibit P-21, Production Schedule</b>	Date: February 2011
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity - 02, Airlift Aircraft, Item No. 5</b>	P-1 Line Item Nomenclature <b>C-130J</b>

PROC. YEAR	SERV.	PROC. QTY.	ACCEP. PRIOR TO 1 OCT. 2011	BALANCE DUE AS OF 1 OCT. 2011	FISCAL YEAR 2012												FISCAL YEAR 2013												L A T E R
					2011			CALENDAR YEAR 2012									CALENDAR YEAR 2013												
					OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
2008 GWOT	USAF	20	5	15	1	2	1	3		2	1				1											1	1	0	
2010	USAF	3	0	3										3														0	
2010 OCO	USAF	1	0	1																								1	
2011	USAF	8	0	8																								8	
2012	USAF	1	0	1																								1	
2018 <sup>2</sup>	USMC	14	2	12	2																							10	
2018 <sup>3</sup>	OTH	46	12	34				3	1		1					1	1		1	1	1	2	2				1	19	
2018 <sup>4</sup>	USAF	79	4	75		1	2				2	2		2	3	3	2	1		1	1			1	2	2	2	50	
2018 <sup>5</sup>	FMS	19	3	16									3						3	1								9	
<b>TOTAL</b>		<b>191</b>	<b>26</b>	<b>165</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>2</b>	<b>2</b>	<b>3</b>	<b>2</b>	<b>3</b>	<b>2</b>	<b>3</b>	<b>2</b>	<b>98</b>	

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ITEM/MANUFACTURER'S NAME	LOCATION	PRODUCTION RATES			PROCUREMENT LEAD TIME				
		MSR	ECON	MAX	ADMIN LEAD TIME		MFG. PLT	TOTAL AFTER 1 OCT	
					PRIOR 1 OCT	AFTER 1 OCT			
Lockheed Martin - Aero	Marietta, GA 30063-0290	12	36	36					
					INITIAL	6	3	42	45
					REORDER				

**REMARKS**

In order to show the complete C-130J production picture other C-130J variants are included on this overall P-21 Production schedule.

2018 USAF includes HC/MC/AC-130Js from 2008-2016. These aircraft all have their own set of Budget Documents.

2018 USMC includes KC-130Js from 2008-2016. These aircraft have their own set of Budget Documents.

2018 USN includes KC-130Js from 2015-2016. These aircraft have their own set of Budget Documents.

2018 FMS includes aircraft from Norway, India, Iraq, Kuwait, Israel and Australia

2018 OTH includes direct commercial C-130Js sales to Canada, Oman, Qatar, United Arab Emirates, Tunisia, and the Republic of Korea.

27 aircraft were delivered in CY10. The production rate goes to 36 in CY11 and will remain there for two years.

(1 ) USAF Delivery delayed to accomodate accelerated deliveries to Norway and Canada  
 (2 ) USMC - FY08-16

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<b>Exhibit P-21, Production Schedule</b>	Date: February 2011
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity - 02, Airlift Aircraft, Item No. 5</b>	P-1 Line Item Nomenclature <b>C-130J</b>
<p>(3) DCS - Canada, Oman, Qatar, UAE, Tunisia, ROK (4) USAF HC/MC/AC-130Js FY08-16 (5) FMS - Norway, India, Iraq, Kuwait, Israel, Australia</p>	
P-1 Shopping List Item No. 5	Production Schedule Exhibit P-21, page 10 of 14



UNCLASSIFIED

<b>Exhibit P-21, Production Schedule</b>	Date: February 2011
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity - 02, Airlift Aircraft, Item No. 5</b>	P-1 Line Item Nomenclature <b>C-130J</b>
(6) USCG FY10 Supplemental	
P-1 Shopping List Item No. 5	Production Schedule Exhibit P-21, page 12 of 14

**UNCLASSIFIED**

<b>Exhibit P-21, Production Schedule</b>	Date: February 2011
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity - 02, Airlift Aircraft, Item No. 5</b>	P-1 Line Item Nomenclature <b>C-130J</b>

PROC. YEAR	SERV.	PROC. QTY.	ACCEP. PRIOR TO 1 OCT. 2015	BALANCE DUE AS OF 1 OCT. 2015	FISCAL YEAR 2016												FISCAL YEAR 2017												L A T E R
					2015						CALENDAR YEAR 2016						CALENDAR YEAR 2017												
					OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
2013	USAF	1	0	1				1																		0			
2014	USAF	3	0	3										1	2											0			
2018 <sup>1</sup>	USMC	14	6	8										2	1								2	1		2			
2018 <sup>2</sup>	USN	3	0	3								1													2				
2018 <sup>3</sup>	USAF	79	45	34	2	2	1				1	2					1	2	2	1	2			2	2	14			
2018 <sup>4</sup>	FMS	19	17	2																					2				
2018 <sup>5</sup>	OTH	46	36	10			1	1	1	2	1	1								1	2				0				
<b>TOTAL</b>		<b>165</b>	<b>104</b>	<b>61</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>1</b>	<b>2</b>	<b>1</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>1</b>	<b>2</b>	<b>2</b>	<b>1</b>	<b>2</b>	<b>1</b>	<b>2</b>	<b>2</b>	<b>1</b>	<b>2</b>	<b>2</b>	<b>20</b>			

ITEM/MANUFACTURER'S NAME	LOCATION	PRODUCTION RATES			PROCUREMENT LEAD TIME			
		MSR	ECON	MAX	ADMIN LEAD TIME		MFG. PLT	TOTAL AFTER 1 OCT
		PRIOR 1 OCT	AFTER 1 OCT					
Lockheed Martin - Aero	Marietta, GA 30063-0290	12	36	36	6	3	42	45
		INITIAL						
		REORDER						

**REMARKS**

In order to show the complete C-130J production picture other C-130J variants are included on this overall P-21 Production schedule.

2018 USAF includes HC/MC/AC-130Js from 2008-2016. These aircraft all have their own set of Budget Documents.

2018 USMC includes KC-130Js from 2008-2016. These aircraft have their own set of Budget Documents.

2018 USN includes KC-130Js from 2015-2016. These aircraft have their own set of Budget Documents.

2018 FMS includes aircraft from Norway, India, Iraq, Kuwait, Israel and Australia

2018 OTH includes direct commercial C-130Js sales to Canada, Oman, Qatar, United Arab Emirates, Tunisia, and the Republic of Korea.

27 aircraft were delivered in CY10. The production rate goes to 36 in CY11 and will remain there for two years.

- (1) USMC - FY08-16
- (2) USN - FY15-16
- (3) USAF HC/MC/AC-130Js FY08-16
- (4) FMS - Norway, India, Iraq, Israel, Australia
- (5) DCS - Canada, Oman, Qatar, UAE, Tunisia, ROK

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<b>Exhibit P-21, Production Schedule</b>	Date: February 2011
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity - 02, Airlift Aircraft, Item No. 5</b>	P-1 Line Item Nomenclature <b>C-130J</b>

PROC. YEAR	SERV.	PROC. QTY.	ACCEP. PRIOR TO 1 OCT. 2017	BALANCE DUE AS OF 1 OCT. 2017	FISCAL YEAR 2018												FISCAL YEAR 2019												L A T E R		
					2017			CALENDAR YEAR 2018									CALENDAR YEAR 2019														
					OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP			
2015	USAF	4	0	4	1	1			1	1																0					
2016	USAF	12	0	12										1	1	2								2	1	2	2	1			0
2018 <sup>4</sup>	USAF	79	65	14		1	2	1				2	2					1	2	2	1								0		
2018 <sup>2</sup>	USMC	14	12	2										1	1														0		
2018 <sup>1</sup>	USN	3	1	2										1	1														0		
2018 <sup>3</sup>	OTH	46	46	0																									0		
2018 <sup>5</sup>	FMS	19	17	2																									0		
<b>TOTAL</b>		<b>177</b>	<b>141</b>	<b>36</b>	<b>1</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>1</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>1</b>	<b>2</b>	<b>1</b>	<b>2</b>	<b>2</b>	<b>1</b>	<b>2</b>	<b>1</b>	<b>2</b>	<b>2</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>			
					OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP			
ITEM/MANUFACTURER'S NAME					LOCATION		PRODUCTION RATES						PROCUREMENT LEAD TIME																		
							MSR	ECON	MAX	ADMIN LEAD TIME				MFG. PLT	TOTAL AFTER 1 OCT																
Lockheed Martin - Aero					Marietta, GA 30063-0290		12	36	36	PRIOR 1 OCT	AFTER 1 OCT																				
										INITIAL	6	3	42	45																	
										REORDER																					

**REMARKS**

In order to show the complete C-130J production picture other C-130J variants are included on this overall P-21 Production schedule.

2018 USAF includes HC/MC/AC-130Js from 2008-2016. These aircraft all have their own set of Budget Documents.

2018 USMC includes KC-130Js from 2008-2016. These aircraft have their own set of Budget Documents.

2018 USN includes KC-130Js from 2015-2016. These aircraft have their own set of Budget Documents.

2018 FMS includes aircraft from Norway, India, Iraq, Kuwait, Israel and Australia

2018 OTH includes direct commercial C-130Js sales to Canada, Oman, Qatar, United Arab Emirates, Tunisia, and the Republic of Korea.

27 aircraft were delivered in CY10. The production rate goes to 36 in CY11 and will remain there for two years.

- (1) USN FY15-16
- (2) USMC-FY08-16
- (3) DCS - Canada, Oman, Qatar, UAE, Tunisia, ROK
- (4) USAF HC/MC/AC-130Js FY08-16
- (5) FMS - Norway, India, Iraq, Kuwait, Israel, Australia

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<b>Exhibit P-40, Budget Item Justification</b>	Date: February 2011
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 02, Airlift Aircraft, Item No. 6</b>	P-1 Line Item Nomenclature <b>C-130J Advance Procurement</b>

Program Element for Code B Items	41132F	Other Related Program Elements						N/A					
	ID Code	Prior Years	FY 2010	FY 2011	FY 2012	FY 2012 OCO	FY 2012 Total	FY 2013	FY 2014	FY 2015	FY 2016	To Comp	Total
Proc Qty	A	44					0					TBD	TBD
Cost(\$ M)			0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000
Advance Proc Cost(\$ M)		571.980	107.667	48.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	TBD	TBD
Weapon System Cost(\$ M)		571.980	107.667	48.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	TBD	TBD
Initial Spares(\$ M)							0.000						0.000
Total Proc Cost(\$ M)		571.980	107.667	48.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	TBD	TBD
Flyaway Unit Cost(\$ M)							0.000						0.000
Wpn Sys Unit Cost(\$ M)							0.000						0.000

**Description**

Totals include funding for PRCP Program Number 220, C-130J.

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

**FY 2012 Program Justification**

Advance procurement funding ended in FY11.

**Exhibit P-10 p.1. Advance Procurement Requirements Analysis  
(Page 1 – Funding)**

Date: February 2011

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

**Aircraft Procurement, Air Force, Budget Activity 02, Airlift Aircraft, Item No. 6**

P-1 Line Item Nomenclature

**C-130J Advance Procurement**

Weapon System	First System Award Date	First System Completion Date	Interval Between Systems
C130JA	Mar-03	May-05	

(\$ in Millions)

Description	PLT	When Rqd	Prior Years	FY 2010	FY 2011	FY 2012	FY 2012 OCO	FY 2013	FY 2014	FY 2015	FY 2016	To Comp	Total
End Item Qty				3	8	1							12
CFE			438.839	80.000	10.000								528.839
Engines													0.000
GFE			3.141	12.900	2.000								18.041
EOQ			130.000										130.000
Design													0.000
Term Liability													0.000
Excess				10.000	36.000								46.000
<b>TOTAL AP</b>			<b>571.980</b>	<b>102.900</b>	<b>48.000</b>	<b>0.000</b>	<b>722.880</b>						

P-1 Shopping List Item No. 6

**Advance Procurement Requirements Analysis  
(Page 1 - Funding)**

**Exhibit P-10, p. 1, page 2 of 3**

**Exhibit P-10 p.2. Advance Procurement Requirements Analysis  
(Page 2 – Budget Justification)**

Date: February 2011

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

**Aircraft Procurement, Air Force, Budget Activity 02, Airlift Aircraft, Item No. 6**

P-1 Line Item Nomenclature

**C-130J Advance Procurement**

Weapon System

C130JA

(TOA, \$ in Millions)

Description	PLT	QPA	Unit Cost	2010 QTY	2010 Contract Forecast Date	2010 Total Cost Request	2011 QTY	2011 Contract Forecast Date	2011 Total Cost Request	2012 QTY	2012 Contract Forecast Date	2012 Total Cost Request	2012 OCO Contract Forecast Date	2012 OCO Total Cost Request
End Item				3	Nov-10		8	Apr-11		1	Dec-11			
CFE					Nov-10	80.000		Apr-11	10.000					
GFE					Jun-10	12.900		Apr-11	2.000					
EOQ														
TOTAL AP						92.900			12.000			0.000		0.000

**Description**

P-1 Shopping List Item No. 6

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

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<b>Exhibit P-40, Budget Item Justification</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 02, Airlift Aircraft, Item No. 7</b>	P-1 Line Item Nomenclature <b>HC-130 Recap</b>
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Program Element for Code B Items	N/A	Other Related Program Elements	HC/MC-130 Recap RDT&E, PE 0605278F; PE 0207230F MC-130 Recap; PE 0207237F AC-130 Recap
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	ID Code	Prior Years	FY 2010	FY 2011	FY 2012	FY 2012 OCO	FY 2012 Total	FY 2013	FY 2014	FY 2015	FY 2016	To Comp	Total
Proc Qty	A	7	0	4	3	0	3	3	1	4	2	13	37
Cost(\$ M)		N/A	0.000	349.300	332.899	0.000	332.899	339.014	102.988	441.234	242.692	1680.214	N/A
Advance Proc Cost(\$ M)			0.000	10.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		10.000
Weapon System Cost(\$ M)		N/A	0.000	359.300	332.899	0.000	332.899	339.014	102.988	441.234	242.692	1680.214	N/A
Initial Spares(\$ M)							0.000						0.000
Total Proc Cost(\$ M)		N/A	0.000	359.300	332.899	0.000	332.899	339.014	102.988	441.234	242.692	1680.214	N/A
Flyaway Unit Cost(\$ M)				73.772	78.407		78.407	81.466	83.098	84.843	88.625		490.211
Wpn Sys Unit Cost(\$ M)				89.825	110.966		110.966	113.005	102.988	110.309	121.346		648.439

**Description**

Totals include funding for PRCP Program Number 257, HC/MC-130 Recap.

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

Beginning with the FY11 President's Budget, the HC-130 Recap and MC-130 Recap programs are being reported separately. FY08-10 HC-130 Recap program details are reported as part of the HC/MC Recap program. The 7 aircraft in the "Prior Years" column are 6 FY09 and 1 FY10 aircraft.

The program funding includes reductions for Overhead Reduction efficiencies that are not intended to impact program content. The efficiencies reductions total \$1.782M in FY12.

Advance procurement funding ended in FY11.

**FY 2012 Program Justification**

The FY 2012 budget supports continued HC-130J aircraft production, logistics support, and the procurement of aircrew and maintenance training devices.

P-1 Shopping List Item No. 7	<b>Budget Item Justification</b> <b>Exhibit P-40, page 1 of 9</b>
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<b>Exhibit P-5, Weapon System Cost Analysis</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 02, Airlift Aircraft, Item No. 7</b>	P-1 Line Item Nomenclature <b>HC-130 Recap</b>
---	---

Weapon System Cost Elements	Ident Code	Total Cost in Millions of Dollars					
		FY 2012 OCO			Cost to Complete		
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
Airframe/Engines/Accessories	A				13	88.300	1147.900
Government Furnished Equipment (GFE)	A						97.500
<b>FLYAWAY COST SUBTOTAL</b>		[0]		[0.000]	[13]		[1245.400]
Airframe Peculiar Ground Support Equipment (PGSE)	A						8.064
Peculiar Training Equipment	A						42.000
Publications/Technical Data	A						17.500
Diminishing Manufacturing Sources (DMS)	A						45.500
Interim Contractor Support (ICS)	A						11.600
Interim Supply Support (ISS)	A						170.550
Data	A						0.000
Post Delivery Support	A						18.000
Organic Depot Support	A						60.000
A&AS	A						10.342
Other Government Cost	A						51.258
<b>SUPPORT COST SUBTOTAL</b>		[0]		[0.000]	[0]		[434.814]
Advance Procurement (Credit)	A						0.000
Advance Procurement	A						
<b>TOTAL PROGRAM:</b>				0.000			1680.214

<b>Exhibit P-5A, Procurement History and Planning</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/Bs/Item Control Number: <b>Aircraft Procurement, Air Force, Budget Activity 02, Airlift Aircraft, Item No. 7</b>	P-1 Line Item Nomenclature: <b>HC-130 Recap</b>
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<u>Weapon System</u> HC-130 Recap	Subline Item
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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?
Airframe/Engines/Accessories											
(2010)											
(2011)	4	68.446	WPAFB	Jun-09	SS	FFP	Lockheed Martin Aero / Marietta GA	Nov-10	Nov-12	Y	
(2012)	3	73.049	WPAFB	Jan-11	SS	FFP	Lockheed Martin Aero / Marietta GA	Apr-11	Oct-14	Y	
(2012 OCO)							/				
(2013)	3	76.075	WPAFB	Mar-12	SS	FFP	Lockheed Martin Aero / Marietta GA	Dec-12	Jun-15	Y	
(2014)	1	77.672	WPAFB	Mar-13	SS	FFP	Lockheed Martin Aero / Marietta GA	Dec-13	May-16	Y	
(2015)	4	79.303	WPAFB	Mar-14	SS	FFP	Lockheed Martin Aero / Marietta GA	Dec-14	Aug-17	Y	
(2016)	2	81.969	WPAFB	Mar-15	SS	FFP	Lockheed Martin Aero / Marietta GA	Dec-15	Nov-18	Y	

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

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<b>Exhibit P-21, Production Schedule</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity - 02, Airlift Aircraft, Item No. 7</b>	P-1 Line Item Nomenclature <b>HC-130 Recap</b>
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PROC. YEAR	SERV.	PROC. QTY.	ACCEP PRIOR TO 1 OCT. 2009	BALAN CE DUE AS OF 1 OCT 2009	FISCAL YEAR 2010												FISCAL YEAR 2011												L A T E R	
					2009			CALENDAR YEAR 2010									CALENDAR YEAR 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		
2011	USAF	4		4																										4
2012	USAF	3	0	3																										3
<b>TOTAL</b>		<b>7</b>	<b>0</b>	<b>7</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>7</b>	

ITEM/MANUFACTURER'S NAME	LOCATION	PRODUCTION RATES			PROCUREMENT LEAD TIME																								
		MSR	ECON	MAX	ADMIN LEAD TIME		MFG. PLT	TOTAL AFTER 1 OCT																					
					PRIOR 1 OCT	AFTER 1 OCT																							
Lockheed Martin Aero	Marietta GA	12	36	36																									
					INITIAL	6	3	23	26																				
					REORDER	6																							

**REMARKS**  
 What appear to be gaps in production are filled by other USG C-130Js as well as foreign military sales and direct commercial sales aircraft.  
 See the C-130J P-21 for complete C-130J production plan.

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<b>Exhibit P-40, Budget Item Justification</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 02, Airlift Aircraft, Item No. 8</b>	P-1 Line Item Nomenclature <b>HC-130 Recap AP</b>
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Program Element for Code B Items	N/A	Other Related Program Elements	HC/MC-130 Recap RDT&E, PE 0605278F; PE 0207230F MC-130 Recap; PE 0207237F AC-130 Recap
----------------------------------	-----	--------------------------------	--

	ID Code	Prior Years	FY 2010	FY 2011	FY 2012	FY 2012 OCO	FY 2012 Total	FY 2013	FY 2014	FY 2015	FY 2016	To Comp	Total
Proc Qty	A						0						0
Cost(\$ M)			0.000	0.000	0.000		0.000	0.000	0.000	0.000			0.000
Advance Proc Cost(\$ M)			0.000	10.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		10.000
Weapon System Cost(\$ M)		0.000	0.000	10.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	10.000
Initial Spares(\$ M)							0.000						0.000
Total Proc Cost(\$ M)		0.000	0.000	10.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	10.000
Flyaway Unit Cost(\$ M)							0.000						0.000
Wpn Sys Unit Cost(\$ M)							0.000						0.000

**Description**

Totals include funding for PRCP Program Number 257, HC/MC-130 Recap.

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

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

**FY 2012 Program Justification**

Advance procurement funding ended in FY11.

P-1 Shopping List Item No. 8	<b>Budget Item Justification Exhibit P-40, page 1 of 4</b>
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**Exhibit P-10 p.1. Advance Procurement Requirements Analysis  
(Page 1 – Funding)**

Date: February 2011

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

**Aircraft Procurement, Air Force, Budget Activity 02, Airlift Aircraft, Item No. 8**

P-1 Line Item Nomenclature

**HC-130 Recap AP**

Weapon System	First System Award Date	First System Completion Date	Interval Between Systems
HC-130 Recap AP	Jun-08	Sep-10	Varies

(\$ in Millions)

Description	PLT	When Rqd	Prior Years	FY 2010	FY 2011	FY 2012	FY 2012 OCO	FY 2013	FY 2014	FY 2015	FY 2016	To Comp	Total
End Item Qty			7	4	1	1							13
CFE					10.000								10.000
Engines													0.000
GFE													0.000
EOQ													0.000
Design													0.000
Term Liability													0.000
<b>TOTAL AP</b>			0.000	0.000	10.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	10.000

P-1 Shopping List Item No. 8

**Advance Procurement Requirements Analysis  
(Page 1 - Funding)**

**Exhibit P-10, p. 1, page 2 of 4**

**Exhibit P-10 p.2. Advance Procurement Requirements Analysis  
(Page 2 – Budget Justification)**

Date: February 2011

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

**Aircraft Procurement, Air Force, Budget Activity 02, Airlift Aircraft, Item No. 8**

P-1 Line Item Nomenclature

**HC-130 Recap AP**

Weapon System

HC-130 Recap AP

(TOA, \$ in Millions)

Description	PLT	QPA	Unit Cost	2010 QTY	2010 Contract Forecast Date	2010 Total Cost Request	2011 QTY	2011 Contract Forecast Date	2011 Total Cost Request	2012 QTY	2012 Contract Forecast Date	2012 Total Cost Request	2012 OCO Contract Forecast Date	2012 OCO Total Cost Request
End Item				1	Nov-10		4	Apr-11		3	Dec-11			
CFE			10.000	4	Nov-10		1	Apr-11	10.000					
GFE														
EOQ														
Design														
Term Liability														
TOTAL AP						0.000			10.000			0.000		0.000

**Description**

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

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

Two fully-funded (No FY11 AP) FY12 aircraft are included in the FY12 PB.

P-1 Shopping List Item No. 8

**Advance Procurement Requirements Analysis  
(Page 2 - Budget Justification)  
Exhibit P-10, p. 2, page 3 of 4**

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

**Aircraft Procurement, Air Force, Budget Activity 02, Airlift Aircraft, Item No. 8**

P-1 Line Item Nomenclature

**HC-130 Recap AP**

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<b>Exhibit P-40, Budget Item Justification</b>	Date: February 2011
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 02, Airlift Aircraft, Item No. 9</b>	P-1 Line Item Nomenclature <b>MC-130 Recap</b>

Program Element for Code B Items	N/A	Other Related Program Elements	PE 0207224F HC-130 Recap; PE 0207237F AC-130 Recap
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	ID Code	Prior Years	FY 2010	FY 2011	FY 2012	FY 2012 OCO	FY 2012 Total	FY 2013	FY 2014	FY 2015	FY 2016	To Comp	Total
Proc Qty	A	15	0	5	6	0	6	6	5	0	4	28	69
Cost(\$ M)		0.000	0.000	467.465	582.466	0.000	582.466	622.298	478.903	2.760	503.679	3137.200	5794.771
Advance Proc Cost(\$ M)		0.000	0.000	60.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	60.000
Weapon System Cost(\$ M)		0.000	0.000	527.465	582.466	0.000	582.466	622.298	478.903	2.760	503.679	3137.200	5854.771
Initial Spares(\$ M)							0.000						0.000
Total Proc Cost(\$ M)		0.000	0.000	527.465	582.466	0.000	582.466	622.298	478.903	2.760	503.679	3137.200	5854.771
Flyaway Unit Cost(\$ M)				73.771	78.407		78.407	81.466	83.098	N/A	88.625	95.800	N/A
Wpn Sys Unit Cost(\$ M)				105.493	97.078		97.078	103.716	95.781	N/A	125.920	112.043	N/A

**Description**

Totals include funding for PRCP Program Number 257, HC/MC-130 Recap.

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

Beginning with the FY11 President's Budget, the HC-130 Recap and MC-130 Recap programs are being reported separately for improved visibility. Prior year MC-130 Recap program details are reported as part of the HC/MC Recap program. The HC/MC Recap procured 7 MC-130Js in FY09 (includes 3 X 09 OCO) and 1 aircraft in FY10. 7 MC-130Js were procured under the C-130J program in FY08 GWOT as there was not an HC/MC Recap budget line at the time.

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

The program funding includes reductions for Overhead Reduction efficiencies that are not intended to impact program content. The efficiencies reductions total \$8.251M in FY12.

Advance procurement funding ended in FY11.

**FY 2012 Program Justification**

The FY 2012 budget supports continued MC-130J aircraft production, logistics support, and the procurement of aircrew and maintenance training devices.



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<b>Exhibit P-5, Weapon System Cost Analysis</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 02, Airlift Aircraft, Item No. 9</b>	P-1 Line Item Nomenclature <b>MC-130 Recap</b>
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Weapon System Cost Elements	Ident Code	Total Cost in Millions of Dollars					
		FY 2012 OCO			Cost to Complete		
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
Airframe/Engines/Accessories	A				28	88.300	2472.400
Government Furnished Equipment (GFE)	A						210.000
<b>FLYAWAY COST SUBTOTAL</b>		[0]		[0.000]	[28]		[2682.400]
Airframe Peculiar Ground Support Equipment (PGSE)	A						
Peculiar Training Equipment	A						
Publications/Technical Data	A						10.000
Diminshing Manufacturing Sources	A						98.000
Interim Contractor Support (ICS)	A						30.000
Interim Supply Support (ISS)	A						206.800
Data	A						10.000
Post Delivery Support	A						10.000
Organic Depot Support	A						20.000
A&AS	A						14.478
Other Government Costs	A						55.522
<b>SUPPORT COST SUBTOTAL</b>		[0]		[0.000]	[0]		[454.800]
Advance Procurement (Credit)	A						
Advance Procurement	A						
<b>TOTAL PROGRAM:</b>				0.000			3137.200

<b>Exhibit P-5A, Procurement History and Planning</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/Bs/Item Control Number: <b>Aircraft Procurement, Air Force, Budget Activity 02, Airlift Aircraft, Item No. 9</b>	P-1 Line Item Nomenclature: <b>MC-130 Recap</b>
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<u>Weapon System</u>	Subline Item
MC-130 Recap	

WBS Cost Elements	Qty.	Unit Cost	Location of PCO	RFP Issue Date	Contract Method	Contract Type	Contractor and Location	Award Date	Date of First Delivery.	Specs Available Now?	Date Revision Available?
Airframe/Engines/Accessories							/				
(2010)							/				
(2011)	5	68.446	WPAFB		SS	FFP	Lockheed Martin Aero / Marietta GA	Oct-10	Jun-13	Y	
(2012)	6	73.049	WPAFB		SS	FFP	Lockheed Martin Aero / Marietta GA	Apr-11	Nov-14	Y	
(2012 OCO)							/				
(2013)	6	76.075	WPAFB		SS	FFP	Lockheed Martin Aero / Marietta GA	Dec-12	Sep-15	Y	
(2014)	5	77.672	WPAFB		SS	FFP	Lockheed Martin Aero / Marietta GA	Dec-13	Nov-16	Y	
(2015)							/				
(2016)	4	81.969	WPAFB		SS	FFP	Lockheed Martin Aero / Marietta GA	Dec-15	Dec-18	Y	

**Remarks**  
For information on MC-130Js procured before FY11 please refer to the HC/MC Recap documents.



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<b>Exhibit P-21, Production Schedule</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity - 02, Airlift Aircraft, Item No. 9</b>	P-1 Line Item Nomenclature <b>MC-130 Recap</b>
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PROC. YEAR	SERV.	PROC. QTY.	ACCEP PRIOR TO 1 OCT. 2014	BALAN CE DUE AS OF 1 OCT. 2014	FISCAL YEAR 2015												FISCAL YEAR 2016												L A T E R
					2014			CALENDAR YEAR 2015									CALENDAR YEAR 2016												
					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	
2012	USAF	6	0	6		2	2	2																			0		
2013	USAF	6	0	6										1	2	2	1										0		
<b>TOTAL</b>		12	0	12	0	2	2	2	0	0	0	0	0	0	1	2	2	1	0	0	0	0	0	0	0	0	0		
					O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	
ITEM/MANUFACTURER'S NAME		LOCATION		PRODUCTION RATES					PROCUREMENT LEAD TIME																				
				MSR	ECON	MAX			ADMIN LEAD TIME				MFG. PLT	TOTAL AFTER 1 OCT															
Lockheed Martin Aero		Marietta GA		12	36	36			PRIOR 1 OCT	AFTER 1 OCT																			
									INITIAL																				
									REORDER	6	7	44	51																

REMARKS

**UNCLASSIFIED**

<b>Exhibit P-21, Production Schedule</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity - 02, Airlift Aircraft, Item No. 9</b>	P-1 Line Item Nomenclature <b>MC-130 Recap</b>
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PROC. YEAR	SERV.	PROC. QTY.	ACCEP. PRIOR TO 1 OCT. 2016	BALANCE DUE AS OF 1 OCT. 2016	FISCAL YEAR 2017												FISCAL YEAR 2018												L A T E R
					2016			CALENDAR YEAR 2017									CALENDAR YEAR 2018												
					OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
2014	USAF	5	0	5		1	2	2																			0		
<b>TOTAL</b>		<b>5</b>	<b>0</b>	<b>5</b>	<b>0</b>	<b>1</b>	<b>2</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>		
					OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
					PRODUCTION RATES						PROCUREMENT LEAD TIME																		
ITEM/MANUFACTURER'S NAME					LOCATION	MSR	ECON	MAX	ADMIN LEAD TIME				MFG. PLT	TOTAL AFTER 1 OCT															
Lockheed Martin Aero					Marietta GA	12	36	36	PRIOR 1 OCT		AFTER 1 OCT																		
									INITIAL																				
									REORDER																				

**REMARKS**

What appear to be gaps in production are filled by other USG C-130Js as well as foreign military sales and direct commercial sales C-130Js.  
See C-130J P-21 for complete C-130J production plan.

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<b>Exhibit P-40, Budget Item Justification</b>	Date: February 2011
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 02, Airlift Aircraft, Item No. 10</b>	P-1 Line Item Nomenclature <b>MC-130 Recap AP</b>

Program Element for Code B Items	N/A	Other Related Program Elements	PE 0207224F HC-130 Recap; PE 0207237F AC-130 Recap
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	ID Code	Prior Years	FY 2010	FY 2011	FY 2012	FY 2012 OCO	FY 2012 Total	FY 2013	FY 2014	FY 2015	FY 2016	To Comp	Total
Proc Qty	A						0						0
Cost(\$ M)							0.000						0.000
Advance Proc Cost(\$ M)			0.000	60.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		60.000
Weapon System Cost(\$ M)		0.000	0.000	60.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	60.000
Initial Spares(\$ M)							0.000						0.000
Total Proc Cost(\$ M)		0.000	0.000	60.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	60.000
Flyaway Unit Cost(\$ M)							0.000						0.000
Wpn Sys Unit Cost(\$ M)							0.000						0.000

**Description**

Totals include funding for PRCP Program Number 257, HC/MC-130 Recap.

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

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

**FY 2012 Program Justification**

Advance procurement funding ended in FY11.

**Exhibit P-10 p.1. Advance Procurement Requirements Analysis  
(Page 1 – Funding)**

Date: February 2011

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

**Aircraft Procurement, Air Force, Budget Activity 02, Airlift Aircraft, Item No. 10**

P-1 Line Item Nomenclature

**MC-130 Recap AP**

Weapon System	First System Award Date	First System Completion Date	Interval Between Systems
MC-130 Recap AP			

(\$ in Millions)

Description	PLT	When Rqd	Prior Years	FY 2010	FY 2011	FY 2012	FY 2012 OCO	FY 2013	FY 2014	FY 2015	FY 2016	To Comp	Total
End Item Qty						6							6
CFE					60.000								60.000
Engines													0.000
GFE													0.000
EOQ													0.000
Design													0.000
Term Liability													0.000
<b>TOTAL AP</b>			0.000	0.000	60.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	60.000

P-1 Shopping List Item No. 10

**Advance Procurement Requirements Analysis  
(Page 1 - Funding)**

**Exhibit P-10, p. 1, page 2 of 4**

**Exhibit P-10 p.2. Advance Procurement Requirements Analysis  
(Page 2 – Budget Justification)**

Date: February 2011

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

**Aircraft Procurement, Air Force, Budget Activity 02, Airlift Aircraft, Item No. 10**

P-1 Line Item Nomenclature

**MC-130 Recap AP**

Weapon System

MC-130 Recap AP

(TOA, \$ in Millions)

Description	PLT	QPA	Unit Cost	2010 QTY	2010 Contract Forecast Date	2010 Total Cost Request	2011 QTY	2011 Contract Forecast Date	2011 Total Cost Request	2012 QTY	2012 Contract Forecast Date	2012 Total Cost Request	2012 OCO Contract Forecast Date	2012 OCO Total Cost Request
End Item										6	Dec-11			
CFE							6	Apr-11	60.000					
GFE														
EOQ														
Design														
Term Liability														
TOTAL AP						0.000			60.000			0.000		0.000

**Description**

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

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

P-1 Shopping List Item No. 10

**Advance Procurement Requirements Analysis  
(Page 2 - Budget Justification)  
Exhibit P-10, p. 2, page 3 of 4**

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

**Aircraft Procurement, Air Force, Budget Activity 02, Airlift Aircraft, Item No. 10**

P-1 Line Item Nomenclature

**MC-130 Recap AP**

**UNCLASSIFIED**

<b>Exhibit P-40, Budget Item Justification</b>	Date: February 2011
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 02, Airlift Aircraft, Item No. 11</b>	P-1 Line Item Nomenclature <b>HC/MC-130Recap</b>

Program Element for Code B Items	N/A	Other Related Program Elements	HC/MC-130 Recap RDT&E, PE0605278F; MC-130 Recap Proc, PE0202730F; AC-130 Recap, PE0207237F
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	ID Code	Prior Years	FY 2010	FY 2011	FY 2012	FY 2012 OCO	FY 2012 Total	FY 2013	FY 2014	FY 2015	FY 2016	To Comp	Total
Proc Qty	A	13	2	0	0	0	0	0	0	0	0	0	15
Cost(\$ M)		887.003	374.074	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1261.077
Advance Proc Cost(\$ M)		155.003	136.936	0.000	0.000		0.000	0.000	0.000	0.000		0.000	291.939
Weapon System Cost(\$ M)		1042.006	511.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1553.016
Initial Spares(\$ M)		0.000					0.000					0.000	0.000
Total Proc Cost(\$ M)		1042.006	511.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1553.016
Flyaway Unit Cost(\$ M)		72.202	74.910				0.000						147.112
Wpn Sys Unit Cost(\$ M)		80.154	255.050				0.000						335.204

**Description**

FY09 funding totals include \$504M for 4 HC-130Js and 3 MC-130Js appropriated for Overseas Contingency Operations. In FY08, \$540M in Global War on Terror (GWOT) supplemental funding for 7 MC-130Js was provided in the C-130J Program, PE 0401132F as there was not an HC/MC-130 Recap budget line at the time.

Totals include funding for PRCP Program Number 257, HC/MC-130 Recap.

HC/MC-130 recapitalization will replace and augment the aging USAF fleets of combat rescue HC-130P/N and special operations MC-130E/P aircraft which are experiencing airworthiness, maintainability and operational limitations. This program provides a common baseline configuration aircraft.

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

Prior Years column above includes 6 HC-130Js and 7 MC-130Js. FY10 funds 1 HC-130J and 1 MC-130J.

In total, 15 MC-130Js and 7 HC-130Js have been procured FY08-FY10.

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

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

P-1 Shopping List Item No. 11	<b>Budget Item Justification</b> <b>Exhibit P-40, page 1 of 7</b>
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UNCLASSIFIED

<b>Exhibit P-40, Budget Item Justification</b>	Date: February 2011
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 02, Airlift Aircraft, Item No. 11</b>	P-1 Line Item Nomenclature <b>HC/MC-130Recap</b>
<p><u>Description Continued</u></p> <p><b>FY 2012 Program Justification</b> Starting in FY11 the HC-130 Recap and MC-130 Recap programs are being reported in separate documents for improved visibility. Thus no budget year FY12 and out funding is requested in this combined HC/MC document.</p>	
P-1 Shopping List Item No. 11	<b>Budget Item Justification</b> <b>Exhibit P-40, page 2 of 7</b>



**UNCLASSIFIED**

<b>Exhibit P-5, Weapon System Cost Analysis</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 02, Airlift Aircraft, Item No. 11</b>	P-1 Line Item Nomenclature <b>HC/MC-130Recap</b>
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Weapon System Cost Elements	Ident Code	Total Cost in Millions of Dollars					
		FY 2012 OCO			Cost to Complete		
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
Airframe/Engines/Accessories							
Government Furnished Equipment (GFE)							
Engineering Change Orders (ECO)							
FLYAWAY COST SUBTOTAL		[0]		[0.000]	[0]		[0.000]
Airframe Peculiar Ground Support Equipment (PGSE)							
Peculiar Training Equipment							
Publications/Technical Data							
Diminishing Manufacturing Sources							
Interim Contractor Support (ICS)	A						
Interim Supply Support (ISS)	A						
Data							
Post Delivery Support							
Organic Depot Support							
Other Government Cost							
SUPPORT COST SUBTOTAL		[0]		[0.000]	[0]		[0.000]
Advance Procurement (Credit)							
Advance Procurement							
<b>TOTAL PROGRAM:</b>				0.000			0.000

<b>Exhibit P-5A, Procurement History and Planning</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/Bs/Item Control Number: <b>Aircraft Procurement, Air Force, Budget Activity 02, Airlift Aircraft, Item No. 11</b>	P-1 Line Item Nomenclature: <b>HC/MC-130Recap</b>
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<u>Weapon System</u> HC/MC-130Recap	Subline Item
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WBS Cost Elements	Qty.	Unit Cost	Location of PCO	RFP Issue Date	Contract Method	Contract Type	Contractor and Location	Award Date	Date of First Delivery.	Specs Available Now?	Date Revision Available?
Aircraft Procurement							/				
(2009)	6	69.200	WPAFB		SS	FFP	Lockheed Martin Aero / Marietta GA	Jun-08	Sep-10	Y	
(2009 OCO)	7	72.000	WPAFB		SS	FFP	Lockheed Martin Aero / Marietta GA	Oct-09	Aug-12	Y	
(2010)	2	73.100	WPAFB		SS	FFP	Lockheed Martin Aero / Marietta GA	Oct-09	Oct-12	Y	

**Remarks**  
7 FY08 GWOT MC-130Js were procured under the C-130J program, PE 41132 as there was not an HC/MC-130 Recap Line in 2008.



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<b>Exhibit P-21, Production Schedule</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity - 02, Airlift Aircraft, Item No. 11</b>	P-1 Line Item Nomenclature <b>HC/MC-130Recap</b>
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PROC. YEAR	SERV.	PROC. QTY.	ACCEP. PRIOR TO 1 OCT. 2011	BALANCE DUE AS OF 1 OCT. 2011	FISCAL YEAR 2012												FISCAL YEAR 2013												L A T E R
					2011			CALENDAR YEAR 2012									CALENDAR YEAR 2013												
					OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
2008 GWOT	USAF	7	0	7		1	2				2	2															0		
2009 OCO	USAF	7	0	7										2	3	2											0		
2010	USAF	2	0	2												1	1										0		
<b>TOTAL</b>		<b>16</b>	<b>0</b>	<b>16</b>	<b>0</b>	<b>1</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>3</b>	<b>3</b>	<b>1</b>	<b>0</b>										
					OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	

ITEM/MANUFACTURER'S NAME	LOCATION	PRODUCTION RATES			PROCUREMENT LEAD TIME			
		MSR	ECON	MAX	ADMIN LEAD TIME		MFG. PLT	TOTAL AFTER 1 OCT
		PRIOR 1 OCT		AFTER 1 OCT				
Lockheed Martin Aero	Marietta GA	12	36	36	6	1	37	38
					INITIAL			
					REORDER			

**REMARKS**  
What appear to be gaps in production are filled by other USG C-130Js as well as foreign military sales and direct commercial sales C-130Js

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<b>Exhibit P-40, Budget Item Justification</b>	Date: February 2011
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 02, Airlift Aircraft, Item No. 12</b>	P-1 Line Item Nomenclature <b>HC/MC-130 Recap Adv Proc</b>

Program Element for Code B Items	N/A	Other Related Program Elements	HC-130 Recap RDT&E: PE 0604261F MC-130 Recap APAF: PE 0207230F
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	ID Code	Prior Years	FY 2010	FY 2011	FY 2012	FY 2012 OCO	FY 2012 Total	FY 2013	FY 2014	FY 2015	FY 2016	To Comp	Total
Proc Qty	A	0	0	0	0		0	0	0	0		0	0
Cost(\$ M)		0.000	0.000	0.000	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.000
Advance Proc Cost(\$ M)		155.003	136.936	0.000	0.000		0.000	0.000	0.000	0.000		0.000	291.939
Weapon System Cost(\$ M)		155.003	136.936	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	291.939
Initial Spares(\$ M)		0.000					0.000					0.000	0.000
Total Proc Cost(\$ M)		155.003	136.936	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	291.939
Flyaway Unit Cost(\$ M)							0.000						0.000
Wpn Sys Unit Cost(\$ M)							0.000						0.000

**Description**

Totals include funding for PRCP Program Number 257, HC/MC-130 Recap.

HC/MC-130 recapitalization will replace and augment the aging USAF fleets of combat rescue HC-130P/N and special operations MC-130E/P aircraft which are experiencing airworthiness, maintainability and operational limitations. This program provides a common baseline configuration.

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

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

**FY 2012 Program Justification**

Starting in FY11 the HC-130 Recap and MC-130 Recap programs are being reported in separate documents for improved visibility. Thus no budget year FY12 and out funding is requested in this combined HC/MC document.

**Exhibit P-10 p.1. Advance Procurement Requirements Analysis  
(Page 1 – Funding)**

Date: February 2011

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

**Aircraft Procurement, Air Force, Budget Activity 02, Airlift Aircraft, Item No. 12**

P-1 Line Item Nomenclature

**HC/MC-130 Recap Adv Proc**

Weapon System	First System Award Date	First System Completion Date	Interval Between Systems
HC/MC-130Recap AP	Jun-08	Sep-10	

(\$ in Millions)

Description	PLT	When Rqd	Prior Years	FY 2010	FY 2011	FY 2012	FY 2012 OCO	FY 2013	FY 2014	FY 2015	FY 2016	To Comp	Total
End Item Qty			20	2									22
CFE			155.003	90.000									245.003
Engines													0.000
GFE													0.000
EOQ													0.000
Design													0.000
Term Liability													0.000
<b>TOTAL AP</b>			155.003	90.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	245.003

P-1 Shopping List Item No. 12

**Advance Procurement Requirements Analysis  
(Page 1 - Funding)**

**Exhibit P-10, p. 1, page 2 of 4**

**Exhibit P-10 p.2. Advance Procurement Requirements Analysis  
(Page 2 – Budget Justification)**

Date: February 2011

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

**Aircraft Procurement, Air Force, Budget Activity 02, Airlift Aircraft, Item No. 12**

P-1 Line Item Nomenclature

**HC/MC-130 Recap Adv Proc**

Weapon System

HC/MC-130Recap AP

(TOA, \$ in Millions)

Description	PLT	QPA	Unit Cost	2010 QTY	2010 Contract Forecast Date	2010 Total Cost Request	2011 QTY	2011 Contract Forecast Date	2011 Total Cost Request	2012 QTY	2012 Contract Forecast Date	2012 Total Cost Request	2012 OCO Contract Forecast Date	2012 OCO Total Cost Request
End Item				2	Nov-10		9							
CFE					Nov-10	90.000								
GFE														
EOQ														
Design														
Term Liability														
Excess						42.900								
TOTAL AP						132.900			0.000			0.000		0.000

**Description**

The 2010 Advance Procurement provided long lead funding for 5 FY11 MC-130Js and 4 FY11 HC-130Js. The programs are being reported separately starting in FY11. The FY10 Advance Procurement credit in FY11 is annotated on each program's P-5.

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

P-1 Shopping List Item No. 12

**Advance Procurement Requirements Analysis  
(Page 2 - Budget Justification)  
Exhibit P-10, p. 2, page 3 of 4**

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

**Aircraft Procurement, Air Force, Budget Activity 02, Airlift Aircraft, Item No. 12**

P-1 Line Item Nomenclature

**HC/MC-130 Recap Adv Proc**

**UNCLASSIFIED**

<b>Exhibit P-40, Budget Item Justification</b>	Date: February 2011
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 02, Airlift Aircraft, Item No. 13</b>	P-1 Line Item Nomenclature <b>C-27J</b>

Program Element for Code B Items	Other Related Program Elements												
	ID Code	Prior Years	FY 2010	FY 2011	FY 2012	FY 2012 OCO	FY 2012 Total	FY 2013	FY 2014	FY 2015	FY 2016	To Comp	Total
Proc Qty			8	8	9		9						25
Cost(\$ M)		0.000	318.066	351.200	479.896	0.000	479.896	137.863	56.754	24.814	15.957	0.000	1384.550
Advance Proc Cost(\$ M)		0.000					0.000					0.000	0.000
Weapon System Cost(\$ M)		0.000	318.066	351.200	479.896	0.000	479.896	137.863	56.754	24.814	15.957	0.000	1384.550
Initial Spares(\$ M)		0.000			91.686		91.686	51.978	48.979	23.000	5.000	0.000	220.643
Total Proc Cost(\$ M)		0.000	318.066	351.200	571.582	0.000	571.582	189.841	105.733	47.814	20.957	0.000	1605.193
Flyaway Unit Cost(\$ M)			29.465	32.301	34.153		34.153						95.919
Wpn Sys Unit Cost(\$ M)			39.758	43.900	53.322		53.322						136.980

**Description**

Totals include funding for Program Resources Collection Process (PRCP) Program Number 183, Joint Cargo Aircraft.

The program funding includes reductions for program management activity efficiencies that are not intended to impact program content. The efficiencies reductions total \$1.981M in FY12.

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

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

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

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

**FY 2012 Program Justification**

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

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<b>Exhibit P-40, Budget Item Justification</b>	Date: February 2011
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 02, Airlift Aircraft, Item No. 13</b>	P-1 Line Item Nomenclature <b>C-27J</b>
<p>Provides for engineering change orders to correct aircraft design/manufacturing deficiencies identified during initial qualification and operational test and evaluation, and operational use, and to address parts obsolescence and/or diminishing manufacturing source issues that may emerge.</p> <p>Provides for interim contractor support to establish Air National Guard (ANG) C-27J bases and sustain fielded C-27J aircraft conducting domestic training and support operations, and contingency operations abroad.</p> <p>Provides for the procurement of ground support equipment needed to support C-27J flight operations in the US and at forward operating locations abroad.</p> <p>Provides for initial and recurring C-27J aircrew qualification training, and for the training of C-27J maintenance personnel.</p> <p>Provides for the procurement of aircrew weapon system and fuselage training devices.</p> <p>Provides for updates to C-27J aircrew and maintenance technical orders/manuals.</p> <p>Provides for the establishment of organic depot level repair capabilities.</p> <p>Provides for the procurement of technical data.</p> <p>Provides for program office management and mission support requirements.</p>	
P-1 Shopping List Item No. 13	<b>Budget Item Justification</b> <b>Exhibit P-40, page 2 of 7</b>

**UNCLASSIFIED**

<b>Exhibit P-5, Weapon System Cost Analysis</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 02, Airlift Aircraft, Item No. 13</b>	P-1 Line Item Nomenclature <b>C-27J</b>
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Weapon System Cost Elements	Ident Code	Total Cost in Millions of Dollars											
		Prior Years			FY 2010			FY 2011			FY 2012		
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
C-27J Aircraft					8	28.986	231.887	8	31.426	251.408	9	31.650	284.846
Aircraft Mission Equipment						3.829			3.910			4.491	
Engineering Change Orders						0.000			3.091			18.041	
<b>SUBTOTAL - FLYAWAY COST</b>		[0]		[0.000]	[8]		[235.716]	[8]		[258.409]	[9]		[307.378]
Interim Contractor Support - ANG Base Activation						8.667			2.889			6.635	
Interim Contractor Support - Labor						6.698			11.661			16.535	
Interim Contractor Support - Material						4.028			9.664			17.020	
Interim Contractor Support - Deployment Support						31.067			40.037			2.796	
Ground Support Equipment						3.571			3.371			7.798	
Contractor Provided Aircrew Training						5.324			9.509			8.408	
Contractor Provided Maintenance Training									7.430			3.919	
Aircrew Training Devices												82.024	
Technical Order Maintenance						15.498			0.200			1.169	
Organic Depot Activation						0.100			0.936			18.570	
Contractor Provided Engineering Services & Data						0.753			2.358			2.364	
Program Office Travel, Training, Equipment, & Mission Support						2.165			0.987			1.465	
Program Office A&AS and Product Support Services						4.479			3.749			3.815	
<b>SUBTOTAL - SUPPORT COST</b>		[0]		[0.000]	[0]		[82.350]	[0]		[92.791]	[0]		[172.518]
<b>TOTAL PROGRAM:</b>				0.000			318.066			351.200			479.896

**Remarks**

**UNCLASSIFIED**

<b>Exhibit P-5, Weapon System Cost Analysis</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 02, Airlift Aircraft, Item No. 13</b>	P-1 Line Item Nomenclature <b>C-27J</b>
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Weapon System Cost Elements	Ident Code	Total Cost in Millions of Dollars					
		FY 2012 OCO			Cost to Complete		
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
C-27J Aircraft							
Aircraft Mission Equipment							
Engineering Change Orders							
<b>SUBTOTAL - FLYAWAY COST</b>		[0]		[0.000]	[0]		[0.000]
Interim Contractor Support - ANG Base Activation							
Interim Contractor Support - Labor							
Interim Contractor Support - Material							
Interim Contractor Support - Deployment Support							
Ground Support Equipment							
Contractor Provided Aircrew Training							
Contractor Provided Maintenance Training							
Aircrew Training Devices							
Technical Order Maintenance							
Organic Depot Activation							
Contractor Provided Engineering Services & Data							
Program Office Travel, Training, Equipment, & Mission Support							
Program Office A&AS and Product Support Services							
<b>SUBTOTAL - SUPPORT COST</b>		[0]		[0.000]	[0]		[0.000]
<b>TOTAL PROGRAM:</b>				0.000			0.000

<b>Exhibit P-5A, Procurement History and Planning</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/Bs/Item Control Number: <b>Aircraft Procurement, Air Force, Budget Activity 02, Airlift Aircraft, Item No. 13</b>	P-1 Line Item Nomenclature: <b>C-27J</b>
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<u>Weapon System</u> C-27J	Subline Item
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WBS Cost Elements	Qty.	Unit Cost	Location of PCO	RFP Issue Date	Contract Method	Contract Type	Contractor and Location	Award Date	Date of First Delivery.	Specs Available Now?	Date Revision Available?
C-27J Aircraft							/				
(2010)	8	28.986	Redstone Arsenal, AL	Mar-06	DO		L-3 Communications / Waco, TX	Jun-10	Jul-12	Y	
(2011)	8	31.426	Wright-Patterson AFB, OH	Mar-06	DO		L-3 Communications / Waco, TX	May-11	Jun-13	Y	
(2012)	9	31.650	Wright-Patterson AFB, OH	Mar-06	DO		L-3 Communications / Waco, TX	Mar-12	Jun-14	Y	

**Remarks**  
 FY10-12 aircraft procurements will be executed via priced options to the basic C-27J aircraft production and sustainment contract awarded to L-3 Communications in June 2007.  
 FY10 aircraft orders were placed by the Army's C-27J procurement contracting officer at Redstone Arsenal, AL. Subsequent to this order, contract management for the C-27J program transferred to the Air Force C-27J program office at Wright-Patterson AFB, OH and all future orders for C-27J aircraft will be executed there.



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<b>Exhibit P-21, Production Schedule</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity - 02, Airlift Aircraft, Item No. 13</b>	P-1 Line Item Nomenclature <b>C-27J</b>
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PROC. YEAR	SERV.	PROC. QTY.	ACCEP. PRIOR TO 1 OCT. 2013	BALANCE DUE AS OF 1 OCT. 2013	FISCAL YEAR 2014												FISCAL YEAR 2015												L A T E R
					2013			CALENDAR YEAR 2014									CALENDAR YEAR 2015												
					OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
2011	USAF	8	3	5	1		1	1			1	1															0		
2012	USAF	9	0	9										1	1			1	1								0		
<b>TOTAL</b>		<b>17</b>	<b>3</b>	<b>14</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>		
					OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
ITEM/MANUFACTURER'S NAME		LOCATION	PRODUCTION RATES					PROCUREMENT LEAD TIME																					
			MSR	ECON	MAX	ADMIN LEAD TIME		MFG. PLT	TOTAL AFTER 1 OCT																				
L3 Communications		Waco, TX	1	9	15	PRIOR 1 OCT	AFTER 1 OCT																						
						INITIAL	0																						
						REORDER	0																						

REMARKS

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<b>Exhibit P-40, Budget Item Justification</b>	Date: February 2011
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 03, Trainer Aircraft, Item No. 14</b>	P-1 Line Item Nomenclature <b>LIGHT MOBILITY AIRCRAFT</b>

Program Element for Code B Items				N/A				Other Related Program Elements				N/A			
	<b>ID Code</b>	<b>Prior Years</b>	<b>FY 2010</b>	<b>FY 2011</b>	<b>FY 2012</b>	<b>FY 2012 OCO</b>	<b>FY 2012 Total</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>To Comp</b>	<b>Total</b>		
Proc Qty	A			15			0						15		
Total Proc Cost(\$ M)		0.000	0.000	65.699	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	65.699		

**Description**

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

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

**FY 2012 Program Justification**

No Budget Year FY12 funding requested.

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<b>Exhibit P-5, Weapon System Cost Analysis</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 03, Trainer Aircraft, Item No. 14</b>	P-1 Line Item Nomenclature <b>LIGHT MOBILITY AIRCRAFT</b>
--	--

Weapon System Cost Elements	Ident Code	Total Cost in Millions of Dollars											
		Prior Years			FY 2010			FY 2011			FY 2012		
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
Aircraft	A							15	3.600	54.003			
Program Management Administration										3.000			
<b>FLYAWAY COST SUBTOTAL</b>		[0]		[0.000]	[0]		[0.000]	[15]		[57.003]	[0]		[0.000]
Interim Contractor Support (Services)	A									8.696			
<b>SUPPORT COST SUBTOTAL</b>		[0]		[0.000]	[0]		[0.000]	[0]		[8.696]	[0]		[0.000]
<b>TOTAL PROGRAM:</b>				0.000			0.000			65.699			0.000

**Remarks**

ICS costs are all for services; material will be provided "as required," but is not specifically budgeted for.

**UNCLASSIFIED**

<b>Exhibit P-5, Weapon System Cost Analysis</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 03, Trainer Aircraft, Item No. 14</b>	P-1 Line Item Nomenclature <b>LIGHT MOBILITY AIRCRAFT</b>
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Weapon System Cost Elements	Ident Code	Total Cost in Millions of Dollars					
		FY 2012 OCO			Cost to Complete		
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
Aircraft	A				0		0.000
Program Management Administration							
<b>FLYAWAY COST SUBTOTAL</b>		[0]		[0.000]	[0]		[0.000]
Interim Contractor Support (Services)	A						
<b>SUPPORT COST SUBTOTAL</b>		[0]		[0.000]	[0]		[0.000]
<b>TOTAL PROGRAM:</b>				0.000			0.000

<b>Exhibit P-5A, Procurement History and Planning</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/Bs/Item Control Number: <b>Aircraft Procurement, Air Force, Budget Activity 03, Trainer Aircraft, Item No. 14</b>	P-1 Line Item Nomenclature: <b>LIGHT MOBILITY AIRCRAFT</b>
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<u>Weapon System</u> LIGHT MOBILITY AIRCRAFT	Subline Item
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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							/				
(2011)	15	3.600	ASC WPAFB OH	Oct-10	C	FFP	Unknown / Unknown	May-11	Feb-12	Y	

**Remarks**





**UNCLASSIFIED**

<b>Exhibit P-40, Budget Item Justification</b>	Date: February 2011
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 03, Trainer Aircraft, Item No. 15</b>	P-1 Line Item Nomenclature <b>USAFA Powered Flight</b>

Program Element for Code B Items		N/A		Other Related Program Elements				N/A					
	<b>ID Code</b>	<b>Prior Years</b>	<b>FY 2010</b>	<b>FY 2011</b>	<b>FY 2012</b>	<b>FY 2012 OCO</b>	<b>FY 2012 Total</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>To Comp</b>	<b>Total</b>
Proc Qty	A	0	32	12	0	0	0	0	0	0	0		44
Total Proc Cost(\$ M)		0.000	8.931	4.099	1.060	0.000	1.060	0.000	0.000	0.000	0.000	0.000	14.090

**Description**

This line is acquiring Commercial-Off-The-Shelf (COTS) aircraft for two separate programs: the Powered Flight Program and the Glider Replacement Program, both for the United States Air Force Academy (USAFA) in Colorado Springs, CO.

The Powered Flight Program is an academic program to integrate character training with flight operations to develop leadership and airmanship skills in future Air Force officers. It is not a pre-pilot training flight screening program. Desired aircraft characteristics include single engine, two-seat configuration minimum (four-seat acceptable) and FAA certification. Aircraft must be capable of operating from the USAFA airfield.

The USAFA Soaring program is designed to expose Air Force Academy cadets to core USAF missions, develop leadership confidence and self esteem through solo flight, advanced programs and competition flying. Due to sustainment concerns of the existing basic gliders (TG-10B) and the service life reduction of the aerobatic gliders (TG-10C), the Aeronautical Systems Center will acquire 19 FAA Certified COTS gliders and 11 Trailers in support of the USAFA Soaring Program. Five aerobatic gliders and 14 basic gliders will be purchased.

Sustainment of both programs will be through the existing Contractor Logistics Support (CLS) contract at OC-ALC.

**FY 2012 Program Justification**

FY2012 funds will be used for Program Management Administration, initial training and Interim Contractor Support for the Powered Flight Program.

**UNCLASSIFIED**

<b>Exhibit P-5, Weapon System Cost Analysis</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 03, Trainer Aircraft, Item No. 15</b>	P-1 Line Item Nomenclature <b>USAFA Powered Flight</b>
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Weapon System Cost Elements	Ident Code	Total Cost in Millions of Dollars											
		Prior Years			FY 2010			FY 2011			FY 2012		
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
Powered Flight Program Aircraft	A				13	0.285	3.705	12	0.285	3.420			0.000
Program Management Administration	A						0.150			0.274			0.639
Technical Manuals/Data	A						0.000			0.125			0.000
Peculiar Support Equipment	A						0.000			0.050			0.000
Initial Training/Cadre	A						0.000			0.100			0.100
Interim Contractor Support	A						0.276			0.130			0.450
Powered Flight Program Subtotal		[0]		[0.000]	[13]		[4.131]	[12]		[4.099]	[0]		[1.189]
Glider Aircraft	A				19	0.157	2.980						
Other Government Costs	A						1.170						
Other	A						0.586						
Interim Contractor Support	A						0.064						
Glider Subtotal		[0]		[0.000]	[19]		[4.800]	[0]		[0.000]	[0]		[0.000]
<b>TOTAL PROGRAM:</b>				0.000			8.931			4.099			1.189

**Remarks**  
 For the Glider Replacement Program, Other Government Costs include trailers, transportation and training. Other includes Program Management Administration, flight manual conversion and testing.

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<b>Exhibit P-5, Weapon System Cost Analysis</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 03, Trainer Aircraft, Item No. 15</b>	P-1 Line Item Nomenclature <b>USAFA Powered Flight</b>
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Weapon System Cost Elements	Ident Code	Total Cost in Millions of Dollars					
		FY 2012 OCO			Cost to Complete		
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
Powered Flight Program Aircraft	A						
Program Management Administration	A						
Technical Manuals/Data	A						
Peculiar Support Equipment	A						
Initial Training/Cadre	A						
Interim Contractor Support	A						
Powered Flight Program Subtotal		[0]		[0.000]	[0]		[0.000]
Glider Aircraft	A						
Other Government Costs	A						
Other	A						
Interim Contractor Support	A						
Glider Subtotal		[0]		[0.000]	[0]		[0.000]
<b>TOTAL PROGRAM:</b>				0.000			0.000

<b>Exhibit P-5A, Procurement History and Planning</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/Bs/Item Control Number: <b>Aircraft Procurement, Air Force, Budget Activity 03, Trainer Aircraft, Item No. 15</b>	P-1 Line Item Nomenclature: <b>USAFA Powered Flight</b>
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<u>Weapon System</u> USAFA Powered Flight	Subline Item
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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?
PFP Air Vehicle							/				
(2010)	13	0.285	ASC/877 AESG WPAFB OH	Aug-10	C	FFP	Unknown / Unknown	Feb-11	Jun-11	Y	
(2011)	12	0.285	ASC/877 AESG WPAFB OH	Aug-10	C	FFP	Unknown / Unknown	Feb-11	Sep-11	Y	
Glider Air Vehicle							/				
(2010)	19	0.157	WPAFB, OH	Sep-10	C	FFP	Unknown / Unknown	Feb-11	Jun-11	Y	

**Remarks**  
For both the Powered Flight Program and the Glider Replacement Program, the manufacturer will not be known until contract award. Dates of first delivery are notional at this time.



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<b>Exhibit P-40, Budget Item Justification</b>	Date: February 2011
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 03, Trainer Aircraft, Item No. 16</b>	P-1 Line Item Nomenclature <b>T-6</b>

Program Element for Code B Items		N/A				Other Related Program Elements				0604233F, 0804741F			
	ID Code	Prior Years	FY 2010	FY 2011	FY 2012	FY 2012 OCO	FY 2012 Total	FY 2013	FY 2014	FY 2015	FY 2016	To Comp	Total
Proc Qty	A	452	0	0	0		0	0	0	0		0	452
Cost(\$ M)		2413.558	12.663	0.000	0.000		0.000	0.000	0.000	0.000	0.000	0.000	2426.221
Advance Proc Cost(\$ M)		0.000					0.000					0.000	0.000
Weapon System Cost(\$ M)		2413.558	12.663	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2426.221
Initial Spares(\$ M)		99.331	2.507	0.457	1.921		1.921	0.023	0.823	0.827	0.831	0.000	106.720
Total Proc Cost(\$ M)		2512.889	15.170	0.457	1.921	0.000	1.921	0.023	0.823	0.827	0.831	0.000	2532.941
Flyaway Unit Cost(\$ M)		4.868					0.000						4.868
Wpn Sys Unit Cost(\$ M)		5.585					0.000						5.585

**Description**

Totals include funding for PRCP Program Number 560, JPATS.

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

**FY 2012 Program Justification**

No Budget Year FY12 funding requested. Final USAF T-6A was delivered in FY 2010.

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<b>Exhibit P-5, Weapon System Cost Analysis</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 03, Trainer Aircraft, Item No. 16</b>	P-1 Line Item Nomenclature <b>T-6</b>
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Weapon System Cost Elements	Ident Code	Total Cost in Millions of Dollars											
		Prior Years			FY 2010			FY 2011			FY 2012		
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
Aircraft	A	452	4.868	2413.558									
FLYAWAY COST SUBTOTAL		[452]		[2413.558]	[0]		[0.000]	[0]		[0.000]	[0]		[0.000]
Advance Procurement	A												
Other	A						12.663						
SUPPORT COST SUBTOTAL		[0]		[0.000]	[0]		[12.663]	[0]		[0.000]	[0]		[0.000]
Ground Based Training System	A												
Rounding in Database	A												
<b>TOTAL PROGRAM:</b>				2413.558			12.663			0.000			0.000

**Remarks**

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

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

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<b>Exhibit P-5, Weapon System Cost Analysis</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 03, Trainer Aircraft, Item No. 16</b>	P-1 Line Item Nomenclature <b>T-6</b>
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Weapon System Cost Elements	Ident Code	Total Cost in Millions of Dollars					
		FY 2012 OCO			Cost to Complete		
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
Aircraft	A						
FLYAWAY COST SUBTOTAL		[0]		[0.000]	[0]		[0.000]
Advance Procurement	A						
Other	A						
SUPPORT COST SUBTOTAL		[0]		[0.000]	[0]		[0.000]
Ground Based Training System	A						
Rounding in Database	A						
<b>TOTAL PROGRAM:</b>				0.000			0.000

<b>Exhibit P-5A, Procurement History and Planning</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/Bs/Item Control Number: <b>Aircraft Procurement, Air Force, Budget Activity 03, Trainer Aircraft, Item No. 16</b>	P-1 Line Item Nomenclature: <b>T-6</b>
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<u>Weapon System</u>	Subline Item
T-6	

WBS Cost Elements	Qty.	Unit Cost	Location of PCO	RFP Issue Date	Contract Method	Contract Type	Contractor and Location	Award Date	Date of First Delivery.	Specs Available Now?	Date Revision Available?
Air Vehicle							/				

**Remarks**  
 In FY2011, the USAF program transitions to sustainment; however, the USN will continue aircraft purchases through FY2013 and deliveries through FY2015. The USAF will remain executive service. In FY2009 and FY2010, USAF funding acquires air vehicle support, integrated logistics support, and mission support.



**UNCLASSIFIED**

<b>Exhibit P-21, Production Schedule</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity - 03, Trainer Aircraft, Item No. 16</b>	P-1 Line Item Nomenclature <b>T-6</b>
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PROC. YEAR	SERV.	PROC. QTY.	ACCEP PRIOR TO 1 OCT. 2011	BALAN CE DUE AS OF 1 OCT 2011	FISCAL YEAR 2012												FISCAL YEAR 2013												L A T E R	
					2011			CALENDAR YEAR 2012									CALENDAR YEAR 2013													
					O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P		
2008	FMS	59	55	4			4																				0			
2008	USN	44	44	0																							0			
2009	USN	43	20	23	5	5	4	5	4																		0			
2010	USN	36	0	36						3	3	3	3	3	3	3	3	3	3	3	3						0			
2011	USN	38	0	38															3	3	3	4	3	4	3		15			
2012	USN	36	0	36																							36			
2013	USN	24	0	24																							24			
<b>TOTAL</b>		<b>280</b>	<b>119</b>	<b>161</b>	<b>5</b>	<b>5</b>	<b>8</b>	<b>5</b>	<b>4</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>4</b>	<b>3</b>	<b>4</b>	<b>3</b>	<b>75</b>
					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		
ITEM/MANUFACTURER'S NAME					LOCATION		PRODUCTION RATES			PROCUREMENT LEAD TIME																				
							MSR	ECON	MAX	ADMIN LEAD TIME				MFG. PLT	TOTAL AFTER 1 OCT															
Hawker-Beechcraft Corp					Wichita, KS		35		84	PRIOR 1 OCT		AFTER 1 OCT																		
										INITIAL		0		6		15	21													
										REORDER		5																		

REMARKS





**UNCLASSIFIED**

<b>Exhibit P-40, Budget Item Justification</b>	Date: February 2011
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 17</b>	P-1 Line Item Nomenclature <b>Common Vertical Lift Support Platform</b>

Program Element for Code B Items		Other Related Program Elements						0604263F CVLSP					
	ID Code	Prior Years	FY 2010	FY 2011	FY 2012	FY 2012 OCO	FY 2012 Total	FY 2013	FY 2014	FY 2015	FY 2016	To Comp	Total
Proc Qty	A	0	0	0	2	0	2	4	4	6	6	71	93
Cost(\$ M)		0.000	0.000	6.432	52.800	0.000	52.800	126.568	133.184	221.094	224.398	2918.500	3682.976
Advance Proc Cost(\$ M)		0.000				0.000	0.000					0.000	0.000
Weapon System Cost(\$ M)		0.000	0.000	6.432	52.800	0.000	52.800	126.568	133.184	221.094	224.398	2918.500	3682.976
Initial Spares(\$ M)							0.000						0.000
Total Proc Cost(\$ M)		0.000	0.000	6.432	52.800	0.000	52.800	126.568	133.184	221.094	224.398	2918.500	3682.976
Flyaway Unit Cost(\$ M)					23.035		23.035	24.725	26.185	24.110	24.437	32.818	155.310
Wpn Sys Unit Cost(\$ M)					26.400		26.400	31.642	33.296	36.849	37.400	41.106	206.693

**Description**

Totals include funding for Program Resources Collection Process (PRCP) Program Number PNO 434 CVLSP Pre-MDAP

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

The Common Vertical Lift Support Platform (CVLSP) will provide vertical support for nuclear weapon convoy escort, 24/7 adverse weather capable InterContinental Ballistic Missile (ICBM) emergency security response/operational support, and mass passenger transport/Operational Support Airlift (OSA) in the National Capital Region. Other assigned missions include Pacific Air Forces (PACAF) OSA, survival school support, test and range support, and combat aviation advisor training.

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

**FY 2012 Program Justification**

FY12 funding is needed to support CVLSP aircraft procurement (two aircraft), associated acquisition activities and program office support.

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<b>Exhibit P-5, Weapon System Cost Analysis</b>	Date: February 2011
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 17</b>	P-1 Line Item Nomenclature <b>Common Vertical Lift Support Platform</b>

Weapon System Cost Elements	Ident Code	Total Cost in Millions of Dollars											
		Prior Years			FY 2010			FY 2011			FY 2012		
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
Air Vehicles	A										2	20.635	41.270
Systems Engineering / Program Management (SE/PM)	A												4.800
<b>FLY AWAY SUBTOTAL</b>		[0]		[0.000]	[0]		[0.000]	[0]		[0.000]	[2]	23.035	[46.070]
Support Equipment	A												
Production Spares	A												
Data	A												1.270
Interim Contractor Support (ICS)	A												
Aircrew/Maintenance Training	A												
Program Office / Mission Support	A									6.432			5.460
<b>SUPPORT COST TOTAL</b>		[0]		[0.000]	[0]		[0.000]	[0]	6.432	[6.432]	[0]	1.270	[6.730]
<b>TOTAL PROGRAM:</b>				0.000			0.000			6.432			52.800

**Remarks**  
 The CVLSP platform is expected to be an in-production, non-developmental, Government Off-The-Shelf or Commercial Off-The-Shelf (GOTS/COTS) aircraft. More accurate schedules and costs will be developed when the acquisition strategy is finalized.

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<b>Exhibit P-5, Weapon System Cost Analysis</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 17</b>	P-1 Line Item Nomenclature <b>Common Vertical Lift Support Platform</b>
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Weapon System Cost Elements	Ident Code	Total Cost in Millions of Dollars					
		FY 2012 OCO			Cost to Complete		
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
Air Vehicles	A				71	29.680	2107.550
Systems Engineering / Program Management (SE/PM)	A						222.560
<b>FLY AWAY SUBTOTAL</b>		[0]		[0.000]	[71]	32.818	[2330.110]
Support Equipment	A						58.940
Production Spares	A						230.130
Data	A						53.840
Interim Contractor Support (ICS)	A						23.810
Aircrew/Maintenance Training	A						56.740
Program Office / Mission Support	A						164.930
<b>SUPPORT COST TOTAL</b>		[0]		[0.000]	[6]	74.630	[588.390]
<b>TOTAL PROGRAM:</b>				0.000			2918.500

<b>Exhibit P-5A, Procurement History and Planning</b>									Date: February 2011		
Appropriation (Treasury) Code/CC/BA/Bs/Item Control Number: <b>Aircraft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 17</b>									P-1 Line Item Nomenclature: <b>Common Vertical Lift Support Platform</b>		
<u>Weapon System</u>						Subline Item					
CVLSP											
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 Vehicles							/				
(2010)							/				
(2011)							/				
(2012)	2	20.635	WPAFB, OH		Other		Unknown / Unknown	Jul-12	Jul-14	Y	
(2012 OCO)							/				
(2013)	4	22.770	WPAFB, OH		Other		Unknown / Unknown	Mar-13	Mar-15	Y	
(2014)	4	22.070	WPAFB, OH		Other		Unknown / Unknown	Mar-14	Mar-16	Y	
(2015)	6	22.590	WPAFB, OH		Other		Unknown / Unknown	Mar-15	Mar-17	Y	
(2016)	6	22.890	WPAFB, OH		Other		Unknown / Unknown	Mar-16	Mar-18	Y	
<b>Remarks</b>											
The CVLSP platform is expected to be an in-production, non-developmental, Government Off-The-Shelf or Commercial Off-The-Shelf (GOTS/COTS) aircraft. More accurate schedules and costs will be developed when the acquisition strategy is finalized.											
P-1 Shopping List Item No. 17						Procurement History and Planning Exhibit P-5A, page 4 of 9					











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<b>Exhibit P-40, Budget Item Justification</b>	Date: February 2011
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 19</b>	P-1 Line Item Nomenclature <b>CV-22 Osprey</b>

Program Element for Code B Items	N/A	Other Related Program Elements						N/A					
	ID Code	Prior Years	FY 2010	FY 2011	FY 2012	FY 2012 OCO	FY 2012 Total	FY 2013	FY 2014	FY 2015	FY 2016	To Comp	Total
Proc Qty	A	26	5	5	5	1	6	4	3	0	0	0	49
Cost(\$ M)		2255.803	435.880	393.098	339.865	70.000	409.865	282.853	224.542	0.000	0.000	0.000	4002.041
Advance Proc Cost(\$ M)		128.169	13.835	13.621	20.000		20.000	15.000	0.000	0.000	0.000	0.000	190.625
Weapon System Cost(\$ M)		2383.972	449.715	406.719	359.865	70.000	429.865	297.853	224.542	0.000	0.000	0.000	4192.666
Initial Spares(\$ M)		382.106	123.342	108.592	57.450		57.450	93.064	42.470			0.000	807.024
Total Proc Cost(\$ M)		2766.079	573.057	515.311	417.315	70.000	487.315	390.917	267.012	0.000	0.000	0.000	4999.691
Flyaway Unit Cost(\$ M)		69.482	68.485	67.894	66.772	70.000	136.772	69.794	71.555				483.982
Wpn Sys Unit Cost(\$ M)		91.691	89.943	81.344	71.973	70.000	141.973	74.463	74.847				554.261

**Description**

Totals include funding for Program Resources Collection Process (PRCP) Program Number 212, V-22 Osprey Joint Advanced Vertical Lift Aircraft.

The CV-22 is a Special Operations Forces (SOF) variant of the 1st Generation V-22 tiltrotor, multi-mission aircraft. The CV-22 will provide long range, high speed, critical capability to insert, extract, and resupply special operations forces into politically or militarily denied areas, not currently provided by existing aircraft. The Navy is the lead service for the joint V-22 program and is responsible for managing all V-22 medium-lift variants, including the CV-22. The program will field 50 CV-22 aircraft (2 Production Representative Test Vehicles funded with RDT&E, 48 production aircraft, plus one production aircraft procured with FY12 Overseas Contingency Operations supplemental funds to replace the aircraft lost in OEF). The program will also procure support equipment, training equipment and spares. This program has Diminishing Manufacturing Sources (DMS) issues and funding is included in this budget line item for DMS resolution. The Air Force funds the procurement of the basic aircraft (V-22 common components), contractor logistics support, and training. USSOCOM funds the procurement of SOF unique systems on the CV-22, such as the terrain following radar and Electronic Warfare Countermeasures. The Air Force funds 85% of the procurement cost for CV-22 training systems, while USSOCOM funds 15%. The Air Force and Navy utilize joint training facilities at Marine Corps Air Stations (MCAS) New River, NC to conduct maintenance training and initial V-22 aircrew qualification training. CV-22 SOF unique mission qualification training is being conducted at the Special Operations Mission Qualification Schoolhouse at Kirtland Air Force Base, NM.

Notes:

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

The program funding includes reductions for overhead reduction efficiencies that are not intended to impact program content. The efficiencies reductions total \$5.807M in FY12.

**FY 2012 Program Justification**

The FY2012 budget will provide funding to procure five CV-22 aircraft under the fifth year of a 5-year (Multi-Year Procurement) MYP contract, and associated logistics

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<b>Exhibit P-40, Budget Item Justification</b>	Date: February 2011
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 19</b>	P-1 Line Item Nomenclature <b>CV-22 Osprey</b>
<p>requirements.</p> <p>The FY2012 budget includes Advance Procurement for four aircraft to be purchased in FY2013.</p> <p>The FY2012 OCO budget request is to replace the CV-22 aircraft lost in combat operations in Afghanistan in April 2010.</p>	
P-1 Shopping List Item No. 19	<b>Budget Item Justification</b> <b>Exhibit P-40, page 2 of 14</b>

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<b>Exhibit P-5, Weapon System Cost Analysis</b>	Date: February 2011
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 19</b>	P-1 Line Item Nomenclature <b>CV-22 Osprey</b>

Weapon System Cost Elements	Ident Code	Total Cost in Millions of Dollars											
		Prior Years			FY 2010			FY 2011			FY 2012		
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
Air Frame CFE	A	26	59.584	1549.188	5	55.546	277.728	5	57.884	289.419	5	56.766	283.830
Engines/Accessories	A	52	2.014	104.747	10	2.063	20.634	10	2.149	21.490	10	2.192	21.919
CFE Electronics	A			0.375			0.318						
GFE	A			26.515			19.116			15.850			16.547
Engineering Change Orders (ECO)	A			21.066			5.840			5.788			5.929
Nonrecurring Cost	A			91.478			11.950						
Ancillary Equipment	A			2.678			2.011			3.300			1.673
Parts Obsolescence	A			10.493			4.827			3.621			3.964
<b>TOTAL FLYAWAY COST</b>		[78]	69.422	[1806.539]	[15]	68.485	[342.425]	[15]	67.894	[339.469]	[15]	66.772	[333.862]
Airframe PGSE	A			42.296			17.529			10.055			6.359
Engine PGSE	A			3.959			0.515			1.203			
Avionics PGSE	A			30.622			3.680			6.667			
Peculiar Training Equipment	A			158.656			55.932			25.181			
Publications/Technical Data	A			28.952			6.079			3.958			
Other ILS	A			228.638			19.146			8.428			7.900
Production Engr Support	A			27.122			9.140			7.753			7.773
Common SE	A			24.516			4.583			12.437			
<b>SUPPORT COST</b>		[0]		[544.762]	[0]		[116.603]	[0]		[75.681]	[0]		[22.032]
Gross P-1 Cost	A			[2351.300]			[459.028]			[415.150]			[355.894]
Advance Procurement (Credit)	A			-95.497			-23.148			-22.052			-16.029
<b>Net P-1 Cost</b>		[0]		[2255.803]	[0]		[435.880]	[0]		[393.098]	[0]		[339.865]
Advance Procurement	A			128.169			13.835			13.621			20.000
Weapon System Cost	A			[2383.972]			[449.715]			[406.719]			[359.865]
<b>TOTAL PROGRAM:</b>				2383.972			449.715			406.719			359.865

**Remarks**

Note:

1. FY10-14 GFE budget includes funding for Directional Infrared Counter Measures (DIRCM), which was budgeted under USSOCOM in MFP-11 in previous years.
2. No CFE Electronics required after FY2010.



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<b>Exhibit P-5, Weapon System Cost Analysis</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 19</b>	P-1 Line Item Nomenclature <b>CV-22 Osprey</b>
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Weapon System Cost Elements	Ident Code	Total Cost in Millions of Dollars					
		FY 2012 OCO			Cost to Complete		
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
Air Frame CFE	A	1	58.799	58.799			
Engines/Accessories	A	2	2.096	4.191			
CFE Electronics	A						
GFE	A			3.965			
Engineering Change Orders (ECO)	A			1.505			
Nonrecurring Cost	A						
Ancillary Equipment	A			0.575			
Parts Obsolescence	A			0.965			
<b>TOTAL FLYAWAY COST</b>		[3]	70.000	[70.000]	[0]		[0.000]
Airframe PGSE	A						
Engine PGSE	A						
Avionics PGSE	A						
Peculiar Training Equipment	A						
Publications/Technical Data	A						
Other ILS	A						
Production Engr Support	A						
Common SE	A						
<b>SUPPORT COST</b>		[0]		[0.000]	[0]		[0.000]
Gross P-1 Cost	A			[70.000]			
Advance Procurement (Credit)	A						
<b>Net P-1 Cost</b>		[0]		[70.000]	[0]		[0.000]
Advance Procurement	A						
Weapon System Cost	A			[70.000]			
<b>TOTAL PROGRAM:</b>				70.000			0.000

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<b>Exhibit P-5A, Procurement History and Planning</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/Bs/Item Control Number: <b>Aircraft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 19</b>	P-1 Line Item Nomenclature: <b>CV-22 Osprey</b>
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<b>Weapon System</b> CV-22	Subline Item
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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 Frame CFE							/				
(2008 GWOT)	5	57.868	NAVAIR	Jul-08	SS	FPI	Bell Boeing / Ridley Park PA & Fort Worth TX & Amarillo TX	Sep-08	May-12	Y	
(2009)	6	55.198	NAVAIR	Jul-06	SS	FPI	Bell Boeing / Ridley Park PA & Fort Worth TX & Amarillo TX	Nov-08	Feb-11	Y	
(2010)	5	55.546	NAVAIR	Jul-06	SS	FPI	Bell Boeing / Ridley Park PA & Fort Worth TX & Amarillo TX	Nov-09	Feb-12	Y	
(2011)	5	57.884	NAVAIR	Jul-06	SS	FPI	Bell Boeing / Ridley Park PA & Fort Worth TX & Amarillo TX	Nov-10	Feb-13	Y	
(2012)	5	56.766	NAVAIR	Jul-06	SS	FPI	Bell Boeing / Ridley Park PA and Ft Worth TX and Amarillo TX	Nov-11	Jan-14	Y	
(2012 OCO)	1	58.799	NAVAIR	Oct-11	SS	FPI	Bell Boeing / Ridley Park PA & Fort Worth TX & Amarillo TX	Aug-12	Jan-16	Y	
(2013)	4	60.416	NAVAIR	Feb-11	SS	FFP	Bell Boeing / Ridley Park PA & Fort Worth TX & Amarillo TX	Nov-12	Jan-15	Y	
Engines/Accessories							/				
(2009)	12	1.960	NAVAIR	Jul-06	SS	FFP	Rolls Royce / Indianapolis IN	Dec-08	May-10	Y	
(2010)	10	2.063	NAVAIR	Jul-06	SS	FFP	Rolls Royce / Indianapolis IN	Dec-09	May-11	Y	
(2011)	10	2.149	NAVAIR	Jul-06	SS	FFP	Rolls Royce / Indianapolis IN	Dec-10	Apr-12	Y	

P-1 Shopping List Item No. 19

**Procurement History and Planning  
Exhibit P-5A, page 6 of 14**







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<b>Exhibit P-21, Production Schedule</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity - 04, Other Aircraft, Item No. 19</b>	P-1 Line Item Nomenclature <b>CV-22 Osprey</b>
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PROC. YEAR	SERV.	PROC. QTY.	ACCEP. PRIOR TO 1 OCT. 2013	BALANCE DUE AS OF 1 OCT. 2013	FISCAL YEAR 2014												FISCAL YEAR 2015												L A T E R			
					2013			CALENDAR YEAR 2014												CALENDAR YEAR 2015												
					OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP				
FY2008 GWOT	USAF	5	4	1		1																				0						
FY2008 GWOT	USMC	2	1	1							1															0						
2011	USMC	30	26	4	3	1																				0						
2012	USAF	5	0	5				1			1			1	1											0						
2012	USMC	30	0	30		1	2	2	3	3	2	3	2	3	2	4										0						
2013	USAF	4	0	4															1		1		1		1	0						
2013	USMC	23	0	23												2	2		2	2	2	2	2	2	3	0						
<b>TOTAL</b>		<b>99</b>	<b>31</b>	<b>68</b>	<b>3</b>	<b>3</b>	<b>2</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>4</b>	<b>3</b>	<b>3</b>	<b>4</b>	<b>3</b>	<b>4</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>3</b>	<b>2</b>	<b>3</b>	<b>2</b>	<b>3</b>	<b>0</b>						
					OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP				
ITEM/MANUFACTURER'S NAME					LOCATION		PRODUCTION RATES						PROCUREMENT LEAD TIME																			
							MSR	ECON	MAX	ADMIN LEAD TIME				MFG. PLT	TOTAL AFTER 1 OCT																	
Bell Boeing					Ridley Park PA and Ft Worth TX and Amarillo TX		11	32	41	PRIOR 1 OCT		AFTER 1 OCT				TOTAL AFTER 1 OCT																
										INITIAL		15																				
REMARKS											REORDER		2																			

REMARKS  
Minimum sustaining rate includes MV-22 production. FY2008 GWOT deliveries will exceed 12 months due to production capacity and necessity to meet currently scheduled CV-22 and MV-22 deliveries.





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<b>Exhibit P-21, Production Schedule</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity - 04, Other Aircraft, Item No. 19</b>	P-1 Line Item Nomenclature <b>CV-22 Osprey</b>
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PROC. YEAR	SERV.	PROC. QTY.	ACCEP PRIOR TO 1 OCT. 2011	BALAN CE DUE AS OF 1 OCT 2011	FISCAL YEAR 2012												FISCAL YEAR 2013												L A T E R
					2011			CALENDAR YEAR 2012									CALENDAR YEAR 2013												
					O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	
2010	USAF	10	6	4	2	2																						0	
2010	USMC	60	30	30	6	6	6	4	2	6																		0	
2011	USAF	10		10							2	2	2	2	2													0	
2011	USMC	60	0	60							6	6	6	6	6	4	6	6	6	6	2							0	
2012	USAF	10	0	10																	2	2	2	2	2	2	0		
2012	USMC	60	0	60																	2	4	4	6	6	4	6	4	24
2012 OCO	USAF	2		2																							2		
2013	USAF	8		8																							8		
<b>TOTAL</b>		<b>220</b>	<b>36</b>	<b>184</b>	<b>8</b>	<b>8</b>	<b>6</b>	<b>4</b>	<b>2</b>	<b>6</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>4</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>8</b>	<b>8</b>	<b>6</b>	<b>8</b>	<b>6</b>	<b>34</b>
					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	
ITEM/MANUFACTURER'S NAME		LOCATION	PRODUCTION RATES			PROCUREMENT LEAD TIME																							
			MSR	ECON	MAX	ADMIN LEAD TIME				MFG. PLT	TOTAL AFTER 1 OCT																		
Rolls Royce		Indianapolis IN	46	70	88	PRIOR 1 OCT		AFTER 1 OCT																					
						INITIAL																							
						REORDER																							

REMARKS

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<b>Exhibit P-21, Production Schedule</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity - 04, Other Aircraft, Item No. 19</b>	P-1 Line Item Nomenclature <b>CV-22 Osprey</b>
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PROC. YEAR	SERV.	PROC. QTY.	ACCEP. PRIOR TO 1 OCT. 2013	BALANCE DUE AS OF 1 OCT. 2013	FISCAL YEAR 2014												FISCAL YEAR 2015												L A T E R
					2013			CALENDAR YEAR 2014									CALENDAR YEAR 2015												
					OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
2012	USMC	60	36	24	6	6	6	6																			0		
2012 OCO	USAF	2		2				2																			0		
2013	USAF	8		8								2	2	2	2												0		
2013	USMC	46	0	46					4	4	4	4	4	4	4	4	4	4	4	2							0		
<b>TOTAL</b>		<b>116</b>	<b>36</b>	<b>80</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>8</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>2</b>	<b>0</b>								

ITEM/MANUFACTURER'S NAME	LOCATION	PRODUCTION RATES			PROCUREMENT LEAD TIME									
		MSR	ECON	MAX	ADMIN LEAD TIME		MFG. PLT	TOTAL AFTER 1 OCT						
		PRIOR 1 OCT	AFTER 1 OCT											
Rolls Royce	Indianapolis IN	46	70	88			18	21						
		INITIAL	12	3										
		REORDER	0											

REMARKS

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<b>Exhibit P-40, Budget Item Justification</b>	Date: February 2011
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 20</b>	P-1 Line Item Nomenclature <b>CV-22 (Osprey) Advance Procurement</b>

Program Element for Code B Items	N/A	Other Related Program Elements						N/A					
	ID Code	Prior Years	FY 2010	FY 2011	FY 2012	FY 2012 OCO	FY 2012 Total	FY 2013	FY 2014	FY 2015	FY 2016	To Comp	Total
Proc Qty	A	31	5	5	4	0	4	3	0	0	0	0	48
Cost(\$ M)			0.000	0.000	0.000		0.000	0.000	0.000	0.000	0.000		0.000
Advance Proc Cost(\$ M)		129.081	13.835	13.621	20.000	0.000	20.000	15.000	0.000	0.000	0.000	0.000	191.537
Weapon System Cost(\$ M)		129.081	13.835	13.621	20.000	0.000	20.000	15.000	0.000	0.000	0.000	0.000	191.537
Initial Spares(\$ M)							0.000						0.000
Total Proc Cost(\$ M)		129.081	13.835	13.621	20.000	0.000	20.000	15.000	0.000	0.000	0.000	0.000	191.537
Flyaway Unit Cost(\$ M)							0.000						0.000
Wpn Sys Unit Cost(\$ M)							0.000						0.000

**Description**

Totals include funding for Program Resources Collection Process (PRCP) Program Number 212, V-22 Osprey Joint Advanced Vertical Lift Aircraft.

The CV-22 is a Special Operations Forces (SOF) variant of the 1st Generation V-22 tiltrotor, multi-mission aircraft. The CV-22 will provide long range, high speed, critical capability to insert, extract, and resupply special operations forces into politically or militarily denied areas, not currently provided by existing aircraft. The Navy is the lead service for the joint V-22 program and is responsible for managing all V-22 medium-lift variants, including the CV-22. The program will field 50 CV-22 aircraft (2 Production Representative Test Vehicles funded with RDT&E, 48 production aircraft, plus one production aircraft procured with FY12 Overseas Contingency Operations supplemental funds to replace the aircraft lost in OEF). The program will also procure support equipment, training equipment and spares. The Air Force funds the procurement of the basic aircraft (V-22 common components), contractor logistics support, and training. USSOCOM funds the procurement of SOF unique systems on the CV-22, such as the terrain following radar and Suite of Integrated Radio Frequency Countermeasures (SIRFC).

**FY 2012 Program Justification**

The FY2012 budget includes \$20.0M for long lead items to support four CV-22 aircraft to be procured in FY 2013.

**Exhibit P-10 p.1. Advance Procurement Requirements Analysis  
(Page 1 – Funding)**

Date: February 2011

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

**Aircraft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 20**

P-1 Line Item Nomenclature

**CV-22 (Osprey) Advance Procurement**

Weapon System	First System Award Date	First System Completion Date	Interval Between Systems
CV22AP	Nov-11	Nov-14	<1 month

(\$ in Millions)

Description	PLT	When Rqd	Prior Years	FY 2010	FY 2011	FY 2012	FY 2012 OCO	FY 2013	FY 2014	FY 2015	FY 2016	To Comp	Total
End Item Qty			31	5	5	4		3					48
CFE	34.000		45.236			20.000		15.000					80.236
Engines													0.000
GFE													0.000
EOQ													0.000
Design													0.000
Term Liability													0.000
Long-Lead for FY08	33.000		17.301										17.301
EOQ for FY08			1.707										1.707
Long-Lead for FY09	36.000		14.348										14.348
EOQ for FY09			16.112										16.112
Long-Lead for FY10	36.000		14.227										14.227
EOQ for FY10			5.800										5.800
Long-Lead for FY11	36.000			13.835									13.835
EOQ for FY11			7.283										7.283
Long-Lead for FY12	36.000				13.621								13.621

P-1 Shopping List Item No. 20

**Advance Procurement Requirements Analysis  
(Page 1 - Funding)**

**Exhibit P-10, p. 1, page 2 of 4**

**Exhibit P-10 p.1. Advance Procurement Requirements Analysis  
(Page 1 – Funding)**

Date: February 2011

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

**Aircraft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 20**

P-1 Line Item Nomenclature

**CV-22 (Osprey) Advance Procurement**

EOQ for FY12			7.068										7.068
TOTAL AP			129.081	13.835	13.621	20.000	0.000	15.000	0.000	0.000	0.000	0.000	191.537

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. Advance Procurement Requirements Analysis  
(Page 2 – Budget Justification)**

Date: February 2011

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

**Aircraft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 20**

P-1 Line Item Nomenclature

**CV-22 (Osprey) Advance Procurement**

Weapon System

CV22AP

(TOA, \$ in Millions)

Description	PLT	QPA	Unit Cost	2010 QTY	2010 Contract Forecast Date	2010 Total Cost Request	2011 QTY	2011 Contract Forecast Date	2011 Total Cost Request	2012 QTY	2012 Contract Forecast Date	2012 Total Cost Request	2012 OCO QTY	2012 OCO Contract Forecast Date	2012 OCO Total Cost Request
End Item															
EOQ/Long-Lead Items	36.000			5	Nov-09	13.835	5	Nov-10	13.621	4	Nov-11	20.000			
TOTAL AP						13.835			13.621			20.000			0.000

**Description**

P-1 Shopping List Item No. 20

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

**UNCLASSIFIED**

<b>Exhibit P-40, Budget Item Justification</b>	Date: February 2011
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 21</b>	P-1 Line Item Nomenclature <b>C-12 A</b>

Program Element for Code B Items		35230F					Other Related Program Elements					N/A	
	<b>ID Code</b>	<b>Prior Years</b>	<b>FY 2010</b>	<b>FY 2011</b>	<b>FY 2012</b>	<b>FY 2012 OCO</b>	<b>FY 2012 Total</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>To Comp</b>	<b>Total</b>
Proc Qty	A	37	5	0	0		0	0	0	0		0	42
Total Proc Cost(\$ M)		260.911	40.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	300.911

**Description**

Liberty Project Aircraft (LPA), military designation MC-12W, is the Air Force's multi-role, medium altitude, manned aircraft system performing an intelligence, surveillance, and reconnaissance (ISR) mission coupled with a target acquisition (TA) capability. LPA was initiated through the SECDEF-directed ISR Task Force to address the ever-increasing Combatant Commander's requirements to satisfy ISR capabilities shortfalls in on-going Overseas Contingency Operations (OCO). Capabilities integrated by the 645th Aeronautical Systems Group (AESG, a.k.a. BIG SAFARI Program Office) for the Phase 1 configured Hawker Beechcraft Corporation (HBC) King Air 350 aircraft (LPA #1 through #7) included: full motion video (FMV) line-of-sight (LOS) data link for remote video terminal (RVTs, a.k.a. Remote Operations Video Enhanced Receiver {ROVER} and One System Remote Video Terminal {OSRVT} receivers); limited signals intelligence (SIGINT) collection capability; and narrowband INMARSAT data link for beyond line-of-sight (BLOS) connectivity. Capabilities integrated by 645 AESG for the Phase 2 configured HBC King Air 350 extended range (ER) aircraft (LPA #8 through #42) include: enhanced FMV with laser designator capability; a more robust SIGINT capability; and a Ku-band spread spectrum (KuSS) data link for increased bandwidth to BLOS connectivity.

FY 2010 OCO Surge funding (\$40.0M) was provided for the procurement of five additional production HBC King Air 350ER aircraft (LPA #38 through #42). Purchase contract between 645 AESG and HBC for this aircraft procurement was awarded on 29 October 2010. BIG SAFARI anticipates taking delivery of all five HBC King Air 350ERs by the end of March 2011 and will have them modified to the MC-12W LPA Phase II configuration.

The MC-12W program of record will stand at 42 aircraft once the modification of the five FY 2010 OCO Surge funded aircraft is complete.

**FY 2012 Program Justification**

No aircraft procurement funding is currently requested or projected for FY 2012.

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<b>Exhibit P-5, Weapon System Cost Analysis</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 21</b>	P-1 Line Item Nomenclature <b>C-12 A</b>
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Weapon System Cost Elements	Ident Code	Total Cost in Millions of Dollars											
		Prior Years			FY 2010			FY 2011			FY 2012		
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
King Air 350 Aircraft	A	7	5.200	36.400									
King Air 350ER Aircraft	A	30	7.484	224.511	5	8.000	40.000						
<b>TOTAL PROGRAM:</b>				260.911			40.000			0.000			0.000

**Remarks**

Initial acquisition strategy taken by the Air Force to meet the OSD mandated timelines to quickly deliver this ISR capability was to purchase C-12 class aircraft readily available on the open commercial market. This approach was deemed the most economically feasible and expeditious way to jump start this ISR initiative. The 645 AESG (BIG SAFARI Program Office) contracted with L-3Communications (L-3Com), Greenville, TX to procure seven high quality, previously owned King Air 350 model aircraft to modify as an MC-12W Phase 1 aircraft (LPA #1 through #7) and one high quality, previously owned King Air 350ER model aircraft to modify as an MC-12W Phase 2 aircraft (LPA #8). As high quality, previously owned King Air 350/350ER model aircraft were exhausted from the open commercial market, contract negotiations ensued between 645 AESG and Hawker Beechcraft Corporation (HBC) for production King Air 350ER aircraft to complete the initial fleet requirement of 37 MC-12W LPA.

The FY 2008 Reprogramming Initiative provided the means to purchase the first seven previously owned King Air 350 aircraft. The FY 2009 program of record base funding provided the means to purchase one previously owned King Air 350ER and 23 new King Air 350ER aircraft direct from the HBC's Wichita, KS production facility. FY09 Overseas Contingency Operation (OCO) supplemental funding provided the means to procure six production aircraft to complete the required 37 aircraft for the original program of record.

The FY 2010 OCO Surge supplemental funding provided further means to expand the program of record by an additional five King Air 350ER aircraft, bringing the total fleet size of MC-12W Liberty Project Aircraft for Air Combat Command to 42 aircraft. The final five aircraft will deliver from HBC's production facility to L-3Com's modification facility in Greenville, TX, between by March 2011. These five aircraft will deliver from HBC with the MC-12W paint scheme, thus the main reason for the approximately \$500K cost increase per aircraft.

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<b>Exhibit P-5, Weapon System Cost Analysis</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 21</b>	P-1 Line Item Nomenclature <b>C-12 A</b>
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Weapon System Cost Elements	Ident Code	Total Cost in Millions of Dollars					
		FY 2012 OCO			Cost to Complete		
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
King Air 350 Aircraft	A						
King Air 350ER Aircraft	A						
<b>TOTAL PROGRAM:</b>				0.000			0.000

<b>Exhibit P-5A, Procurement History and Planning</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/Bs/Item Control Number: <b>Aircraft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 21</b>	P-1 Line Item Nomenclature: <b>C-12 A</b>
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<u>Weapon System</u> MC-12W	Subline Item
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WBS Cost Elements	Qty.	Unit Cost	Location of PCO	RFP Issue Date	Contract Method	Contract Type	Contractor and Location	Award Date	Date of First Delivery.	Specs Available Now?	Date Revision Available?
King Air 350ER model aircraft, new production							/				
(2010)	5	8.000	645 AESG, Wright Patterson AFB, OH	Jul-10	C	FFP	Hawker Beechcraft Corporation / Wichita, KS	Oct-10	Jan-11	Y	

**Remarks**  
 The 2010 line entry above were aircraft purchased on contract by the 645 AESG directly from HBC's production facility in Wichita, KS. These five aircraft will be numbered as LPA #38 through #42 as they deliver. In addition, and unlike the first 29 King Air 350ERs purchased from HBC, these five aircraft will deliver with the MC-12W paint scheme, the main reason for the \$500,000 price increase. The decision to contract this way is to save modification time and contract money on the integration contract with the modification prime contractor, L-3Com.



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<b>Exhibit P-40, Budget Item Justification</b>	Date: February 2011
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 22</b>	P-1 Line Item Nomenclature <b>C-40</b>

Program Element for Code B Items		N/A					Other Related Program Elements					None	
	<b>ID Code</b>	<b>Prior Years</b>	<b>FY 2010</b>	<b>FY 2011</b>	<b>FY 2012</b>	<b>FY 2012 OCO</b>	<b>FY 2012 Total</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>To Comp</b>	<b>Total</b>
Proc Qty	A	3	3	0	0		0	0	0	0		0	6
Total Proc Cost(\$ M)		135.736	153.569	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	289.305

**Description**

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

**FY 2012 Program Justification**

No budget year FY12 funding required.

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<b>Exhibit P-5, Weapon System Cost Analysis</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 22</b>	P-1 Line Item Nomenclature <b>C-40</b>
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Weapon System Cost Elements	Ident Code	Total Cost in Millions of Dollars											
		Prior Years			FY 2010			FY 2011			FY 2012		
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
Aircraft Purchase	A	1	87.736	87.736	1	99.552	99.552						
Leased Aircraft Purchase	A	2	24.000	48.000	2	27.009	54.017						
<b>TOTAL PROGRAM:</b>				135.736			153.569			0.000			0.000

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

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<b>Exhibit P-5, Weapon System Cost Analysis</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 22</b>	P-1 Line Item Nomenclature <b>C-40</b>
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Weapon System Cost Elements	Ident Code	Total Cost in Millions of Dollars					
		FY 2012 OCO			Cost to Complete		
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
Aircraft Purchase	A						
Leased Aircraft Purchase	A						
<b>TOTAL PROGRAM:</b>				0.000			0.000

<b>Exhibit P-5A, Procurement History and Planning</b>									Date: February 2011		
Appropriation (Treasury) Code/CC/BA/Bs/Item Control Number: <b>Aircraft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 22</b>									P-1 Line Item Nomenclature: <b>C-40</b>		
<u>Weapon System</u>						Subline Item					
C-40											
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?
Leased C-40 Purchase											
C-40 Purchase											
(2010)	1	99.552	Dayton, OH	Feb-10	SS	FFP	Boeing Aerospace / Seattle, WA	Feb-11	Dec-13	Y	
<u>Remarks</u>											
P-1 Shopping List Item No. 22						Procurement History and Planning Exhibit P-5A, page 4 of 8					









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<b>Exhibit P-40, Budget Item Justification</b>	Date: February 2011
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 23</b>	P-1 Line Item Nomenclature <b>Civil Air Patrol</b>

Program Element for Code B Items			Other Related Program Elements										
	ID Code	Prior Years	FY 2010	FY 2011	FY 2012	FY 2012 OCO	FY 2012 Total	FY 2013	FY 2014	FY 2015	FY 2016	To Comp	Total
Proc Qty	A	28					0					6	34
Total Proc Cost(\$ M)		10.427	6.406	2.424	2.190		2.190	2.498	2.541	2.587	2.662	0.000	31.735

**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 2012 Program Justification**

Award the production contract for 6 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 appropriate training material.

**UNCLASSIFIED**

<b>Exhibit P-5, Weapon System Cost Analysis</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 23</b>	P-1 Line Item Nomenclature <b>Civil Air Patrol</b>
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Weapon System Cost Elements	Ident Code	Total Cost in Millions of Dollars											
		Prior Years			FY 2010			FY 2011			FY 2012		
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
Avionics													
Cessna 182T	A				13	0.493	6.406	6	0.404	2.424	6	0.410	2.190
<b>FLYAWAY COST SUBTOTAL</b>		[0]		[0.000]	[13]		[6.406]	[6]		[2.424]	[6]		[2.190]
Airframe Peculiar Ground Support Equipment (PGSE)													
Engine PGSE													
Peculiar Training Equipment													
Publications/Technical Data													
ECOs	A												
Other													
<b>SUPPORT COST SUBTOTAL</b>		[0]		[0.000]	[0]		[0.000]	[0]		[0.000]	[0]		[0.000]
<b>TOTAL PROGRAM:</b>				0.000			6.406			2.424			2.190

**Remarks**

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<b>Exhibit P-5, Weapon System Cost Analysis</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 23</b>	P-1 Line Item Nomenclature <b>Civil Air Patrol</b>
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Weapon System Cost Elements	Ident Code	Total Cost in Millions of Dollars					
		FY 2012 OCO			Cost to Complete		
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
Avionics							
Cessna 182T	A						
<b>FLYAWAY COST SUBTOTAL</b>		[0]		[0.000]	[0]		[0.000]
Airframe Peculiar Ground Support Equipment (PGSE)							
Engine PGSE							
Peculiar Training Equipment							
Publications/Technical Data							
ECOs	A						
Other							
<b>SUPPORT COST SUBTOTAL</b>		[0]		[0.000]	[0]		[0.000]
<b>TOTAL PROGRAM:</b>				0.000			0.000

<b>Exhibit P-5A, Procurement History and Planning</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/Bs/Item Control Number: <b>Aircraft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 23</b>	P-1 Line Item Nomenclature: <b>Civil Air Patrol</b>
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<u>Weapon System</u> CAP	Subline Item
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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?
Cessna 182T											
(2010)	13	0.493	CAP, Inc. 105 S. Hansell St. Bldg. 714 Maxwell AFB, AL 36112-6332	Jan-10	C	ID/IQ	Cessna Aircraft Co. Wichita / KS	Mar-10	Mar-11	Y	
(2011)	6	0.404	CAP, Inc. 105 S. Hansell St. Bldg. 714 Maxwell AFB, AL 36112-6332	Jan-11	OPT		Cessna Aircraft Co. Wichita / KS	Mar-11	Mar-12	Y	
(2012)	6	0.410	CAP, Inc. 105 S. Hansell St. Bldg. 714 Maxwell AFB, AL 36112-6332	Jan-12	OPT		Cessna Aircraft Co. Wichita / KS	Mar-12	Mar-13	Y	

**Remarks**





**UNCLASSIFIED**

<b>Exhibit P-40, Budget Item Justification</b>	Date: February 2011
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 24</b>	P-1 Line Item Nomenclature <b>HH-60M Operational Loss Replacement</b>

Program Element for Code B Items	N/A	Other Related Program Elements											
	ID Code	Prior Years	FY 2010	FY 2011	FY 2012	FY 2012 OCO	FY 2012 Total	FY 2013	FY 2014	FY 2015	FY 2016	To Comp	Total
Proc Qty	A	0	4	6	3	1	4	0	0	0	0	0	14
Total Proc Cost(\$ M)		0.000	94.990	218.447	104.711	39.300	144.011	47.596	11.875	0.000	0.000	TBD	TBD

**Description**

FY 2011 funding totals include \$114.0M requested for Overseas Contingency Operations (OCO) to be used for three (3) additional configured aircraft and associated support.

FY 2012 funding totals include \$39.3M requested for OCO to be used for one (1) additional configured aircraft and associated support.

HH-60 Pave Hawks perform the Combat Search and Rescue (CSAR) mission for the Air Force. These low density, high demand platforms first entered service almost 30 years ago and have been continuously deployed in support of operations throughout the world. The primary mission of the HH-60 is to recover isolated personnel, including downed aircrew, from hostile or denied territory. Rescue forces may also conduct other missions inherent in their capabilities to conduct Personnel Recovery (PR), such as Medical Evacuation (MEDEVAC), non-conventional assisted recovery, non-combatant evacuation operations, civil search and rescue, international aid, disaster/humanitarian relief, and insertion/extraction of combat forces.

The purpose of this program is to initiate and support the acquisition of CSAR Operational Loss Replacement (OLR) helicopters to replace HH-60Gs lost through attrition. The HH-60 OLR program will provide USAF Combat Rescue forces with a vertical take-off and landing aircraft that is deployable and capable of main base and austere location operations for worldwide Search and Rescue and Joint PR missions.

**FY 2012 Program Justification**

The plan is to procure UH-60M aircraft through established Army contracts and missionize the aircraft to an acceptable configuration that is representative of the fielded HH-60G. Post production configuration changes include but are not limited to; guns, external hoist, refueling probe, avionics suite, communications suite, and defensive suites required for the HH-60G mission. Non-recurring engineering will be required for pre-production activities once the configuration is set.

FY 12 program dollars will continue the Operational Loss Replacement Program started in FY10. Funding will provide for three (3) UH-60M aircraft, mission configuration changes, training systems and equipment, spares, data, non-recurring engineering, test, Systems Engineering/Program Management, and other government costs.

There is also an FY12 Overseas Contingency Operations (OCO) funding request of \$39.3M for one (1) additional configured aircraft and associated support.

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<b>Exhibit P-5, Weapon System Cost Analysis</b>	Date: February 2011
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 24</b>	P-1 Line Item Nomenclature <b>HH-60M Operational Loss Replacement</b>

Weapon System Cost Elements	Ident Code	Total Cost in Millions of Dollars											
		Prior Years			FY 2010			FY 2011			FY 2012		
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
UH-60M Procurement	A				4	16.300	65.200	6	16.850	101.100	3	17.450	52.350
Increment 0 Mission Equipment/Installs	A				3	0.833	2.500						
Increment 1.5 Mission Equipment/Installs	A				1	16.660	16.660	6	17.243	103.458	2	18.471	36.942
ECO Engineering Change Order	A												
PGSE Airframe Peculiar Ground Support Equipment	A						1.230			1.085			1.596
Peculiar Training Equipment	A						4.600			2.400			2.425
Publications/Technical Data	A												2.500
Test/Certification Support	A									1.200			1.410
ICS	A									0.436			2.300
ISS (spares)	A						3.400			5.968			3.088
Other Government Costs	A						1.400			2.800			2.100
<b>TOTAL PROGRAM:</b>				0.000			94.990			218.447			104.711

**Remarks**

More accurate schedules and costs will be developed when the acquisition strategy is finalized.

**UNCLASSIFIED**

<b>Exhibit P-5, Weapon System Cost Analysis</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 24</b>	P-1 Line Item Nomenclature <b>HH-60M Operational Loss Replacement</b>
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Weapon System Cost Elements	Ident Code	Total Cost in Millions of Dollars					
		FY 2012 OCO			Cost to Complete		
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
UH-60M Procurement	A	1	17.450	17.450			
Increment 0 Mission Equipment/Installs	A						
Increment 1.5 Mission Equipment/Installs	A	1	18.471	18.471			
ECO Engineering Change Order	A						
PGSE Airframe Peculiar Ground Support Equipment	A			0.041			
Peculiar Training Equipment	A						
Publications/Technical Data	A						
Test/Certification Support	A			1.654			
ICS	A						
ISS (spares)	A			0.884			
Other Government Costs	A			0.800			
<b>TOTAL PROGRAM:</b>				39.300			0.000

**UNCLASSIFIED**

Exhibit P-5A, Procurement History and Planning									Date: February 2011		
Appropriation (Treasury) Code/CC/BA/Bs/Item Control Number: <b>Aircraft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 24</b>									P-1 Line Item Nomenclature: <b>HH-60M Operational Loss Replacement</b>		
<u>Weapon System</u>						Subline Item					
HH-60											
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?
UH-60M Procurement							/				
(2010)	4	16.300	Wright-Patterson AFB, OH		MIPR		US Army / Redstone, AL	Jan-10	Mar-11	Y	
(2011)	3	16.850	Wright-Patterson AFB, OH		MIPR		US Army / Redstone, AL	Mar-11	Jan-13	Y	
(2011 OCO)	3	16.850	Wright-Patterson AFB, OH		MIPR		US Army / Redstone, AL	Mar-11	Jan-13	Y	
(2012)	3	17.450	Wright-Patterson AFB, OH		MIPR		US Army / Redstone, AL	Jan-12	Jan-14	Y	
(2012 OCO)	1	17.450	Wright-Patterson AFB, OH		MIPR		US Army / Redstone, AL	Jan-12	May-14	Y	
Increment 0 Mission Equipment/Installs											
(2010)	3	0.833	Wright-Patterson AFB, OH		MIPR		US Army(RDECOM) / Redstone, AL	Jan-11	Nov-11	Y	
Increment 1.5 Mission Equipment/Installs											
(2010)	1	16.660	Wright-Patterson AFB, OH		Other		TBD / TBD	Aug-11	Oct-14	Y	
(2011)	3	17.243	Wright-Patterson AFB, OH		Other		TBD / TBD	Jan-12	Nov-14	Y	

P-1 Shopping List Item No. 24

**Procurement History and Planning  
Exhibit P-5A, page 4 of 13**

<b>Exhibit P-5A, Procurement History and Planning</b>										Date: February 2011	
Appropriation (Treasury) Code/CC/BA/Bs/Item Control Number: <b>Aircraft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 24</b>										P-1 Line Item Nomenclature: <b>HH-60M Operational Loss Replacement</b>	
<u>Weapon System</u>					Subline Item						
HH-60											
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?
(2011 OCO)	3	17.243	Wright-Patterson AFB, OH		Other		TBD / TBD	Jan-12	Feb-15	Y	
(2012)	2	18.471	Wright-Patterson AFB, OH		Other		TBD / TBD	Aug-12	May-15	Y	
(2012 OCO)	1	18.471	Wright-Patterson AFB, OH		Other		TBD / TBD	Aug-12	Aug-15	Y	
(2013)	1	19.117	Wright-Patterson AFB, OH		Other		TBD / TBD	Oct-12	Sep-15	Y	
<b>Remarks</b>											
The plan is to procure UH-60M aircraft through established Army contracts. The initial 3 aircraft will receive minimal configuration changes to expedite delivery to a non-deployable unit (this will free up 3 HH-60Gs for deployments). The remaining aircraft will be missionized to a configuration representative of the fielded HH-60G. Contract award and delivery dates are notional and will be finalized upon the completion of the acquisition strategy.											
P-1 Shopping List Item No. 24					Procurement History and Planning Exhibit P-5A, page 5 of 13						



**UNCLASSIFIED**

<b>Exhibit P-21, Production Schedule</b>	Date: February 2011
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity - 04, Other Aircraft, Item No. 24</b>	P-1 Line Item Nomenclature <b>HH-60M Operational Loss Replacement</b>

PROC. YEAR	SERV.	PROC. QTY.	ACCEP. PRIOR TO 1 OCT. 2011	BALANCE DUE AS OF 1 OCT. 2011	FISCAL YEAR 2012													FISCAL YEAR 2013												L A T E R
					2011			CALENDAR YEAR 2012										CALENDAR YEAR 2013												
					OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP		
2010	USAF	4	2	2	1	1																					0			
2011	USAF	3	0	3																	1	1	1					0		
2011 OCO	USAF	3	0	3																		1	1	1				0		
2012	USAF	3	0	3																								3		
2012 OCO	USAF	1	0	1																								1		
<b>TOTAL</b>		<b>14</b>	<b>2</b>	<b>12</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4</b>						
					OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP		
ITEM/MANUFACTURER'S NAME					LOCATION		PRODUCTION RATES			PROCUREMENT LEAD TIME																				
							MSR	ECON	MAX	ADMIN LEAD TIME				MFG. PLT	TOTAL AFTER 1 OCT															
US Army					Redstone, AL					PRIOR 1 OCT		AFTER 1 OCT																		
										INITIAL		4		25	29															
										REORDER																				

**REMARKS**  
The notional delivery dates listed are for green UH-60M aircraft purchased through the Army via MIPR. Additional contracts will be in place to configure the aircraft with rescue mission equipment.

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<b>Exhibit P-40, Budget Item Justification</b>	Date: February 2011
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 25</b>	P-1 Line Item Nomenclature <b>Light Attack Armed Recon Acft</b>

Program Element for Code B Items				Other Related Program Elements									
	ID Code	Prior Years	FY 2010	FY 2011	FY 2012	FY 2012 OCO	FY 2012 Total	FY 2013	FY 2014	FY 2015	FY 2016	To Comp	Total
Proc Qty	A	0			9		9	6				0	15
Total Proc Cost(\$ M)		0.000	0.000	0.000	158.549	0.000	158.549	106.647	0.000	0.000	0.000	0.000	265.196

**Description**

This is a FY2012 new start.

The program funding includes reductions for overhead efficiencies that are not intended to impact program content. The efficiencies reductions total \$2.138 in FY12.

Light Attack Armed Reconnaissance (LAAR) program will acquire an aircraft with modifications to satisfy the requirement for conducting strike, armed reconnaissance and advanced aircraft training for Irregular Warfare (IW) operations in support of Building Partnership Capacity (BPC) for lesser developed partner nations (PN). This program provides a CONUS based capability to support irregular warfare efforts that help prepare PN to defend and govern themselves by demonstrating a light armed and reconnaissance capability that is consistent with their needs for supporting infrastructure, performance, anticipated methods of employment, acquisition and sustainment costs, and multi-role/multi-mission capability. LAAR is for training U.S. pilots to train PN pilots; not for USAF combat employment.

The LAAR Initial Capabilities Document (ICD) was approved at the 5 May 2010 Joint Capabilities (JCB). The program was validated with a "JCB Interest" Joint Potential Designator for the follow-on Capabilities Production Document (CPD).

Suitable aircraft will be certified for day/night Visual/Instrument Flight Rules (VFR/IFR) and will be overwater certifiable. Aircraft will be single engine, capable of burning JP-8 or Jet-A fuel, fixed wing, carry a crew of two, and capable of takeoff and landing from unimproved, austere surfaces.

**FY 2012 Program Justification**

To procure 9 light attack armed reconnaissance aircraft and associated support for USAF pilot training.

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<b>Exhibit P-5, Weapon System Cost Analysis</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 25</b>	P-1 Line Item Nomenclature <b>Light Attack Armed Recon Acft</b>
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Weapon System Cost Elements	Ident Code	Total Cost in Millions of Dollars											
		Prior Years			FY 2010			FY 2011			FY 2012		
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
Flyaway Cost	A										9	13.367	120.303
Other Government Costs	A												38.246
Training	B												[5.738]
Data	B												[0.623]
Support Equipment	B												[1.245]
Initial Spares	B												[12.451]
ECO & Other Program Costs	B												[12.451]
Mission Support/Planning	B												[5.738]
<b>TOTAL PROGRAM:</b>				0.000			0.000			0.000			158.549

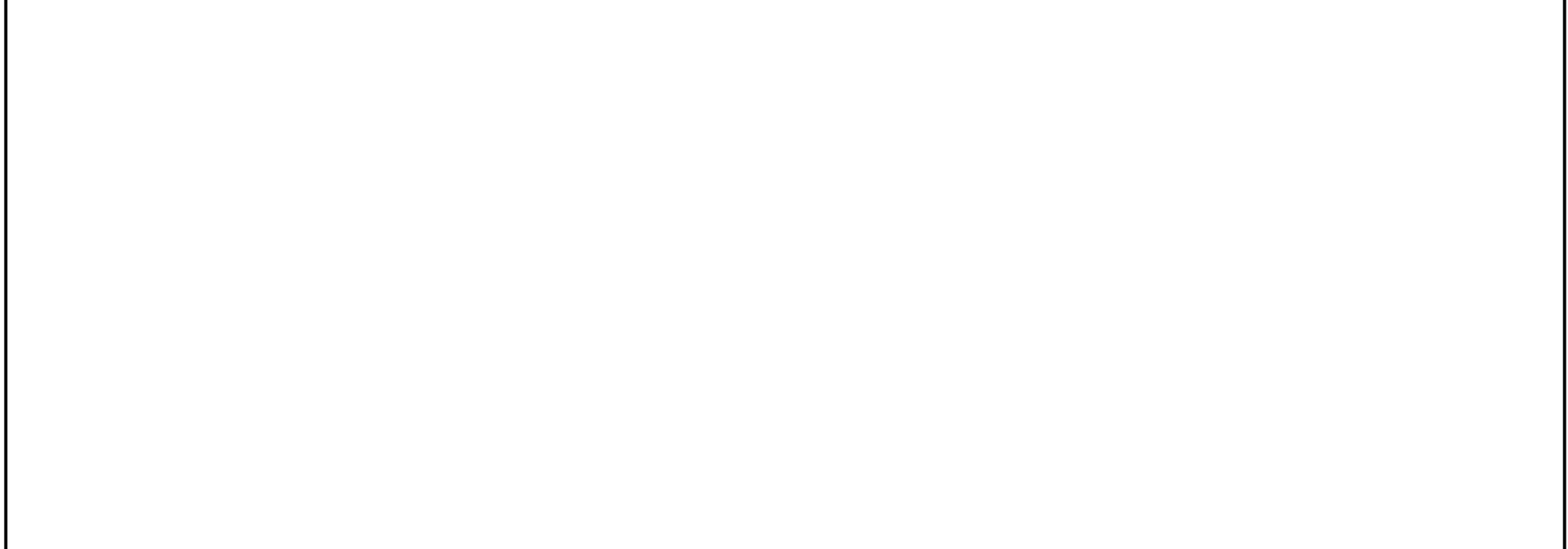
**Remarks**  
 The aircraft will be Non-Developmental Items (NDIs) going through Qualification Testing and Evaluation (QT&E) for Military Certification; airworthiness, weapon separation, and weapon envelope certification. Milestone entry for the program will occur at Milestone C planned for 2011 based on the July 2010 Acquisition Decision Memorandum (ADM) and the Initial Capabilities Document (ICD), Joint Capabilities (JCB) approved May 2010.

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<b>Exhibit P-5, Weapon System Cost Analysis</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 25</b>	P-1 Line Item Nomenclature <b>Light Attack Armed Recon Acft</b>
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Weapon System Cost Elements	Ident Code	Total Cost in Millions of Dollars					
		FY 2012 OCO			Cost to Complete		
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
Flyaway Cost	A						
Other Government Costs	A						
Training	B						
Data	B						
Support Equipment	B						
Initial Spares	B						
ECO & Other Program Costs	B						
Mission Support/Planning	B						
<b>TOTAL PROGRAM:</b>				0.000			0.000



<b>Exhibit P-5A, Procurement History and Planning</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/Bs/Item Control Number: <b>Aircraft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 25</b>	P-1 Line Item Nomenclature: <b>Light Attack Armed Recon Acft</b>
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<u><b>Weapon System</b></u>	Subline Item
Light Attack Armed Recon Acft	

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?
Flyaway Cost											
(2012)	9	13.367	ASC WPAFB OH	Jan-11	C	FFP	Unknown / Unknown	Dec-11	May-13	N	Sep-11
(2013)	6	13.680	ASC WPAFB OH	Jan-12	C	FFP	Unknown / Unknown	Dec-12	Nov-13	N	Sep-11

**Remarks**  
 The aircraft will be Non-Developmental Items (NDIs) going through Qualification Testing and Evaluation (QT\&E) for Military Certification; airworthiness, weapon separation, and weapon envelope certification. Milestone entry for the program will occur at Milestone C planned for 2011 based on the July 2010 Acquisition Decision Memorandum (ADM) and the Initial Capabilities Document (ICD), Joint Capabilities (JCB) approved May 2010.

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<b>Exhibit P-21, Production Schedule</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity - 04, Other Aircraft, Item No. 25</b>	P-1 Line Item Nomenclature <b>Light Attack Armed Recon Acft</b>
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PROC. YEAR	SERV.	PROC. QTY.	ACCEP. PRIOR TO 1 OCT. 2009	BALANCE DUE AS OF 1 OCT. 2009	FISCAL YEAR 2010												FISCAL YEAR 2011												L A T E R
					2009			CALENDAR YEAR 2010									CALENDAR YEAR 2011												
					OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
2012	USAF	9	0	9																								9	
2013	USAF	6		6																								6	
<b>TOTAL</b>		15	0	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	
					OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
ITEM/MANUFACTURER'S NAME					LOCATION		PRODUCTION RATES						PROCUREMENT LEAD TIME																
							MSR	ECON	MAX	ADMIN LEAD TIME				MFG. PLT	TOTAL AFTER 1 OCT														
Unknown					Unknown							PRIOR 1 OCT	AFTER 1 OCT																
													3	18	21														
												INITIAL																	
												REORDER																	

REMARKS





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<b>Exhibit P-40, Budget Item Justification</b>	Date: February 2011
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 26</b>	P-1 Line Item Nomenclature <b>RQ-11</b>

Program Element for Code B Items		Other Related Program Elements												
	N/A													
	<b>ID Code</b>	<b>Prior Years</b>	<b>FY 2010</b>	<b>FY 2011</b>	<b>FY 2012</b>	<b>FY 2012 OCO</b>	<b>FY 2012 Total</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>To Comp</b>	<b>Total</b>	
Proc Qty	A						0						0	
Total Proc Cost(\$ M)				9.380		0.000	0.000						9.380	

**Description**

FY 2011 funding totals include \$9.38M for Overseas Contingency Operations.

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

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

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

**FY 2012 Program Justification**

N/A

**UNCLASSIFIED**

<b>Exhibit P-5, Weapon System Cost Analysis</b>	Date: February 2011
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 26</b>	P-1 Line Item Nomenclature <b>RQ-11</b>

Weapon System Cost Elements	Ident Code	Total Cost in Millions of Dollars											
		Prior Years			FY 2010			FY 2011			FY 2012		
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
RQ-11 SUAS	A							50	0.188	9.380			
Avionics	A												
Armament													
Software													
Other Government Furnished Equipment (GFE)													
Engineering Change Orders (ECO)													
Nonrecurring Costs													
Other Costs													
<b>FLYAWAY COST SUBTOTAL</b>		[0]		[0.000]	[0]		[0.000]	[50]		[9.380]	[0]		[0.000]
Airframe Peculiar Ground Support Equipment (PGSE)													
Engine PGSE													
Peculiar Training Equipment													
Publications/Technical Data													
ECOs													
Other													
<b>SUPPORT COST SUBTOTAL</b>		[0]		[0.000]	[0]		[0.000]	[0]		[0.000]	[0]		[0.000]
<b>TOTAL PROGRAM:</b>				0.000			0.000			9.380			0.000

**Remarks**

**UNCLASSIFIED**

<b>Exhibit P-5, Weapon System Cost Analysis</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 26</b>	P-1 Line Item Nomenclature <b>RQ-11</b>
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Weapon System Cost Elements	Ident Code	Total Cost in Millions of Dollars					
		FY 2012 OCO			Cost to Complete		
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
RQ-11 SUAS	A						
Avionics	A						
Armament							
Software							
Other Government Furnished Equipment (GFE)							
Engineering Change Orders (ECO)							
Nonrecurring Costs							
Other Costs							
<b>FLYAWAY COST SUBTOTAL</b>		[0]		[0.000]	[0]		[0.000]
Airframe Peculiar Ground Support Equipment (PGSE)							
Engine PGSE							
Peculiar Training Equipment							
Publications/Technical Data							
ECOs							
Other							
<b>SUPPORT COST SUBTOTAL</b>		[0]		[0.000]	[0]		[0.000]
<b>TOTAL PROGRAM:</b>				0.000			0.000

<b>Exhibit P-5A, Procurement History and Planning</b>									Date: February 2011		
Appropriation (Treasury) Code/CC/BA/Bs/Item Control Number: <b>Aircraft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 26</b>									P-1 Line Item Nomenclature: <b>RQ-11</b>		
<u>Weapon System</u>						Subline Item					
RQ-11											
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?
RQ-11 SUAS											
	50	1.870	Hanscom AFB		DO		AeroVironment / Monrovia, CA	Nov-10	Oct-11	N	Sep-10
<u>Remarks</u>											
P-1 Shopping List Item No. 26						Procurement History and Planning Exhibit P-5A, page 4 of 6					





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<b>Exhibit P-40, Budget Item Justification</b>	Date: February 2011
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 27</b>	P-1 Line Item Nomenclature <b>STUASLO</b>

Program Element for Code B Items		N/A					Other Related Program Elements				0408011F			
	<b>ID Code</b>	<b>Prior Years</b>	<b>FY 2010</b>	<b>FY 2011</b>	<b>FY 2012</b>	<b>FY 2012 OCO</b>	<b>FY 2012 Total</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>To Comp</b>	<b>Total</b>	
Proc Qty	A						0						0	
Total Proc Cost(\$ M)			3.597	3.253	0.000	2.472	2.472	0.000	0.000	0.000	0.000		9.322	

**Description**

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

**FY 2012 Program Justification**

FY12 OCO funds will be used to procure SUASs that will increase Battlefield Airmen combat capability. The SUASs will address critical needs in find, fix, target, track and engagement of fleeting and/or high value battlefield targets.

**UNCLASSIFIED**

<b>Exhibit P-40A, Budget Item Justification for Aggregated Items</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 27</b>	P-1 Line Item Nomenclature <b>STUASL0</b>
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Weapon System Cost Elements	Ident Code	Total Cost in Millions of Dollars											
		Prior Years			FY 2010			FY 2011			FY 2012		
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
Unit Cost	A				33	0.109	3.597	33	0.099	3.253			
<b>TOTAL PROGRAM:</b>				0.000			3.597			3.253			0.000

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

**UNCLASSIFIED**

<b>Exhibit P-40A, Budget Item Justification for Aggregated Items</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 27</b>	P-1 Line Item Nomenclature <b>STUASL0</b>
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Weapon System Cost Elements	Ident Code	Total Cost in Millions of Dollars					
		FY 2012 OCO			Cost to Complete		
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
Unit Cost	A	22	0.112	2.472			
<b>TOTAL PROGRAM:</b>				2.472			0.000

<b>Exhibit P-5A, Procurement History and Planning</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/Bs/Item Control Number: <b>Aircraft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 27</b>	P-1 Line Item Nomenclature: <b>STUASL0</b>
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<b>Weapon System</b> WASP	Subline Item
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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?
Wasp											
(2010)	33	0.109	AFMC/ASC		OPT		AeroVironment / Simi Valley, CA	Feb-10	Mar-10	Y	
(2011)	33	0.099	AFMC/ASC	Jan-01	OPT		AeroVironment / Simi Valley, CA	Feb-11	Apr-11	Y	
(2012)	22	0.112	AFMC/ASC	Aug-10	C	FFP W/OPT	Unknown / TBD	Apr-12	Jul-12	Y	

**Remarks**  
Unit cost is an average based on different types/configurations being procured. Will reach Full Operational Capability (FOC) in FY11. Additional quantity being requested for FY12.







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<b>Exhibit P-40, Budget Item Justification</b>	Date: February 2011
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 28</b>	P-1 Line Item Nomenclature <b>Interim Gateway</b>

Program Element for Code B Items			Other Related Program Elements										
	ID Code	Prior Years	FY 2010	FY 2011	FY 2012	FY 2012 OCO	FY 2012 Total	FY 2013	FY 2014	FY 2015	FY 2016	To Comp	Total
Proc Qty	A	0					0					0	0
Total Proc Cost(\$ M)			18.000				0.000						18.000

**Description**

\$18M FY10 OCO funds procured one Bombardier Global Express BD-700 aircraft to host Interim Gateway payload (aka Battlefield Airborne Communications Node [BACN]). Provides data link and voice relay/translation, ensuring positive C3 in mountainous terrain. Deployed in support of Operation Enduring Freedom.

**FY 2012 Program Justification**

No funds requested.

**UNCLASSIFIED**

<b>Exhibit P-5, Weapon System Cost Analysis</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 28</b>	P-1 Line Item Nomenclature <b>Interim Gateway</b>
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Weapon System Cost Elements	Ident Code	Total Cost in Millions of Dollars											
		Prior Years			FY 2010			FY 2011			FY 2012		
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
Bombardier Global Express BD-700 (1)	A				1	18.000	18.000						
<b>TOTAL PROGRAM:</b>				0.000			18.000			0.000			0.000

**Remarks**

**UNCLASSIFIED**

<b>Exhibit P-5, Weapon System Cost Analysis</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 28</b>	P-1 Line Item Nomenclature <b>Interim Gateway</b>
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Weapon System Cost Elements	Ident Code	Total Cost in Millions of Dollars					
		FY 2012 OCO			Cost to Complete		
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
Bombardier Global Express BD-700 (1)	A				0	0.000	0.000
<b>TOTAL PROGRAM:</b>				0.000			0.000

<b>Exhibit P-5A, Procurement History and Planning</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/Bs/Item Control Number: <b>Aircraft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 28</b>	P-1 Line Item Nomenclature: <b>Interim Gateway</b>
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<u>Weapon System</u>	Subline Item
Interim Gateway	

WBS Cost Elements	Qty.	Unit Cost	Location of PCO	RFP Issue Date	Contract Method	Contract Type	Contractor and Location	Award Date	Date of First Delivery.	Specs Available Now?	Date Revision Available?
N/A							/				
(2010)	1	18.000	Hanscom AFB		Other		Bombardier Aerospace / Windsor, CT	Dec-09	Mar-10	Y	

**Remarks**



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<b>Exhibit P-40, Budget Item Justification</b>	Date: February 2011
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 29</b>	P-1 Line Item Nomenclature <b>Target Drones</b>

Program Element for Code B Items		Other Related Program Elements						0305116F					
	ID Code	Prior Years	FY 2010	FY 2011	FY 2012	FY 2012 OCO	FY 2012 Total	FY 2013	FY 2014	FY 2015	FY 2016	To Comp	Total
Proc Qty	A		0	9	0	0	0	15	18	20	25		87
Cost(\$ M)		N/A	74.481	85.505	64.268	0.000	64.268	126.913	150.390	110.174	128.228		N/A
Advance Proc Cost(\$ M)			0.000	0.000	0.000		0.000	0.000	0.000				0.000
Weapon System Cost(\$ M)		N/A	74.481	85.505	64.268	0.000	64.268	126.913	150.390	110.174	128.228	0.000	N/A
Initial Spares(\$ M)		N/A					0.000						N/A
Total Proc Cost(\$ M)		N/A	74.481	85.505	64.268	0.000	64.268	126.913	150.390	110.174	128.228	0.000	N/A
Flyaway Unit Cost(\$ M)							0.000						0.000
Wpn Sys Unit Cost(\$ M)							0.000						0.000

**Description**

Full-scale and subscale targets assure warfighters weapon systems will perform effectively against real-world enemy fighters and cruise missiles. Aerial Targets provide adherence to Public Law Title 10, Section 2366 "Live Fire/Lethality" developmental/operational test requirements. Target drones are used to validate operational missile/weapon system effectiveness and fighter Operational Flight Program (OFP) updates. Target drones are essential for development testing/operational testing for all air-to-air and surface-to-air missiles, and for the F-22A, F-35, F-18, F-16, F-15, etc., aircraft. The objective is to provide realistic targets for missile testing to enable the development of offensive counter-air systems (air-to-air and surface-to-air) capable of defeating changing enemy airborne threats. This program provides funds for the procurement of subscale target drones (BQM-167 Air Force Subscale Aerial Target--AFSAT), full-scale aerial targets (QF-4), the follow-on full-scale aerial target (QF-16), and includes procurement of prepositioned Government Furnished Property and Support Equipment. Procurement quantities are estimates only and fall within a range of prepriced options. Funding supports associated systems such as target control and scoring systems essential to aerial target operations. These targets and associated systems are required for Congressionally mandated testing and Air Force developmental and operational testing. Funding also provides for capabilities to extend the life of the full-scale aerial target which supports the requirement for threat-representative presentations.

P-40 quantities do not include AF Subscale drones.

The program has been funded to latest cost estimate, less efficiencies. The reductions in FY12 are not intended to impact program content. Reductions for efficiencies may be spread to other Air Force programs at a later date. Amounts of the reductions are: \$1.288M in FY12.

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

Note: The QF-16 Risk Reduction contract was awarded in Mar-10; production funding in FY11-12 required for prepositioned Government Furnished Property.

**FY 2012 Program Justification**

P-1 Shopping List Item No. 29

**Budget Item Justification**  
**Exhibit P-40, page 1 of 13**

UNCLASSIFIED

<b>Exhibit P-40, Budget Item Justification</b>	Date: February 2011
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 29</b>	P-1 Line Item Nomenclature <b>Target Drones</b>
<p>FY12 funds continue procurement and engineering changes for full-scale and subscale aerial targets required for development and operational testing requirements. Full-scale and subscale aerial targets support the AIM-120 and AIM-9 test programs, the F-22A and F-35 aircraft test programs, and upgrades for the Operational Flight Programs (OFP) for the F-18/F-16/F-15 aircraft. Funding required to ensure availability of full-scale targets during transition from QF-4 to QF-16 and begin procurement of prepositioned Government Furnished Property required for the follow-on full-scale QF-16 program.</p>	
P-1 Shopping List Item No. 29	<b>Budget Item Justification</b> <b>Exhibit P-40, page 2 of 13</b>

**UNCLASSIFIED**

<b>Exhibit P-5, Weapon System Cost Analysis</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 29</b>	P-1 Line Item Nomenclature <b>Target Drones</b>
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Weapon System Cost Elements	Ident Code	Total Cost in Millions of Dollars											
		Prior Years			FY 2010			FY 2011			FY 2012		
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
QF-4 FULL SCALE AERIAL TARGET FLYAWAY COST	A												
QF-4 Hardware Recurring	A												
Aircraft Drone Mod & Integration	A				8	2.138	17.104	9	1.845	14.760			
F-4 In Plant Repairs	A				8	0.100	0.800	9	0.115	0.920			
<b>TOTAL NON-RECURRING FLYAWAY COST</b>		[0]		[0.000]	[0]		[17.904]	[0]		[15.680]	[0]		[0.000]
Edwards AFB Backshop and MILSTRIP Support	A				8	0.050	0.400	9	0.050	0.400			
Aircraft Withdrawal/Aerospace Maintenance and Regeneration Group (AMARG)													
Restricted-Unmanned	A				5	1.470	7.350	9	1.525	12.200			
Unrestricted - Manned	A				3	1.525	4.575						
<b>TOTAL RECURRING FLYAWAY COST</b>		[0]		[0.000]	[32]		[12.325]	[32]		[12.600]	[0]		[0.000]
Engineering Change Orders/Engineering Change Proposals	A						2.304			0.599			1.225
FSAT Program Life Extension	A						1.517			1.740			1.450
Data/Tech Manuals	A						0.503			0.473			
Proposal Preparation	A						0.816						
<b>OTHER PRODUCTION COSTS</b>		[0]		[0.000]	[0]		[5.140]	[0]		[2.812]	[0]		[2.675]
Government Support	A						1.393			1.580			1.521
<b>PROGRAM SUPPORT COSTS</b>		[0]		[0.000]	[0]		[1.393]	[0]		[1.580]	[0]		[1.521]
<b>AIR FORCE SUBSCALE AERIAL TARGET</b>													
Production Article	A	0	N/A	N/A	38	0.812	30.856	41	0.871	35.711	27	0.982	26.514
ECP/ECO	A						1.760			3.585			1.914
Data/Tech Manuals/Training	A						0.353			0.356			0.356
Peculiar Support Equipment	A						3.560			1.080			0.172
<b>FLYAWAY COSTS</b>		[0]		N/A	[38]		[36.529]	[41]		[40.732]	[27]		[28.956]
Government Support	A						1.190			1.073			1.075
<b>SUPPORT COST SUBTOTAL</b>		[0]		[0.000]	[0]		[1.190]	[0]		[1.073]	[0]		[1.075]

P-1 Shopping List Item No. 29

**Weapon System Cost Analysis  
Exhibit P-5, page 3 of 13**

**UNCLASSIFIED**

Exhibit P-5, Weapon System Cost Analysis							Date: February 2011						
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. 29							Target Drones						
Weapon System Cost Elements	Ident Code	Total Cost in Millions of Dollars											
		Prior Years			FY 2010			FY 2011			FY 2012		
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
QF-16 FOLLOW-ON FULLSCALE TARGET													
Recurring Engineering Hardware	A												
Government Furnished Equipment	A												
Prepositioned GFP	A									11.028			30.041
GFE Out-of-Warranty Repair													
AMARG Aircraft Withdrawal													
Manned Aircraft													
Unmanned Aircraft													
Engine Refurbishment													
OC-ALC (Manned Engines)													
AMARG (Unmanned Engines)													
Recently Retired Engines													
RECURRING FLYAWAY COSTS		[0]		[0.000]	[0]		[0.000]	[0]		[11.028]	[0]		[30.041]
Engineering Change Orders/Engineering Change Proposals													
NONRECURRING FLYAWAY COSTS		[0]		[0.000]	[0]		[0.000]	[0]		[0.000]	[0]		[0.000]
Data/Technical Manuals													
Special Tooling/Special Test Equipment													
Peculiar Support Equipment													
Special Program Requirements													
OTHER PRODUCTION COSTS		[0]		[0.000]	[0]		[0.000]	[0]		[0.000]	[0]		[0.000]
Government Support													
PROGRAM SUPPORT COSTS		[0]		[0.000]	[0]		[0.000]	[0]		[0.000]	[0]		[0.000]
TOTAL PROGRAM:				N/A			74.481			85.505			64.268
<b>Remarks</b>													
Note: QF-16 unit cost is pre-MS B and will be further delineated in future documents as program progresses.													
P-1 Shopping List Item No. 29							Weapon System Cost Analysis Exhibit P-5, page 4 of 13						

**UNCLASSIFIED**

<b>Exhibit P-5, Weapon System Cost Analysis</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 29</b>	P-1 Line Item Nomenclature <b>Target Drones</b>
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Weapon System Cost Elements	Ident Code	Total Cost in Millions of Dollars					
		FY 2012 OCO			Cost to Complete		
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
QF-4 FULL SCALE AERIAL TARGET FLYAWAY COST	A						
QF-4 Hardware Recurring	A						
Aircraft Drone Mod & Integration	A						
F-4 In Plant Repairs	A						
<b>TOTAL NON-RECURRING FLYAWAY COST</b>		[0]		[0.000]	[0]		[0.000]
Edwards AFB Backshop and MILSTRIP Support	A						
Aircraft Withdrawal/Aerospace Maintenance and Regeneration Group (AMARG)							
Restricted-Unmanned	A						
Unrestricted - Manned	A						
<b>TOTAL RECURRING FLYAWAY COST</b>		[0]		[0.000]	[0]		[0.000]
Engineering Change Orders/Engineering Change Proposals	A						
FSAT Program Life Extension	A						
Data/Tech Manuals	A						
Proposal Preparation	A						
<b>OTHER PRODUCTION COSTS</b>		[0]		[0.000]	[0]		[0.000]
Government Support	A						
<b>PROGRAM SUPPORT COSTS</b>		[0]		[0.000]	[0]		[0.000]
<b>AIR FORCE SUBSCALE AERIAL TARGET</b>							
Production Article	A						
ECP/ECO	A						
Data/Tech Manuals/Training	A						
Peculiar Support Equipment	A						
<b>FLYAWAY COSTS</b>		[0]		[0.000]	[0]		[0.000]
Government Support	A						
<b>SUPPORT COST SUBTOTAL</b>		[0]		[0.000]	[0]		[0.000]

P-1 Shopping List Item No. 29

**Weapon System Cost Analysis  
Exhibit P-5, page 5 of 13**

**UNCLASSIFIED**

<b>Exhibit P-5, Weapon System Cost Analysis</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 29</b>	P-1 Line Item Nomenclature <b>Target Drones</b>
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Weapon System Cost Elements	Ident Code	Total Cost in Millions of Dollars					
		FY 2012 OCO			Cost to Complete		
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
QF-16 FOLLOW-ON FULLSCALE TARGET							
Recurring Engineering Hardware	A						
Government Furnished Equipment	A						
Prepositioned GFP	A						
GFE Out-of-Warranty Repair							
AMARG Aircraft Withdrawal							
Manned Aircraft							
Unmanned Aircraft							
Engine Refurbishment							
OC-ALC (Manned Engines)							
AMARG (Unmanned Engines)							
Recently Retired Engines							
RECURRING FLYAWAY COSTS		[0]		[0.000]	[0]		[0.000]
Engineering Change Orders/Engineering Change Proposals							
NONRECURRING FLYAWAY COSTS		[0]		[0.000]	[0]		[0.000]
Data/Technical Manuals							
Special Tooling/Special Test Equipment							
Peculiar Support Equipment							
Special Program Requirements							
OTHER PRODUCTION COSTS		[0]		[0.000]	[0]		[0.000]
Government Support							
PROGRAM SUPPORT COSTS		[0]		[0.000]	[0]		[0.000]
<b>TOTAL PROGRAM:</b>				0.000			0.000

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P-1 Shopping List Item No. 29

**Weapon System Cost Analysis  
Exhibit P-5, page 6 of 13**

<b>Exhibit P-5A, Procurement History and Planning</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/Bs/Item Control Number: <b>Aircraft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 29</b>	P-1 Line Item Nomenclature: <b>Target Drones</b>
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<b>Weapon System</b> Target Drones	Subline Item
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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?
(FULLSCALE - QF-4)											
(2010)	8	3.778	Eglin AFB		C	FFP	BAE SYSTEMS / MOJAVE, CA	Jun-10	Oct-10	Y	
(2011)	8	3.535	Eglin AFB		C	FFP	BAE SYSTEMS / MOJAVE, CA	Mar-11	Oct-11	Y	
(Subscale BQM-167A)											
(2010)	38	0.961	Eglin AFB		C	Option	Composite Engineering Inc. / Sacramento CA	Dec-09	May-11	Y	
(2011)	41	0.993	Eglin AFB		C	Option	Composite Engineering Inc. / Sacramento CA	Jan-11	May-12	Y	
(2012)	27	1.075	Eglin AFB		C	Option	Composite Engineering Inc. / Sacramento CA	Jan-12	May-13	Y	

**Remarks**  
FY11 is scheduled to be the last year for procuring QF-4 Full Scale Aerial Targets.





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<b>Exhibit P-21, Production Schedule</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity - 04, Other Aircraft, Item No. 29</b>	P-1 Line Item Nomenclature <b>Target Drones</b>
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PROC. YEAR	SERV.	PROC. QTY.	ACCEP. PRIOR TO 1 OCT. 2012	BALANCE DUE AS OF 1 OCT. 2012	FISCAL YEAR 2013												FISCAL YEAR 2014												L A T E R
					2012			CALENDAR YEAR 2013									CALENDAR YEAR 2014												
					OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
2011	USAF	9	0	9	1	1	1	1	1	1	1	1																	1
<b>TOTAL</b>		9	0	9	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
					OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
ITEM/MANUFACTURER'S NAME					LOCATION		PRODUCTION RATES						PROCUREMENT LEAD TIME																
							MSR	ECON	MAX	ADMIN LEAD TIME				MFG. PLT	TOTAL AFTER 1 OCT														
QF-4A/BAE SYSTEMS					Mojave, CA		1	1	3	PRIOR 1 OCT		AFTER 1 OCT																	
										INITIAL																			
										REORDER																			

REMARKS  
FY11 is scheduled to be the last year for procuring QF-4 Full Scale Aerial Targets.

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<b>Exhibit P-40, Budget Item Justification</b>	Date: February 2011
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 30</b>	P-1 Line Item Nomenclature <b>C-37</b>

Program Element for Code B Items		N/A					Other Related Program Elements					None	
	<b>ID Code</b>	<b>Prior Years</b>	<b>FY 2010</b>	<b>FY 2011</b>	<b>FY 2012</b>	<b>FY 2012 OCO</b>	<b>FY 2012 Total</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>To Comp</b>	<b>Total</b>
Proc Qty	A	1	1	2	3	0	3	0	0	0	0	0	7
Total Proc Cost(\$ M)		70.019	66.195	52.000	77.842	0.000	77.842	0.000	0.000	0.000	0.000	0.000	266.056

**Description**

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

**FY 2012 Program Justification**

FY2012 funding request purchases three C-37s leased from Gulfstream under Section 8133 of the FY2000 National Defense Appropriations Act. These three leased C-37s will be purchased as respective lease terms expire in FY2012. All leased C-37s support Combatant Commanders.

**UNCLASSIFIED**

<b>Exhibit P-5, Weapon System Cost Analysis</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 30</b>	P-1 Line Item Nomenclature <b>C-37</b>
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Weapon System Cost Elements	Ident Code	Total Cost in Millions of Dollars											
		Prior Years			FY 2010			FY 2011			FY 2012		
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
Aircraft Purchase	A	1	70.019	70.019	1	66.195	66.195						
Leased Aircraft Purchase	A							2	26.000	52.000	3	25.947	77.842
<b>TOTAL PROGRAM:</b>				70.019			66.195			52.000			77.842

**Remarks**  
 FY 2010 funding purchases a new aircraft. FY2011 funding purchased 2 leased aircraft and FY 2012 funding request purchases three C-37s leased from Gulfstream (Section 8133 of the FY2000 National Defense Appropriations Act). The three leased C-37s will be purchased as respective lease terms expire in FY2012. All leased C-37s support Combatant Commanders.

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<b>Exhibit P-5, Weapon System Cost Analysis</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 30</b>	P-1 Line Item Nomenclature <b>C-37</b>
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Weapon System Cost Elements	Ident Code	Total Cost in Millions of Dollars					
		FY 2012 OCO			Cost to Complete		
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
Aircraft Purchase	A						
Leased Aircraft Purchase	A						
<b>TOTAL PROGRAM:</b>				0.000			0.000

<b>Exhibit P-5A, Procurement History and Planning</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/Bs/Item Control Number: <b>Aircraft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 30</b>	P-1 Line Item Nomenclature: <b>C-37</b>
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<u>Weapon System</u> C-37A	Subline Item
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WBS Cost Elements	Qty.	Unit Cost	Location of PCO	RFP Issue Date	Contract Method	Contract Type	Contractor and Location	Award Date	Date of First Delivery.	Specs Available Now?	Date Revision Available?
C-37 Purchase											
(2010)	1	66.196	Oklahoma City, OK	Feb-10	SS	FFP	Gulfstream Aerospace / Savannah, GA	Apr-10	Sep-11	Y	
Leased C-37 Purchases											
(2011)	2	26.000	Oklahoma City, OK	Mar-11	SS	FFP	Gulfstream Aerospace / Savannah, GA	Apr-11	May-11	Y	
(2012)	3	26.000	Oklahoma City, OK	Dec-11	SS	FFP	Gulfstream Aerospace / Savannah, GA	Nov-11	Dec-11	Y	

**Remarks**  
None





**UNCLASSIFIED**

<b>Exhibit P-40, Budget Item Justification</b>	Date: February 2011
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 31</b>	P-1 Line Item Nomenclature <b>RQ-4</b>

Program Element for Code B Items		35220F						Other Related Program Elements				N/A	
	ID Code	Prior Years	FY 2010	FY 2011	FY 2012	FY 2012 OCO	FY 2012 Total	FY 2013	FY 2014	FY 2015	FY 2016	To Comp	Total
Proc Qty	A	34	4	4	3	0	3	3	3	1	1	13	66
Cost(\$ M)		2478.506	553.064	649.629	323.964	0.000	323.964	388.574	437.094	275.355	175.691	1357.651	6639.528
Advance Proc Cost(\$ M)		465.292	112.700	90.200	71.500		71.500	74.900	39.200	40.500	28.000	162.862	1085.154
Weapon System Cost(\$ M)		2943.798	665.764	739.829	395.464	0.000	395.464	463.474	476.294	315.855	203.691	1520.513	7724.682
Initial Spares(\$ M)		0.000	0.000	0.000	178.836	0.000	178.836	20.176	0.000	0.000	0.000	0.000	199.012
Total Proc Cost(\$ M)		2943.798	665.764	739.829	574.300	0.000	574.300	483.650	476.294	315.855	203.691	1520.513	7923.694
Flyaway Unit Cost(\$ M)		69.294	98.870	113.530	103.675	0.000	103.675	117.262	157.480	289.887	215.418	119.000	1284.416
Wpn Sys Unit Cost(\$ M)		86.582	166.471	184.957	131.821	0.000	131.821	154.491	158.765	315.855	203.691	116.963	1519.596

**Description**

Totals include funding for PRCP Program Number 252, Global Hawk.

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

This funding procures Global Hawk aircraft, payloads and ground and support segments.

The RQ-4A is an imagery-intelligence (IMINT) UAS designed to employ 2000 pounds of payload. The RQ-4A has one configuration - 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 comprise the integrated sensor suite (ISS).

The RQ-4B UAS is designed to employ 3000 pounds of payload and enable multi-intelligence (multi-INT) collecting. The RQ-4B has three configurations: Block 20, Block 30, and Block 40. The Block 20 employs upgraded SAR and EO/IR sensors - Enhanced ISS (EISS) - in an IMINT-only configuration. The Block 30 employs the same EISS sensors as the Block 20, and integrates a wide spectrum signals intelligence (SIGINT) sensor, the Advanced Signals Intelligence Program (ASIP). EISS and ASIP are used simultaneously to create a multi-INT platform. The Block 40 only integrates the Multi-Platform Radar Technology Insertion Program (MP-RTIP) radar. The user will ultimately determine the optimal mix of quantities and payloads for each aircraft configuration based on operational requirements. The ground segment includes the mission control element (MCE) and the launch and recovery element (LRE). The support segment includes aerospace ground equipment, tech orders, spares, support equipment, and training to enable operation of the Global Hawk System.

The Global Hawk program went through a Title 10, Section 2433 review in 2006 due to a unit cost breach (informally known as Nunn-McCurdy breach). The Department certified the program to Congress on June 5, 2006. As a result, the Department directed a program restructure to slow development and cap low rate initial production (LRIP) at 5 aircraft per year to reduce risk. LRIP will remain at 5 aircraft or less per year until successful completion of initial operational test and evaluation (IOT&E). An FY09 schedule breach

P-1 Shopping List Item No. 31

**Budget Item Justification**  
**Exhibit P-40, page 1 of 15**

<p><b>Exhibit P-40, Budget Item Justification</b></p>	<p align="right">Date: February 2011</p>
<p>Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number  <b>Aircraft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 31</b></p>	<p>P-1 Line Item Nomenclature  <b>RQ-4</b></p>
<p><b><u>Description Continued</u></b>          resulted in reduced procurement to accommodate schedule.</p> <p>Throughout the FYDP, the program will continue modernization to enhance the system to meet requirements as documented in updates to the Capability Development Document (CDD). During this time, the user will determine the optimal payload configuration and quantity for each aircraft based on current operational requirements.</p> <p>This program has associated Research Development Test and Evaluation funding in PE 0305220F, 0304260F, and 0207423F.</p> <p>Notes:          1) Prior to FY12, Initial Spares for the Global Hawk Program were included in the BP10 Weapon System Cost line. In FY12 and out, Initial Spares will be budgeted in BP16.          2) Flyaway Unit Cost includes the Common Ground Station in Prior Years and FY14-15. The Common Ground Station is an integral part of the UAV system, but not procured annually.</p> <p><b>FY 2012 Program Justification</b>          FY2012 Program Justification</p> <p>Procurement funding includes three Global Hawk RQ-4B aircraft with optimal payload configurations and quantity as determined by the user, integrated logistics support (to include initial spares, support equipment, technical data, etc.) other support requirements (training devices, etc.), acceptance testing, program management support, and related tasks.</p> <ol style="list-style-type: none"> <li>1. Block 10: No FY2012 funds requested</li> <li>2. Block 20: No FY2012 funds requested</li> <li>3. Block 30: FY2012 funds procure three aircraft</li> <li>4. Common Ground Station: No FY2012 funds requested</li> <li>5. Infrastructure Support (\$117.091M): Integrated Logistics Support (\$22.498), Program Management Support (\$0.243), ASIP sustainment (\$65.996), and Depot Activation (\$28.354)</li> </ol>	
<p align="center">P-1 Shopping List Item No. 31</p>	<p align="right"><b>Budget Item Justification</b>  <b>Exhibit P-40, page 2 of 15</b></p>

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<b>Exhibit P-5, Weapon System Cost Analysis</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 31</b>	P-1 Line Item Nomenclature <b>RQ-4</b>
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Weapon System Cost Elements	Ident Code	Total Cost in Millions of Dollars											
		Prior Years			FY 2010			FY 2011			FY 2012		
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
Global Hawk Block 10 <sup>1</sup>	A	7	46.425	324.974									
Global Hawk Block 20 <sup>1</sup>	A	6	54.463	326.777									
Global Hawk Block 30 <sup>1</sup>	A	14	68.299	956.180	2	102.853	205.706	2	118.480	236.960	3	103.675	311.025
Global Hawk Block 40 <sup>1</sup>	A	7	75.788	530.516	2	94.887	189.774	2	108.581	217.161			
Common Ground Station <sup>1</sup>	A	10	21.821	218.212									
Site Activation	A			1.699			37.204						
Depot Standup	A			45.035			23.503			27.935			23.903
Retrofit/Mod Equip	A												55.995
Spares	A			335.598			130.659			260.471			
Trainer	A			0.200									
Integrated Contractor Support	A			72.677									
Support Equip	A			58.504			18.741			19.421			22.498
PMA/Other Govt	A			14.828			0.329			0.231			0.243
A&AS	A			4.898			0.500			0.500			0.500
Adv Procurement - Credit	A			-411.592			-53.700			-113.049			-90.200
Adv Procurement - Debit	A			465.292			113.049			90.200			71.500
<b>TOTAL PROGRAM:</b>				2943.798			665.765			739.830			395.464

**Remarks**

- 1) Change in Unit Cost between FY2010 - 2011 is due to increase in ECO, Air Vehicle and ASIP Sensor.
- 2) Change in Unit Cost between FY2015 - 2016 is due to the reduction in DMS and ECO.

(1) Average Unit Cost includes Aircraft (which includes associated sensors), Ground Control Station, System Engineering and Program Management, tooling, acceptance test, etc.  
 (2) Infrastructure Support includes Integrated Logistics Support, Initial Spares, program management support and Depot Activation (Prior to FY12, Initial Spares were included in BP10).

**UNCLASSIFIED**

<b>Exhibit P-5, Weapon System Cost Analysis</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 31</b>	P-1 Line Item Nomenclature <b>RQ-4</b>
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Weapon System Cost Elements	Ident Code	Total Cost in Millions of Dollars					
		FY 2012 OCO			Cost to Complete		
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
Global Hawk Block 10 <sup>1</sup>	A						
Global Hawk Block 20 <sup>1</sup>	A						
Global Hawk Block 30 <sup>1</sup>	A				13	118.996	1546.954
Global Hawk Block 40 <sup>1</sup>	A						
Common Ground Station <sup>1</sup>	A						
Site Activation	A						
Depot Standup	A						
Retrofit/Mod Equip	A						
Spares	A						
Trainer	A						
Integrated Contractor Support	A						
Support Equip	A						
PMA/Other Govt	A						0.560
A&AS	A						1.000
Adv Procurement - Credit	A						-190.862
Adv Procurement - Debit	A						162.862
<b>TOTAL PROGRAM:</b>				0.000			1520.514

**UNCLASSIFIED**

Exhibit P-5A, Procurement History and Planning									Date: February 2011		
Appropriation (Treasury) Code/CC/BA/Bs/Item Control Number: <b>Aircraft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 31</b>									P-1 Line Item Nomenclature: <b>RQ-4</b>		
<u>Weapon System</u>						Subline Item					
RQ-4											
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?
Global Hawk Block 30							/				
(2010)	2	102.853	303 AESG/PK	Jun-09	SS	FPIF	Northrop Grumman / Rancho Bernardo, CA	Jan-11	May-12	Y	
(2011)	2	118.480	303 AESG/PK	Mar-10	SS	FPIF	Northrop Grumman / Rancho Bernardo, CA	Jul-11	Sep-13	Y	
(2012)	3	103.675	303 AESG/PK	Mar-10	SS	Option	Northrop Grumman / Rancho Bernardo, CA	Mar-12	Dec-13	Y	
(2012 OCO)							/				
(2013)	3	117.262	303 AESG/PK	Mar-10	SS	Option	Northrop Grumman / Rancho Bernardo, CA	Mar-13	Mar-15	Y	
(2014)	3	118.289					/				
(2015)	1	237.863					/				
(2016)	1	215.418					/				
Global Hawk Block 40							/				
(2010)	2	94.887	303 AESG/PK	Jun-09	SS	FPIF	Northrop Grumman / Rancho Bernardo, CA	Jan-11	Jul-13	Y	
(2011)	2	108.581	303 AESG/PK	Mar-10	SS	FPIF	Northrop Grumman / Rancho Bernardo, CA	Jul-11	Sep-13	Y	
(2012)							/				

<b>Exhibit P-5A, Procurement History and Planning</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/Bs/Item Control Number: <b>Aircraft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 31</b>	P-1 Line Item Nomenclature: <b>RQ-4</b>
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<b>Weapon System</b>	Subline Item
RQ-4	

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?
(2012 OCO)							/				
(2013)							/				
(2014)							/				
(2015)							/				
(2016)							/				
Common Ground Station\							/				
(2010)							/				
(2011)							/				
(2012)							/				
(2012 OCO)							/				
(2013)							/				
(2014)	8	14.696					/				
(2015)	2	26.012					/				

<b>Exhibit P-5A, Procurement History and Planning</b>							Date: February 2011				
Appropriation (Treasury) Code/CC/BA/Bs/Item Control Number: <b>Aircraft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 31</b>							P-1 Line Item Nomenclature: <b>RQ-4</b>				
<u>Weapon System</u>				Subline Item							
RQ-4											
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?
(2016)							/				
<b>Remarks</b>											
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.											
Note:											
1) Change in Unit Cost between FY2010 - 2011 is due to increase in ECO, Air Vehicle and ASIP Sensor.											
2) Change in Unit Cost between FY2015 - 2016 is due to the reduction in DMS and ECO.											
P-1 Shopping List Item No. 31							Procurement History and Planning Exhibit P-5A, page 7 of 15				



**UNCLASSIFIED**

<b>Exhibit P-21, Production Schedule</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity - 04, Other Aircraft, Item No. 31</b>	P-1 Line Item Nomenclature <b>RQ-4</b>
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PROC. YEAR	SERV.	PROC. QTY.	ACCEP PRIOR TO 1 OCT. 2011	BALAN CE DUE AS OF 1 OCT. 2011	FISCAL YEAR 2012												FISCAL YEAR 2013												L A T E R
					2011			CALENDAR YEAR 2012									CALENDAR YEAR 2013												
					OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
2009	USAF	2	1	1	1																							0	
<b>TOTAL</b>		<b>2</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
					OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
ITEM/MANUFACTURER'S NAME					LOCATION		PRODUCTION RATES			PROCUREMENT LEAD TIME																			
							MSR	ECON	MAX	ADMIN LEAD TIME		MFG. PLT	TOTAL AFTER 1 OCT																
GS/Northrop Grumman					Rancho Bernardo, CA		1	1-8-5	2	PRIOR 1 OCT	AFTER 1 OCT																		
										INITIAL	2	2	25	27															
										REORDER	2	2	25	27															

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

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<b>Exhibit P-21, Production Schedule</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity - 04, Other Aircraft, Item No. 31</b>	P-1 Line Item Nomenclature <b>RQ-4</b>
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PROC. YEAR	SERV.	PROC. QTY.	ACCEP PRIOR TO 1 OCT. 2013	BALAN CE DUE AS OF 1 OCT. 2013	FISCAL YEAR 2014												FISCAL YEAR 2015												L A T E R
					2013			CALENDAR YEAR 2014									CALENDAR YEAR 2015												
					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	
2011	USAF	4	1	3		1			1			1																0	
2012	USAF	3	0	3			1			1																		0	
2013	USAF	3	0	3																1						1	1		
<b>TOTAL</b>		<b>10</b>	<b>1</b>	<b>9</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1</b>	

ITEM/MANUFACTURER'S NAME	LOCATION	PRODUCTION RATES			PROCUREMENT LEAD TIME			
		MSR	ECON	MAX	ADMIN LEAD TIME		MFG. PLT	TOTAL AFTER 1 OCT
					PRIOR 1 OCT	AFTER 1 OCT		
Global Hawk / Northrop Grumman	Rancho Bernardo, CA	4	1-8-5	2				
					INITIAL			
					REORDER			

**REMARKS**  
All deliveries for the 2010 procurement year and beyond are considered projected and subject to change based on the needs of the Air Force. For example, production rate increases can result from increases in the number of shifts and/or shift hours.

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<b>Exhibit P-21, Production Schedule</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity - 04, Other Aircraft, Item No. 31</b>	P-1 Line Item Nomenclature <b>RQ-4</b>
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PROC. YEAR	SERV.	PROC. QTY.	ACCEP. PRIOR TO 1 OCT. 2015	BALANCE DUE AS OF 1 OCT. 2015	FISCAL YEAR 2016												FISCAL YEAR 2017												L A T E R
					2015					CALENDAR YEAR 2016							CALENDAR YEAR 2017												
					OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
2013	USAF	3	2	1		1																					0		
2014	USAF	3	0	3				1	1		1																0		
2015	USAF	1	0	1																				1			0		
<b>TOTAL</b>		<b>7</b>	<b>2</b>	<b>5</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	

ITEM/MANUFACTURER'S NAME	LOCATION	PRODUCTION RATES			PROCUREMENT LEAD TIME			
		MSR	ECON	MAX	ADMIN LEAD TIME		MFG. PLT	TOTAL AFTER 1 OCT
					PRIOR 1 OCT	AFTER 1 OCT		
Global Hawk / Northrop Grumman	Rancho Bernardo, CA	4	1-8-5	2				
					INITIAL			
					REORDER			

**REMARKS**  
All deliveries for the 2010 procurement year and beyond are considered projected and subject to change based on the needs of the Air Force. For example, production rate increases can result from increases in the number of shifts and/or shift hours.



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<b>Exhibit P-40, Budget Item Justification</b>	Date: February 2011
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 32</b>	P-1 Line Item Nomenclature <b>RQ-4 Advance Procurement</b>

Program Element for Code B Items		0305220F	Other Related Program Elements					N/A					
	<b>ID Code</b>	<b>Prior Years</b>	<b>FY 2010</b>	<b>FY 2011</b>	<b>FY 2012</b>	<b>FY 2012 OCO</b>	<b>FY 2012 Total</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>To Comp</b>	<b>Total</b>
Proc Qty	A						0						0
Cost(\$ M)		0.000	0.000	0.000	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.000
Advance Proc Cost(\$ M)		465.292	112.700	90.200	71.500	0.000	71.500	74.900	39.200	40.500	28.000	TBD	TBD
Weapon System Cost(\$ M)		465.292	112.700	90.200	71.500	0.000	71.500	74.900	39.200	40.500	28.000	TBD	TBD
Initial Spares(\$ M)		0.000					0.000					0.000	0.000
Total Proc Cost(\$ M)		465.292	112.700	90.200	71.500	0.000	71.500	74.900	39.200	40.500	28.000	TBD	TBD
Flyaway Unit Cost(\$ M)							0.000						0.000
Wpn Sys Unit Cost(\$ M)							0.000						0.000

**Description**

Totals include funding for PRCP Program Number 252, Global Hawk.

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

This advance procurement funding procures Global Hawk aircraft and payloads.

The RQ-4A is an imagery-intelligence (IMINT) UAS designed to employ 2000 pounds of payload. The RQ-4A has one configuration - 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 comprise the integrated sensor suite (ISS).

The RQ-4B UAS is designed to employ 3000 pounds of payload and enable multi-intelligence (multi-INT) collecting. The RQ-4B has three configurations: Block 20, Block 30, and Block 40. The Block 20 employs upgraded SAR and EO/IR sensors - Enhanced ISS (EISS) - in an IMINT-only configuration. The Block 30 employs the same EISS sensors as the Block 20, and integrates a wide spectrum signals intelligence (SIGINT) sensor, the Advanced Signals Intelligence Program (ASIP). EISS and ASIP are used simultaneously to create a multi-INT platform. The Block 40 only integrates the Multi-Platform Radar Technology Insertion Program (MP-RTIP) radar. The user will ultimately determine the optimal mix of quantities and payloads for each aircraft configuration based on operational requirements. The ground segment includes the mission control element (MCE) and the launch and recovery element (LRE). The support segment includes aerospace ground equipment, tech orders, spares, support equipment, and training to enable operation of the Global Hawk System.

The Global Hawk program went through a Title 10, Section 2433 review in 2006 due to a unit cost breach (informally known as Nunn-McCurdy breach). The Department certified the program to Congress on June 5, 2006. As a result, the Department directed a program restructure to slow development and cap low rate initial production (LRIP) at 5 aircraft

<b>Exhibit P-40, Budget Item Justification</b>	Date: February 2011
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 32</b>	P-1 Line Item Nomenclature <b>RQ-4 Advance Procurement</b>
<p><b>Description Continued</b></p> <p>per year to reduce risk. LRIP will remain at 5 aircraft or less per year until successful completion of initial operational test and evaluation (IOT&amp;E). An FY09 schedule breach required reduced procurement to accommodate schedule.</p> <p>Prior to FY12, initial spares for the Global Hawk Program were included in the BP10 Weapon System Cost line. In FY12 and out, Initial Spares will be budgeted in BP16.</p> <p>Throughout the FYDP, the program will continue modernization to enhance the system to meet requirements as documented in updates to the Capability Development Document (CDD). During this time, the user will determine the optimal payload configuration and quantity for each aircraft based on current operational requirements.</p> <p>This program has associated Research Development Test and Evaluation funding in PE 0305220F, 0304260F, and 0207423F.</p> <p><b>FY 2012 Program Justification</b></p> <p>FY12 advance procurement supports aircraft produced beginning in FY13 and delivered beginning in FY14. The advance procurement includes three (3) Block 30 Global Hawk RQ-4B aircraft (with optimal payload configurations and quantity as determined by the user) and associated support systems.</p> <ol style="list-style-type: none"> <li>1. Block 10: No FY2012 funds requested.</li> <li>2. Block 20: No FY2012 funds requested.</li> <li>3. Block 30: FY2012 funds support advance procurement for three (3) Block 30M aircraft which includes three (3) EISS and three (3) ASIP sensors based on supplier amounts required to meet the Lot 12 manufacturing schedule.</li> </ol>	
P-1 Shopping List Item No. 32	<b>Budget Item Justification</b> <b>Exhibit P-40, page 2 of 4</b>

**Exhibit P-10 p.1. Advance Procurement Requirements Analysis  
(Page 1 – Funding)**

Date: February 2011

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

**Aircraft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 32**

P-1 Line Item Nomenclature

**RQ-4 Advance Procurement**

Weapon System	First System Award Date	First System Completion Date	Interval Between Systems
HAE_AP	Jan-10	Jan-10	

(\$ in Millions)

Description	PLT	When Rqd	Prior Years	FY 2010	FY 2011	FY 2012	FY 2012 OCO	FY 2013	FY 2014	FY 2015	FY 2016	To Comp	Total
End Item Qty			38	4	3	3		3	1	1	6	7	66
CFE			444.946	113.049	90.200	71.500		74.900	39.200	40.500	28.000	162.862	1065.157
Engines													0.000
GFE													0.000
EOQ													0.000
Design													0.000
Term Liability													0.000
<b>TOTAL AP</b>			444.946	113.049	90.200	71.500	0.000	74.900	39.200	40.500	28.000	162.862	1065.157

P-1 Shopping List Item No. 32

**Advance Procurement Requirements Analysis  
(Page 1 - Funding)**

**Exhibit P-10, p. 1, page 3 of 4**

**Exhibit P-10 p.2. Advance Procurement Requirements Analysis  
(Page 2 – Budget Justification)**

Date: February 2011

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

**Aircraft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 32**

P-1 Line Item Nomenclature

**RQ-4 Advance Procurement**

Weapon System

HAE\_AP

(TOA, \$ in Millions)

Description	PLT	QPA	Unit Cost	2010 QTY	2010 Contract Forecast Date	2010 Total Cost Request	2011 QTY	2011 Contract Forecast Date	2011 Total Cost Request	2012 QTY	2012 Contract Forecast Date	2012 Total Cost Request	2012 OCO Contract Forecast Date	2012 OCO Total Cost Request
End Item				4	May-10	552.833	4	Mar-11	649.629	3	Apr-12	371.781		
CFE				4		113.049	4		90.200	3		71.500		
GFE														
EOQ														
Design														
Term Liability														
TOTAL AP						113.049			90.200			71.500		0.000

**Description**

P-1 Shopping List Item No. 32

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

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<b>Exhibit P-40, Budget Item Justification</b>	Date: February 2011
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 33</b>	P-1 Line Item Nomenclature <b>AC-130 Recap</b>

Program Element for Code B Items	N/A	Other Related Program Elements	PE 0207224F HC-130 Recap; PE 0207230F MC-130 Recap
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	ID Code	Prior Years	FY 2010	FY 2011	FY 2012	FY 2012 OCO	FY 2012 Total	FY 2013	FY 2014	FY 2015	FY 2016	To Comp	Total
Proc Qty	A				1	0	1	2	5	8	0		16
Cost(\$ M)			0.000	0.000	108.470	0.000	108.470	183.970	496.429	772.143	19.571		1580.583
Advance Proc Cost(\$ M)				9.932	0.000	0.000	0.000	0.000	0.000	0.000	0.000		9.932
Weapon System Cost(\$ M)		0.000	0.000	9.932	108.470	0.000	108.470	183.970	496.429	772.143	19.571	0.000	1590.515
Initial Spares(\$ M)							0.000						0.000
Total Proc Cost(\$ M)		0.000	0.000	9.932	108.470	0.000	108.470	183.970	496.429	772.143	19.571	0.000	1590.515
Flyaway Unit Cost(\$ M)					78.407		78.407	81.466	83.098	84.843			327.814
Wpn Sys Unit Cost(\$ M)					108.470		108.470	91.985	99.286	96.518			396.259

**Description**

The AC-130 Recap Program does not have a PRCP Program Number.

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

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

The program funding includes reductions for Overhead Reduction efficiencies that are not intended to impact program content. The efficiencies reductions total \$1.611M in FY12.

Advance procurement funding ended in FY11.

**FY 2012 Program Justification**

The FY 2012 budget supports the production of 1 aircraft. In addition, the budget provides for logistics support, a training device, and program management support.

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<b>Exhibit P-5, Weapon System Cost Analysis</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 33</b>	P-1 Line Item Nomenclature <b>AC-130 Recap</b>
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Weapon System Cost Elements	Ident Code	Total Cost in Millions of Dollars											
		Prior Years			FY 2010			FY 2011			FY 2012		
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
Airframe/Engines/Accessories	A										1	73.049	73.049
Government Furnished Equipment (GFE)	A												5.358
<b>FLYAWAY COST SUBTOTAL</b>		[0]		[0.000]	[0]		[0.000]	[0]		[0.000]	[1]		[78.407]
Airframe Peculiar Ground Support Equipment (PGSE)	A												0.500
Peculiar Training Equipment	A												28.000
Publications/Technical Data	A												
Diminishing Manufacturing Sources	A												1.646
Interim Contractor Support (ICS)	A												
Interim Supply Support (ISS)	A												8.149
Data	A												
Post Delivery Support	A												
Organic Depot Support	A												
A&AS	A												0.000
Other Government Costs	A												1.700
<b>SUPPORT COST SUBTOTAL</b>		[0]		[0.000]	[0]		[0.000]	[0]		[0.000]	[0]		[39.995]
Advance Procurement (Credit)	A												-9.932
Advance Procurement	A									9.932			0.000
<b>TOTAL PROGRAM:</b>				0.000			0.000			9.932			108.470

**Remarks**

The AC-130J delivered by the USAF to USSOCOM has the same configuration as the MC-130J

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<b>Exhibit P-5, Weapon System Cost Analysis</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 33</b>	P-1 Line Item Nomenclature <b>AC-130 Recap</b>
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Weapon System Cost Elements	Ident Code	Total Cost in Millions of Dollars					
		FY 2012 OCO			Cost to Complete		
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
Airframe/Engines/Accessories	A				0	0.000	0.000
Government Furnished Equipment (GFE)	A						0.000
<b>FLYAWAY COST SUBTOTAL</b>		[0]		[0.000]	[0]		[0.000]
Airframe Peculiar Ground Support Equipment (PGSE)	A						
Peculiar Training Equipment	A						
Publications/Technical Data	A						
Diminishing Manufacturing Sources	A						
Interim Contractor Support (ICS)	A						
Interim Supply Support (ISS)	A						
Data	A						
Post Delivery Support	A						
Organic Depot Support	A						
A&AS	A						
Other Government Costs	A						
<b>SUPPORT COST SUBTOTAL</b>		[0]		[0.000]	[0]		[0.000]
Advance Procurement (Credit)	A						
Advance Procurement	A						
<b>TOTAL PROGRAM:</b>				0.000			0.000













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<b>Exhibit P-40, Budget Item Justification</b>	Date: February 2011
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 33</b>	P-1 Line Item Nomenclature <b>AC-130 Recap AP</b>

Program Element for Code B Items	N/A	Other Related Program Elements	PE 0207224F HC-130 Recap; PE 0207230F MC-130 Recap
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	ID Code	Prior Years	FY 2010	FY 2011	FY 2012	FY 2012 OCO	FY 2012 Total	FY 2013	FY 2014	FY 2015	FY 2016	To Comp	Total
Proc Qty	A						0						0
Cost(\$ M)			0.000	0.000	0.000		0.000	0.000	0.000	0.000	0.000		0.000
Advance Proc Cost(\$ M)			0.000	9.932	0.000	0.000	0.000	0.000	0.000	0.000	0.000		9.932
Weapon System Cost(\$ M)		0.000	0.000	9.932	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.932
Initial Spares(\$ M)							0.000						0.000
Total Proc Cost(\$ M)		0.000	0.000	9.932	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.932
Flyaway Unit Cost(\$ M)							0.000						0.000
Wpn Sys Unit Cost(\$ M)							0.000						0.000

**Description**

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

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

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

**FY 2012 Program Justification**

Advance procurement funding ended in FY11.

**Exhibit P-10 p.1. Advance Procurement Requirements Analysis  
(Page 1 – Funding)**

Date: February 2011

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

**Aircraft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 33**

P-1 Line Item Nomenclature

**AC-130 Recap AP**

Weapon System	First System Award Date	First System Completion Date	Interval Between Systems
AC-130 Recap AP	Dec-11	Oct-14	

(\$ in Millions)

Description	PLT	When Rqd	Prior Years	FY 2010	FY 2011	FY 2012	FY 2012 OCO	FY 2013	FY 2014	FY 2015	FY 2016	To Comp	Total
End Item Qty						1						0	1
CFE					9.932							0.000	9.932
Engines													0.000
GFE													0.000
EOQ													0.000
Design													0.000
Term Liability													0.000
<b>TOTAL AP</b>			0.000	0.000	9.932	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.932

P-1 Shopping List Item No. 33

**Advance Procurement Requirements Analysis  
(Page 1 - Funding)**

**Exhibit P-10, p. 1, page 2 of 3**

**Exhibit P-10 p.2. Advance Procurement Requirements Analysis  
(Page 2 – Budget Justification)**

Date: February 2011

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

**Aircraft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 33**

P-1 Line Item Nomenclature

**AC-130 Recap AP**

Weapon System

AC-130 Recap AP

(TOA, \$ in Millions)

Description	PLT	QPA	Unit Cost	2010 QTY	2010 Contract Forecast Date	2010 Total Cost Request	2011 QTY	2011 Contract Forecast Date	2011 Total Cost Request	2012 QTY	2012 Contract Forecast Date	2012 Total Cost Request	2012 OCO Contract Forecast Date	2012 OCO Total Cost Request
End Item							1	Apr-11	9.932					
CFE							1	Apr-11	9.932					
GFE														
EOQ														
Design														
Term Liability														
TOTAL AP						0.000			9.932			0.000		0.000

**Description**

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

The Department of Defense directed the discontinuance of USAF C-130J advance procurement beginning in FY12.

P-1 Shopping List Item No. 33

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

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<b>Exhibit P-40, Budget Item Justification</b>	Date: February 2011
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 34</b>	P-1 Line Item Nomenclature <b>MQ-9</b>

Program Element for Code B Items			Other Related Program Elements										
	ID Code	Prior Years	FY 2010	FY 2011	FY 2012	FY 2012 OCO	FY 2012 Total	FY 2013	FY 2014	FY 2015	FY 2016	To Comp	Total
Proc Qty	A	84	24	48	48	0	48	48	48	48	48	0	396
Cost(\$ M)		1047.459	497.559	1079.595	813.092	0.000	813.092	1029.255	999.830	993.418	907.498	0.000	7367.706
Advance Proc Cost(\$ M)		0.000					0.000					0.000	0.000
Weapon System Cost(\$ M)		1047.459	497.559	1079.595	813.092	0.000	813.092	1029.255	999.830	993.418	907.498	0.000	7367.706
Initial Spares(\$ M)		304.201			191.211		191.211	136.403	79.930	102.596	0.000	62.400	876.741
Total Proc Cost(\$ M)		1351.660	497.559	1079.595	1004.303	0.000	1004.303	1165.658	1079.760	1096.014	907.498	62.400	8244.447
Flyaway Unit Cost(\$ M)		11.178	14.808	15.974	14.428		14.428	16.226	17.446	17.674	17.020	0.000	124.753
Wpn Sys Unit Cost(\$ M)		16.091	20.732	22.491	20.923		20.923	24.285	22.495	22.834	18.906	0.000	168.756

**Description**

FY 2011 funding totals include \$216M requested for Overseas Contingency Operations. Totals include funding for PRCP Program Number 424, MQ-9 Reaper.

The program has been funded to latest cost estimate, less efficiencies. The reductions for efficiencies are not intended to impact program content. Acquisition affordability efficiencies in the amounts of \$13.9M/FY15 and \$202.65M/FY16 have also been applied to this program.

MQ-9 Reaper procurement includes all components of the MQ-9 weapon system. The basic MQ-9 system consists of the aircraft, sensors, a ground control station, communications equipment, weapon kits, support equipment, simulator and training devices, initial spares/deployment support kits, 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 (RPA) designed to operate over-the-horizon at medium-to-high altitude for long endurance sorties. The aircraft is being designed primarily to prosecute critical emerging Time-Sensitive-Targets (TSTs) as a radar, EO/IR, and laser designator-based attack asset with on-board hard-kill capability (hunter-killer) while performing Intelligence, Surveillance, Reconnaissance and Target Acquisition (ISR TA). In the hunter-killer role, the aircraft will employ fused multi-spectral sensors to find, fix, and track ground targets (Automatic Target Cueing (ATC), Target Location Accuracy (TLA), Metric Sensor and other capabilities) and assess post-strike results.

The Ground Control Station (GCS) functions as the aircraft cockpit and can control the aircraft from either within line-of-sight (LOS) or beyond LOS (BLOS) via a combination of satellite relay and terrestrial communication architectures. The GCS is either mobile to support forward operating locations or fixed at a facility to support Remote Split Operations (RSO). The GCS has the capability to perform mission planning functions; provides a means for manual and/or autonomous command and control; allows 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;

P-1 Shopping List Item No. 34

**Budget Item Justification  
Exhibit P-40, page 1 of 43**

<p><b>Exhibit P-40, Budget Item Justification</b></p>	<p align="right">Date: February 2011</p>
<p>Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number  <b>Aircraft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 34</b></p>	<p>P-1 Line Item Nomenclature  <b>MQ-9</b></p>
<p><b><u>Description Continued</u></b></p> <p>display common operational picture information; and provide support functions. Additionally, a Launch and Recovery GCS (LRGCS) allows for servicing, systems checks, maintaining, launching, and recovering aircraft under LOS control for hand-off to a mobile or fixed GCS. The GCS will continue to evolve and upgrade its capabilities to keep pace with MQ-9 system capabilities, CONOPS, and the missions they perform. A Multiple Aircraft Control (MAC) GCS configuration variant is being developed that will provide control of multiple aircraft and payloads. Near-term upgrades include Block 30 (new LINUX processors, high definition monitors, ergonomic improvements) and Block 50 upgrades that integrate improved human-machine interfaces, open systems architecture, and improved crew habitability.</p> <p>MQ-9s are procured sole-source with General Atomics-Aeronautical Systems Inc. (GA-ASI), Raytheon, and L3Comm as the prime contractors (development, production, integration, depot).</p> <p>This program has associated Research Development Test and Evaluation AF funding in PEs 0305219F MQ-1 Predator UAV, 0305206F Airborne Reconnaissance Systems, 0304260F Airborne SIGINT Enterprise, and 0604429F Airborne Electronic Attack and associated APAF funding in 0305206F Airborne Reconnaissance Systems, and 0604429F Airborne Electronic Attack.</p> <p><b>FY 2012 Program Justification</b></p> <p>A. MQ-9 Reaper Aircraft &amp; GFE - FY 2012 funding will procure 48 Blk 5 MQ-9 Reaper aircraft and associated, MTS-B Electro-Optical/Infra-Red (EO/IR) Sensors, Lynx Synthetic Aperture Radar (SAR) Sensors and Hellfire Launchers and Rails. MQ-9 unit cost increases in FY12 due to transition to the Block 5 configuration.</p> <p>B. Advanced Sensors - FY 2012 funding will procure four ASIP-2C SIGINT sensors and includes non-recurring tooling to stand up the ASIP-2C SIGINT sensor production line.</p> <p>C. Production Support - FY 2012 funding included in Production Support consists of funding for Engineering Change Orders (ECO). Production Support includes funding to account for non-recurring production costs associated with diminishing manufacturing sources as well as R&amp;M and safety enhancements cut into production.</p> <p>D. Fixed Ground Control Station &amp; GFE - FY 2012 funding will procure 2 fixed Ground Control Stations used for both MQ-1 and MQ-9 operations to support the standup, fielding, and sustainment of 65 Combat Air Patrols (CAPs). This effort procures fixed Ground Control Stations (GCS). The GCS functions as the aircraft cockpit and can control the aircraft from either within line-of-sight (LOS) or beyond LOS (BLOS) via a combination of satellite relay and terrestrial communication architectures. Fixed GCS are used primarily to support Remote Split Operations (RSO) from Continental United States locations.</p> <p>E. Mobile Ground Control Station &amp; GFE - No FY 2012 funding requested. This effort will procure mobile Ground Control Stations (GCS). The Ground Control Station (GCS) functions as the aircraft cockpit and can control the aircraft from either within line-of-sight (LOS) or beyond LOS (BLOS) via a combination of satellite relay and terrestrial communication architectures. Mobile GCS are primarily used at to support forward operating locations. Ground Control Stations are used for both MQ-1 and MQ-9 operations.</p> <p>F. Dual Ground Control Station &amp; GFE - No FY 2012 funding requested. This effort will procure Dual Ground Control Stations (GCS). The GCS functions as the aircraft cockpit and can control the aircraft from either within line-of-sight (LOS) or beyond LOS (BLOS) via a combination of satellite relay and terrestrial communication architectures.</p>	
<p align="center">P-1 Shopping List Item No. 34</p> <p align="right"><b>Budget Item Justification</b>  <b>Exhibit P-40, page 2 of 43</b></p>	

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<b>Exhibit P-40, Budget Item Justification</b>	Date: February 2011
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 34</b>	P-1 Line Item Nomenclature <b>MQ-9</b>
<p>The Dual GCS houses two independent cockpits. Ground Control Stations are used for both MQ-1 and MQ-9 operations.</p> <p>G. Ground Data Terminals - FY 2012 funding will procure 65 Ground Data Terminals (GDTs) which are required for Line Of Sight (LOS) Command and Control Communications in support of takeoff and landing operations for both MQ-1 and MQ-9</p> <p>H. Primary Predator Satellite Link (PPSL) - This effort will procure SATCOM equipment required to support Remote Split Operations (RSO) for the MQ-9 Reaper and MQ-1 Predator.</p> <p>I. OGC - FY 2012 funding for Other Government Costs includes Program Management Administration costs for the program office such as: A&amp;AS contractor support, Management Information System (MIS) support, facility maintenance, travel, training, security and facility management.</p> <p>J. A&amp;AS - FY 2012 funding for Advisory and Assistance Services procures program management, logistics, integration and test, and administration support services.</p> <p>K. Ka Migration - No FY12 funding requested. Ka Migration enables the use of the government owned Ka satellite communication network. The requirement identified is the procurement of ground based satellite terminals.</p> <p>L. Initial Spares/Deployment Support Kits - No FY 2012 funding requested. Initial Spares and Deployment Support Kit costs vary based on support kit content and initial spares requirements, deployed location, ops tempo, and flight hours. Initial Spares budget transitions to 3010 BP16 in FY2012.</p> <p>M. Support Equipment - FY 2012 funding will procure Support Equipment to include testing, technical data, training devices and other support equipment required for testing and operation of the system.</p> <p>N. Training Device/Simulator - FY 2012 funding will procure 23 Predator Aircrew Mission Training Simulators (PMATS), MSN Coordinator Sim Units, and Brief/Debrief Stations to support aircrew training.</p> <p>O. Fielding Support - No FY 2012 funding requested.</p> <p>The program will execute a buy-to-budget strategy as appropriate and in accordance with Title 10U.S.C. 2308.</p>	
P-1 Shopping List Item No. 34	<b>Budget Item Justification</b> <b>Exhibit P-40, page 3 of 43</b>

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<b>Exhibit P-5, Weapon System Cost Analysis</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 34</b>	P-1 Line Item Nomenclature <b>MQ-9</b>
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Weapon System Cost Elements	Ident Code	Total Cost in Millions of Dollars											
		Prior Years			FY 2010			FY 2011			FY 2012		
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
MQ-9 Reaper Aircraft & GFE	A	84	9.226	774.990	24	10.401	249.643	48	10.801	518.467	48	12.124	581.970
Advanced Sensors	A									18.283	4	3.293	29.480
Production Support	A					71.513				152.769			48.380
Fixed Ground Control Station & GFE	A			95.830	7	1.995	13.691	13	2.010	26.130	2	2.135	4.270
Mobile Ground Control Station & GFE	A				5	2.754	13.770	10	3.017	30.170			
Dual Ground Control Station & GFE	A				2	3.384	6.768	5	4.183	20.914			
Ground Data Terminals	A	60	0.321	19.284							65	0.388	25.200
Primary Predator Satellite Link (PPSL)	A	10	4.884	48.840							1	3.240	3.240
<b>FLYAWAY COST SUBTOTAL</b>		[154]	6.097	[938.944]	[38]	9.352	[355.385]	[76]	10.089	[766.733]	[120]	5.771	[692.540]
OGC	A			3.513			4.374			33.545			23.513
A&AS	A			8.197			5.925			5.216			4.587
Ka Migration	A												
Initial Spares/Deployment Support Kits	A			304.201			106.107			184.187			
Support Equipment	A			96.805			25.768			41.044			43.982
Training Device/Simulator	A							25	1.955	48.870	23	2.107	48.470
Fielding Support	A												
<b>TOTAL PROGRAM:</b>				1351.660			497.559			1079.595			813.092

**Remarks**

MQ-9 Reaper unit cost increases in FY12 due to the transition to the Block 5 configuration and in FY13 due to the HD 1080p upgrade to the MTS-B EO/IR sensor.

Fixed/Mobile/Dual Ground Control Stations are used for both MQ-1 and MQ-9 operations.

Advanced Sensors is the procurement of ASIP-2C SIGINT sensors.

Prior year Production Support Costs (which includes ECO) were completely utilized.

Flyaway cost subtotal includes Ground Control Stations, Ground Data Terminals (GDTs), and Predator Primary Satellite Links (PPSLs) which are not procured in the same quantities as aircraft. Thus, the flyaway cost will fluctuate from year to year as different numbers of Ground Control Stations, GDTs, and PPSLs are procured.

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<b>Exhibit P-5, Weapon System Cost Analysis</b>	Date: February 2011
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 34</b>	P-1 Line Item Nomenclature <b>MQ-9</b>
<b>Remarks Continued</b>	
Best estimate of total Full-Time Contractor Employees (FTEs) requested in FY12 is 18 for cost category "A&AS".	
P-1 Shopping List Item No. 34	<b>Weapon System Cost Analysis</b> Exhibit P-5, page 5 of 43

**UNCLASSIFIED**

<b>Exhibit P-5, Weapon System Cost Analysis</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 34</b>	P-1 Line Item Nomenclature <b>MQ-9</b>
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Weapon System Cost Elements	Ident Code	Total Cost in Millions of Dollars					
		FY 2012 OCO			Cost to Complete		
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
MQ-9 Reaper Aircraft & GFE	A					N/A	
Advanced Sensors	A					N/A	
Production Support	A				N/A		
Fixed Ground Control Station & GFE	A					N/A	
Mobile Ground Control Station & GFE	A					N/A	
Dual Ground Control Station & GFE	A					N/A	
Ground Data Terminals	A					N/A	
Primary Predator Satellite Link (PPSL)	A					N/A	
<b>FLYAWAY COST SUBTOTAL</b>		[0]		[0.000]	N/A	N/A	[0.000]
OGC	A				N/A		
A&AS	A				N/A		
Ka Migration	A				N/A		
Initial Spares/Deployment Support Kits	A				N/A		
Support Equipment	A				N/A		
Training Device/Simulator	A				N/A		
Fielding Support	A				N/A		
<b>TOTAL PROGRAM:</b>				0.000			0.000

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<b>Exhibit P-5A, Procurement History and Planning</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/Bs/Item Control Number: <b>Aircraft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 34</b>	P-1 Line Item Nomenclature: <b>MQ-9</b>
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<b>Weapon System</b> MQ-9	Subline Item
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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?
Fixed Ground Control Station & GFE							/				
(2010)	7	1.995	ASC WPAFB OH	Feb-10	SS	FFP	General Atomics Poway / CA	Jul-11	Nov-11	Y	
(2011)	13	2.010	ASC WPAFB OH	Feb-10	SS	FFP	General Atomics Poway / CA	Jul-11	Dec-12	Y	
(2012)	2	2.135	ASC WPAFB OH	Jan-11	SS	FFP	General Atomics Poway / CA	Jan-12	Jul-13	Y	
Mobile Ground Control Station & GFE							/				
(2010)	5	2.754	ASC WPAFB OH	Feb-10	SS	FFP	General Atomics Poway / CA	Jul-11	Dec-11	Y	
(2011)	10	3.017	ASC WPAFB OH	Feb-10	SS	FFP	General Atomics Poway / CA	Jul-11	Oct-12	Y	
Dual Ground Control Stations & GFE							/				
(2010)	2	3.384	ASC WPAFB OH	Feb-10	SS	FFP	General Atomics Poway / CA	Jul-11	Jan-13	Y	
(2011)	5	4.183	ASC WPAFB OH	Feb-10	SS	FFP	General Atomics Poway / CA	Jul-11	Apr-13	Y	
Ground Data Terminals							/				
(2008)	60	0.321	ASC WPAFB OH	Feb-10	SS	FFP	General Atomics Poway / CA	Sep-10	Apr-11	Y	
(2010)							/				

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Exhibit P-5A, Procurement History and Planning									Date: February 2011		
Appropriation (Treasury) Code/CC/BA/Bs/Item Control Number: <b>Aircraft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 34</b>									P-1 Line Item Nomenclature: <b>MQ-9</b>		
<u>Weapon System</u>						Subline Item					
MQ-9											
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?
(2011)							/				
(2012)	65	0.388	ASC WPAFB OH	Jan-11	SS	FFP	General Atomics Poway / CA	Jan-12	Dec-12	Y	
MQ-9 Reaper Aircraft							/				
(2009)	24	10.410	ASC WPAFB OH	Sep-08	SS	FFP	General Atomics Poway / CA	Jan-10	Aug-10	Y	
(2010)	24	10.405	ASC WPAFB OH	Dec-09	SS	FFP	General Atomics Poway / CA	Jan-11	Nov-11	Y	
(2011)	48	10.801	ASC WPAFB OH	May-10	SS	FFP	General Atomics Poway / CA	Jun-11	Aug-12	Y	
(2012)	48	12.124	ASC WPAFB OH	May-10	SS	FFP	General Atomics Poway / CA	Dec-11	Aug-13	Y	
Training Device/Simulator							/				
(2010)							/				
(2011)	25	1.955	ASC WPAFB OH	Feb-11	C	FFP	TBD / TBD	Dec-11	Dec-12	Y	
(2012)	23	2.107	ASC WPAFB OH	Feb-11	OPT		TBD / TBD	Dec-11	Dec-13	Y	
Advanced Sensors							/				
(2010)							/				









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<b>Exhibit P-21, Production Schedule</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity - 04, Other Aircraft, Item No. 34</b>	P-1 Line Item Nomenclature <b>MQ-9</b>
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PROC. YEAR	SERV.	PROC. QTY.	ACCEP PRIOR TO 1 OCT. 2011	BALAN CE DUE AS OF 1 OCT. 2011	FISCAL YEAR 2012												FISCAL YEAR 2013												L A T E R
					2011			CALENDAR YEAR 2012									CALENDAR YEAR 2013												
					O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	
2008	USAF	28	24	4	3				1																			0	
2009	USAF	24	24	0																								0	
2010	USAF	24	0	24		3	3	2	3	3	2	3	3	2														0	
2011	USAF	48	0	48										4	4	4	4	4	4	4	4	4	4	4	4	4	4	0	
2012	USAF	48	0	48																					4	4	40		
<b>TOTAL</b>		172	48	124	3	3	3	3	3	3	2	3	3	2	4	4	4	4	4	4	4	4	4	4	4	4	4	40	

ITEM/MANUFACTURER'S NAME	LOCATION	PRODUCTION RATES			PROCUREMENT LEAD TIME																							
		MSR	ECON	MAX	ADMIN LEAD TIME		MFG. PLT	TOTAL AFTER 1 OCT																				
					PRIOR 1 OCT	AFTER 1 OCT																						
General Atomics Poway	CA	24	48	60																								
					INITIAL	9	3	21	24																			
					REORDER	12																						

**REMARKS**

MQ-9 REAPER AIRCRAFT: This effort will procure Blk 5 MQ-9 Reaper aircraft and associated MTS-B Electro-Optical/Infra-Red (EO/IR) Sensors, Lynx Synthetic Aperture Radar (SAR) Sensors and Hellfire Launchers and Rails.

Comment: The FY08 procurement shows 8 aircraft being delivered significantly later than the primary buy. This is caused by two events.

- The initial procurement was for 16 aircraft with FY08 funding, though 18 were authorized. Initial cost estimates indicated the Air Force would only be able to afford 16 aircraft. The program office negotiated a better per aircraft rate than was expected, so they procured the remaining two aircraft late in the year.
- The additional 6 aircraft were procured late in FY10 under the Buy-to-Budget provision, Title 10 U.S.C. 2308. This leveraged funds that were available based on the lower realized costs of the MQ-9s in the FY08 and FY09 procurements. These funds were used to procure additional aircraft to support Air Force plans to provide 65 combined (MQ-1/MQ-9) Combat Air Patrols by FY13.

The delivery dates for both these actions are based on the date of contract award and the ability of General Atomics to integrate additional aircraft builds into their production schedule.









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<b>Exhibit P-21, Production Schedule</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity - 04, Other Aircraft, Item No. 34</b>	P-1 Line Item Nomenclature <b>MQ-9</b>
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PROC. YEAR	SERV.	PROC. QTY.	ACCEP. PRIOR TO 1 OCT. 2011	BALANCE DUE AS OF 1 OCT. 2011	FISCAL YEAR 2012												FISCAL YEAR 2013												L A T E R
					2011			CALENDAR YEAR 2012									CALENDAR YEAR 2013												
					OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
2010	USAF	7	0	7		1	1								1	1	1	2									0		
2011	USAF	13	0	13															1	2	2	2	2	2	2		0		
2012	USAF	2	0	2																					2		0		
<b>TOTAL</b>		<b>22</b>	<b>0</b>	<b>22</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>1</b>	<b>2</b>	<b>0</b>								
					OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	

ITEM/MANUFACTURER'S NAME	LOCATION	PRODUCTION RATES			PROCUREMENT LEAD TIME			
		MSR	ECON	MAX	ADMIN LEAD TIME		MFG. PLT	TOTAL AFTER 1 OCT
					PRIOR 1 OCT	AFTER 1 OCT		
General Atomics Poway	CA	2	96	96				
					INITIAL	9		
					REORDER	9		

**REMARKS**  
 FIXED GROUND CONTROL STATION: This effort procures fixed Ground Control Stations (GCS). The GCS functions as the aircraft cockpit and can control the aircraft from either within line-of-sight (LOS) or beyond LOS (BLOS) via a combination of satellite relay and terrestrial communication architectures. Fixed GCS are used primarily to support Remote Split Operations (RSO) from Continental United States locations.









**UNCLASSIFIED**

<b>Exhibit P-21, Production Schedule</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity - 04, Other Aircraft, Item No. 34</b>	P-1 Line Item Nomenclature <b>MQ-9</b>
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PROC. YEAR	SERV.	PROC. QTY.	ACCEP PRIOR TO 1 OCT. 2013	BALAN CE DUE AS OF 1 OCT. 2013	FISCAL YEAR 2014												FISCAL YEAR 2015												L A T E R
					2013			CALENDAR YEAR 2014									CALENDAR YEAR 2015												
					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	
2010	USAF	5	5	0																									0
2011	USAF	10	10	0																									0
<b>TOTAL</b>		<b>15</b>	<b>15</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

ITEM/MANUFACTURER'S NAME	LOCATION	PRODUCTION RATES			PROCUREMENT LEAD TIME			
		MSR	ECON	MAX	ADMIN LEAD TIME		MFG. PLT	TOTAL AFTER 1 OCT
		PRIOR 1 OCT	AFTER 1 OCT					
Mobile GCS/General Atomics Poway	CA	2	96	96				
					INITIAL	9		
					REORDER	9		

**REMARKS**

**MOBILE GROUND CONTROL STATIONS:** This effort will procure mobile Ground Control Stations (GCS). The Ground Control Station (GCS) functions as the aircraft cockpit and can control the aircraft from either within line-of-sight (LOS) or beyond LOS (BLOS) via a combination of satellite relay and terrestrial communication architectures. Mobile GCS are primarily used at to support forward operating locations.







**UNCLASSIFIED**

<b>Exhibit P-21, Production Schedule</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity - 04, Other Aircraft, Item No. 34</b>	P-1 Line Item Nomenclature <b>MQ-9</b>
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PROC. YEAR	SERV.	PROC. QTY.	ACCEP. PRIOR TO 1 OCT. 2015	BALANCE DUE AS OF 1 OCT. 2015	FISCAL YEAR 2016												FISCAL YEAR 2017												L A T E R
					2015			CALENDAR YEAR 2016									CALENDAR YEAR 2017												
					OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
2015	USAF	10	7	3	1	1	1																					0	
<b>TOTAL</b>		10	7	3	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
					OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
ITEM/MANUFACTURER'S NAME					LOCATION		PRODUCTION RATES						PROCUREMENT LEAD TIME																
							MSR	ECON	MAX	ADMIN LEAD TIME		MFG. PLT	TOTAL AFTER 1 OCT																
Dual GCS/General Atomics Poway					CA		2	48	48	PRIOR 1 OCT			AFTER 1 OCT																
										INITIAL																			
										REORDER																			

REMARKS



**UNCLASSIFIED**

<b>Exhibit P-21, Production Schedule</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity - 04, Other Aircraft, Item No. 34</b>	P-1 Line Item Nomenclature <b>MQ-9</b>
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PROC. YEAR	SERV.	PROC. QTY.	ACCEP PRIOR TO 1 OCT. 2011	BALAN CE DUE AS OF 1 OCT 2011	FISCAL YEAR 2012												FISCAL YEAR 2013												L A T E R
					2011			CALENDAR YEAR 2012									CALENDAR YEAR 2013												
					O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	
2008	USAF	60	36	24	6	6	6	6																			0		
2012	USAF	65	0	65																							5		
2015	USAF	20	0	20																							20		
<b>TOTAL</b>		145	36	109	6	6	6	6	0	0	0	0	0	0	0	0	0	0	0	6	6	6	6	6	6	6	6	25	
					O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	

ITEM/MANUFACTURER'S NAME	LOCATION	PRODUCTION RATES			PROCUREMENT LEAD TIME			
		MSR	ECON	MAX	ADMIN LEAD TIME		MFG. PLT	TOTAL AFTER 1 OCT
					PRIOR 1 OCT	AFTER 1 OCT		
GDTs/General Atomics Poway	CA	2	60	72				
					INITIAL	9		
					REORDER	3		

**REMARKS**  
GROUND DATA TERMINALS: This effort will procure Ground Data Terminals (GDT). GDTs are required for Line Of Sight (LOS) Command and Cotrol Communications in support of ground operations and takeoff and landing operations for both MQ-1 and MQ-9.

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**UNCLASSIFIED**

<b>Exhibit P-21, Production Schedule</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity - 04, Other Aircraft, Item No. 34</b>	P-1 Line Item Nomenclature <b>MQ-9</b>
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PROC. YEAR	SERV.	PROC. QTY.	ACCEP PRIOR TO 1 OCT. 2013	BALAN CE DUE AS OF 1 OCT 2013	FISCAL YEAR 2014												FISCAL YEAR 2015												L A T E R
					2013			CALENDAR YEAR 2014									CALENDAR YEAR 2015												
					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	
2008	USAF	60	60	0																							0		
2012	USAF	65	60	5	5																						0		
2015	USAF	20	0	20																							20		
<b>TOTAL</b>		145	120	25	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20		
					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	

ITEM/MANUFACTURER'S NAME	LOCATION	PRODUCTION RATES			PROCUREMENT LEAD TIME			
		MSR	ECON	MAX	ADMIN LEAD TIME		MFG. PLT	TOTAL AFTER 1 OCT
					PRIOR 1 OCT	AFTER 1 OCT		
GDTs/General Atomics Poway	CA	2	60	72				
					INITIAL	9		
					REORDER	3		

**REMARKS**  
GROUND DATA TERMINALS: This effort will procure Ground Data Terminals (GDT). GDTs are required for Line Of Sight (LOS) Command and Cotrol Communications in support of ground operations and takeoff and landing operations for both MQ-1 and MQ-9.

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**UNCLASSIFIED**

<b>Exhibit P-21, Production Schedule</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity - 04, Other Aircraft, Item No. 34</b>	P-1 Line Item Nomenclature <b>MQ-9</b>
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PROC. YEAR	SERV.	PROC. QTY.	ACCEP PRIOR TO 1 OCT. 2015	BALAN CE DUE AS OF 1 OCT 2015	FISCAL YEAR 2016												FISCAL YEAR 2017												L A T E R
					2015					CALENDAR YEAR 2016							CALENDAR YEAR 2017												
					OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
2008	USAF	60	60	0																							0		
2012	USAF	65	65	0																							0		
2015	USAF	20	0	20			4	4	4	4	4															0			
<b>TOTAL</b>		145	125	20	0	0	4	4	4	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
					OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	

ITEM/MANUFACTURER'S NAME	LOCATION	PRODUCTION RATES			PROCUREMENT LEAD TIME			
		MSR	ECON	MAX	ADMIN LEAD TIME		MFG. PLT	TOTAL AFTER 1 OCT
					PRIOR 1 OCT	AFTER 1 OCT		
GDTs/General Atomics Poway	CA	2	60	72				
					INITIAL	9		
					REORDER	3		

**REMARKS**  
GROUND DATA TERMINALS: This effort will procure Ground Data Terminals (GDT). GDTs are required for Line Of Sight (LOS) Command and Cotrol Communications in support of ground operations and takeoff and landing operations for both MQ-1 and MQ-9.

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**UNCLASSIFIED**

<b>Exhibit P-21, Production Schedule</b>	Date: February 2011
--	---------------------

Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity - 04, Other Aircraft, Item No. 34</b>	P-1 Line Item Nomenclature <b>MQ-9</b>
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PROC. YEAR	SERV.	PROC. QTY.	ACCEP PRIOR TO 1 OCT. 2013	BALAN CE DUE AS OF 1 OCT. 2013	FISCAL YEAR 2014												FISCAL YEAR 2015												L A T E R
					2013			CALENDAR YEAR 2014									CALENDAR YEAR 2015												
					OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
2011	USAF	25	20	5	2	2	1																					0	
2012	USAF	23	0	23			1	2	2	2	2	2	2	2	2	2	2	2	2									0	
<b>TOTAL</b>		<b>48</b>	<b>20</b>	<b>28</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>0</b>									

ITEM/MANUFACTURER'S NAME	LOCATION	PRODUCTION RATES			PROCUREMENT LEAD TIME														
		MSR	ECON	MAX	ADMIN LEAD TIME		MFG. PLT	TOTAL AFTER 1 OCT											
TBD	TBD	2	48	48	PRIOR 1 OCT	AFTER 1 OCT													
					INITIAL	9	3	25	28										
					REORDER	9													

**REMARKS**  
 TRAINING DEVICE/SIMULATORS: This effort will procure Predator Aircrew Mission Training Simulators (PMATS), MSN Coordinator Sim Units, and Brief/Debrief Stations to support aircrew training from MQ-9 and MQ-1 systems.

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<b>Exhibit P-21, Production Schedule</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity - 04, Other Aircraft, Item No. 34</b>	P-1 Line Item Nomenclature <b>MQ-9</b>
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PROC. YEAR	SERV.	PROC. QTY.	ACCEP PRIOR TO 1 OCT. 2013	BALAN CE DUE AS OF 1 OCT 2013	FISCAL YEAR 2014												FISCAL YEAR 2015												L A T E R
					2013			CALENDAR YEAR 2014									CALENDAR YEAR 2015												
					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	
2012	USAF	4	4	0																								0	
2013	USAF	15		15	1	1	1	1	1	1	1	1	1	1	1	2													0
2014	USAF	36		36													3	3	3	3	3	3	3	3	3	3	3		6
2015	USAF	36		36																									36
2016	USAF	36		36																									36
<b>TOTAL</b>		<b>127</b>	<b>4</b>	<b>123</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>78</b>	

	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	
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ITEM/MANUFACTURER'S NAME	LOCATION	PRODUCTION RATES			PROCUREMENT LEAD TIME																						
		MSR	ECON	MAX	ADMIN LEAD TIME				MFG. PLT	TOTAL AFTER 1 OCT																	
					PRIOR 1 OCT	AFTER 1 OCT																					
Northrop Grumman	CA	15	36	36																							
					INITIAL	4	2		14	16																	
					REORDER	2																					

**REMARKS**  
ASIP 2C: In FY12, this effort will procure non-recurring tooling to stand up the ASIP-2C SIGINT sensor production line, as well as Low Rate Initial Production sensors. FY13 and beyond funding will procure additional ASIP-2C sensors.



**UNCLASSIFIED**

<b>Exhibit P-21, Production Schedule</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity - 04, Other Aircraft, Item No. 34</b>	P-1 Line Item Nomenclature <b>MQ-9</b>
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PROC. YEAR	SERV.	PROC. QTY.	ACCEP PRIOR TO 1 OCT. 2009	BALAN CE DUE AS OF 1 OCT. 2009	FISCAL YEAR 2010												FISCAL YEAR 2011												L A T E R	
					2009			CALENDAR YEAR 2010									CALENDAR YEAR 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		
2013	USAF	2		2																									2	
2014	USAF	3		3																										3
2015	USAF	3		3																										3
<b>TOTAL</b>		<b>8</b>	<b>0</b>	<b>8</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>8</b>	
					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		

ITEM/MANUFACTURER'S NAME	LOCATION	PRODUCTION RATES			PROCUREMENT LEAD TIME			
		MSR	ECON	MAX	ADMIN LEAD TIME		MFG. PLT	TOTAL AFTER 1 OCT
					PRIOR 1 OCT	AFTER 1 OCT		
L3 Comm Salt Lake City UT/CA	UT/CA	0	0	12				
					INITIAL	7	18	25
					REORDER			

**REMARKS**  
Ka Migration: This effort procures ground based satellite terminals that enable the use of the government owned Ka satellite communication network.

**UNCLASSIFIED**

<b>Exhibit P-21, Production Schedule</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity - 04, Other Aircraft, Item No. 34</b>	P-1 Line Item Nomenclature <b>MQ-9</b>
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PROC. YEAR	SERV.	PROC. QTY.	ACCEP. PRIOR TO 1 OCT. 2011	BALANCE DUE AS OF 1 OCT. 2011	FISCAL YEAR 2012												FISCAL YEAR 2013												L A T E R
					2011			CALENDAR YEAR 2012									CALENDAR YEAR 2013												
					OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
2013	USAF	2		2																								2	
2014	USAF	3		3																								3	
2015	USAF	3		3																								3	
<b>TOTAL</b>		<b>8</b>	<b>0</b>	<b>8</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>8</b>	
					OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	

ITEM/MANUFACTURER'S NAME	LOCATION	PRODUCTION RATES			PROCUREMENT LEAD TIME			
		MSR	ECON	MAX	ADMIN LEAD TIME		MFG. PLT	TOTAL AFTER 1 OCT
					PRIOR 1 OCT	AFTER 1 OCT		
L3 Comm Salt Lake City UT/CA	UT/CA	0	0	12				
					INITIAL	7	18	25
					REORDER			

**REMARKS**  
Ka Migration: This effort procures ground based satellite terminals that enable the use of the government owned Ka satellite communication network.

**UNCLASSIFIED**

<b>Exhibit P-21, Production Schedule</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity - 04, Other Aircraft, Item No. 34</b>	P-1 Line Item Nomenclature <b>MQ-9</b>
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PROC. YEAR	SERV.	PROC. QTY.	ACCEP. PRIOR TO 1 OCT. 2013	BALANCE DUE AS OF 1 OCT. 2013	FISCAL YEAR 2014												FISCAL YEAR 2015												L A T E R
					2013			CALENDAR YEAR 2014									CALENDAR YEAR 2015												
					OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
2013	USAF	2		2																							1	1	
2014	USAF	3		3																								3	3
2015	USAF	3		3																								3	3
<b>TOTAL</b>		<b>8</b>	<b>0</b>	<b>8</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	7	
					OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	

ITEM/MANUFACTURER'S NAME	LOCATION	PRODUCTION RATES			PROCUREMENT LEAD TIME			
		MSR	ECON	MAX	ADMIN LEAD TIME		MFG. PLT	TOTAL AFTER 1 OCT
					PRIOR 1 OCT	AFTER 1 OCT		
L3 Comm Salt Lake City UT/CA	UT/CA	0	0	12		7	18	25
					INITIAL			
					REORDER			

**REMARKS**

Ka Migration: This effort procures ground based satellite terminals that enable the use of the government owned Ka satellite communication network.

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<b>Exhibit P-21, Production Schedule</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity - 04, Other Aircraft, Item No. 34</b>	P-1 Line Item Nomenclature <b>MQ-9</b>
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PROC. YEAR	SERV.	PROC. QTY.	ACCEP PRIOR TO 1 OCT. 2015	BALAN CE DUE AS OF 1 OCT 2015	FISCAL YEAR 2016												FISCAL YEAR 2017												L A T E R
					2015					CALENDAR YEAR 2016							CALENDAR YEAR 2017												
					OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
2013	USAF	2	1	1	1																						0		
2014	USAF	3		3													1										0		
2015	USAF	3		3																						1	2		
<b>TOTAL</b>		<b>8</b>	<b>1</b>	<b>7</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>2</b>	
					OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	

ITEM/MANUFACTURER'S NAME	LOCATION	PRODUCTION RATES			PROCUREMENT LEAD TIME			
		MSR	ECON	MAX	ADMIN LEAD TIME		MFG. PLT	TOTAL AFTER 1 OCT
					PRIOR 1 OCT	AFTER 1 OCT		
L3 Comm Salt Lake City UT/CA	UT/CA	0	0	12				
					INITIAL	7	18	25
					REORDER			

**REMARKS**  
Ka Migration: This effort procures ground based satellite terminals that enable the use of the government owned Ka satellite communication network.



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<b>Exhibit P-40, Budget Item Justification</b>	Date: February 2011
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 06, Aircraft Spares and Repair Parts, Item No. 81</b>	P-1 Line Item Nomenclature <b>Aircraft Initial Spares</b>

Program Element for Code B Items	N/A	Other Related Program Elements	N/A										
	<b>ID Code</b>	<b>Prior Years</b>	<b>FY 2010</b>	<b>FY 2011</b>	<b>FY 2012</b>	<b>FY 2012 OCO</b>	<b>FY 2012 Total</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>To Comp</b>	<b>Total</b>
Proc Qty	A	N/A					0					N/A	N/A
Total Proc Cost(\$ M)		TBD	433.463	632.920	1030.364	2.800	1033.164	952.274	883.096	885.625	999.905	TBD	

**Description**

FY 2010 funding totals include \$4.0M appropriated for Overseas Contingency Operations.  
 FY 2011 funding totals include \$10.9M requested for Overseas Contingency Operations.  
 FY 2012 funding totals include \$2.8M requested for MQ-1 Overseas Contingency Operations.

	FY10	FY11	FY12	FY13	FY14	FY15	FY16
B2	0	15.099	12.280	6.673	5.098	0.512	0.522
MQ-9	0	0	191.211	136.403	79.930	102.596	0
F-22	7.349	11.916	8.994	13.145	20.593	19.136	17.980
F-35	129.296	263.573	151.469	322.076	340.956	508.599	770.495
E-3	5.500	18.248	17.136	18.343	18.744	19.201	19.661
MQ-1	0	0	4.990	4.989	2.994	2.994	0
RQ-4	0	0	178.836	20.176	0	0	0
C-5	0	0	116.175	117.186	131.933	0	0
JCA	0	0	91.686	51.978	48.979	23.000	5.000
JPATS	2.507	0.457	1.921	0.023	0.823	0.827	0.831

Totals include funding for PRCP Program Number 224, B-2 EHF.  
 Totals include funding for PRCP Program Number 424, MQ-9 Reaper.  
 Totals include funding for PRCP Program Number 265, F-22A.  
 Totals include funding for PRCP Program Number 198, JSF.  
 Totals include funding for PRCP Program Number 277, AWACS Upgrade.  
 Totals include funding for PRCP Program Number 271, MQ-1 Predator.  
 Totals include funding for PRCP Program Number 252, Global Hawk.  
 Totals include funding for PRCP Program Number 327, C-5 RERP.  
 Totals include funding for PRCP Program Number 183, JCA.  
 Totals include funding for PRCP Program Number 560, JPATS.

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<b>Exhibit P-40, Budget Item Justification</b>	Date: February 2011
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 06, Aircraft Spares and Repair Parts, Item No. 81</b>	P-1 Line Item Nomenclature <b>Aircraft Initial Spares</b>
<p><b><u>Description Continued</u></b></p> <p>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 repairable and consumable components, assemblies, and sub-assemblies that must be available for issue at all levels of supply in time to support newly fielded end items.</p> <p>Initial spares are funded in the two program segments described below.</p> <p>Working Capital Fund (WCF) Spares. Since FY 1994, 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.</p> <p>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.</p> <p><b>FY 2012 Program Justification</b></p> <p>In FY 2012, the F-35, RQ-4 Global Hawk, and Light Cargo Aircraft have large initial spare requirements in preparation for fielding. Other initial spares programs with large requirements include MQ-9 Reaper, C-5 Airlift Squadrons, Light Cargo Aircraft, CV-22, and EC-130H COMPASS CALL aircraft. In FY2012 some programs, including Global Hawk, MQ-9, and C-5 began budgeting for initial spares in Budget Activity 06 instead of Budget Activities 01 through 05.</p>	
<p>P-1 Shopping List Item No. 1 F</p> <p style="text-align: right;"><b>Budget Item Justification Exhibit P-40, page 2 of 2</b></p>	

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<b>Exhibit P-5, Weapon System Cost Analysis</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 06, Aircraft Spares and Repair Parts, Item No. 81</b>	P-1 Line Item Nomenclature <b>Aircraft Initial Spares</b>
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Weapon System Cost Elements	Ident Code	Total Cost in Millions of Dollars											
		Prior Years			FY 2010			FY 2011			FY 2012		
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
INITIAL SPARES (Budget Program 16)	A			TBD			435.463			632.920			1030.364
<b>TOTAL PROGRAM:</b>				TBD			435.463			632.920			1030.364

**Remarks**

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<b>Exhibit P-5, Weapon System Cost Analysis</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 06, Aircraft Spares and Repair Parts, Item No. 81</b>	P-1 Line Item Nomenclature <b>Aircraft Initial Spares</b>
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Weapon System Cost Elements	Ident Code	Total Cost in Millions of Dollars					
		FY 2012 OCO			Cost to Complete		
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
INITIAL SPARES (Budget Program 16)	A			2.800			TBD
<b>TOTAL PROGRAM:</b>				2.800			TBD

## UNCLASSIFIED

## Exhibit P-18A, Initial Spares Funding Summary

Date: February 2011

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

Aircraft Procurement, Air Force, Budget Activity 06, Aircraft Spares and Repair Parts, Item No. 81

P-1 Line Item Nomenclature

Aircraft Initial Spares

<b>Initial Spares Funding Summary</b>					
<u>P-1 Line</u>	<u>End Item Nomenclature</u>	<u>FY 2010</u>	<u>FY 2011</u>	<u>FY 2012</u>	<u>FY 2012 OCO</u>
81	Joint Strike Fighter Squadrons	129.296	263.573	151.469	0.000
81	MQ-1 Predator	0.000	0.000	4.990	2.800
81	VC-25A (Operational Support Airlift)	0.550	0.554	0.561	0.000
81	T-41 Mods	0.294	0.000	0.000	0.000
81	T-38 Mods	1.278	0.000	0.000	0.000
81	Manned Reconnaissance System (RC-135S)	43.823	44.042	39.869	0.000
81	MQ-9	0.000	0.000	191.211	0.000
81	MILSATCOM Terminals (Other)	0.000	12.106	0.000	0.000
81	MC-12W	9.200	9.140	0.000	0.000
81	C-27J	0.000	0.000	91.686	0.000
81	KC-135 Airborne Broadcast Intelligence (ABI)	0.340	7.630	7.102	0.000
81	KC-10 Mods	0.000	0.597	5.699	0.000
81	JPATS, (T-6)	2.507	0.457	1.921	0.000
81	HH-60	22.706	1.623	1.603	0.000
81	GLOBAL HAWK	0.000	0.000	178.836	0.000
81	Fighter Tactical Data Link	0.664	0.075	0.067	0.000
81	Full Combat Mission Training	5.466	5.253	3.278	0.000
81	F-22A Squad	7.349	11.916	8.994	0.000
81	F-16 Mods	6.746	7.171	5.013	0.000
81	F-15E Squadrons	0.013	18.107	18.606	0.000
81	F-15A/B/C/D Squadrons	1.680	6.422	0.087	0.000
81	C-130 Airlift Squadrons	2.729	0.000	0.000	0.000
81	JOINT STARS (E-8C)	27.519	6.697	14.488	0.000
81	E-4B National Airborne Operations Center (NAOC)	4.373	2.102	1.587	0.000
81	Airborne Warning and Control System (AWACS)	5.500	18.248	17.136	0.000
81	Aerial Targets (Target Drones)	1.871	0.523	0.474	0.000
81	CV-22 Osprey	123.342	108.592	57.450	0.000
81	Combat Training Range Equipment	1.628	1.638	1.484	0.000
81	Combat Development	0.547	0.135	0.123	0.000

P-1 Shopping List Item No. 1 F

Initial Spares Funding Summary  
Exhibit P-18A, page 1 of 5

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**Exhibit P-18A, Initial Spares Funding Summary**

Date: February 2011

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

**Aircraft Procurement, Air Force, Budget Activity 06, Aircraft Spares and Repair Parts, Item No. 81**

P-1 Line Item Nomenclature

**Aircraft Initial Spares**

<b>Initial Spares Funding Summary</b>					
<u>P-1 Line</u>	<u>End Item Nomenclature</u>	<u>FY 2010</u>	<u>FY 2011</u>	<u>FY 2012</u>	<u>FY 2012 OCO</u>
81	COMPASS CALL	15.871	53.799	64.198	0.000
81	C-37 Mods	0.000	0.000	1.597	0.000
81	C-5 RERP	0.000	0.000	116.175	0.000
81	C-17A	0.000	0.000	13.692	0.000
81	B-52 SQUADRONS	7.638	7.050	0.000	0.000
81	B-2 Squadrons	0.000	15.099	12.280	0.000
81	B-1B Squadrons	5.753	12.533	12.270	0.000
81	Advanced Targeting Pod	6.780	16.050	4.540	0.000
81	A-10 Squadrons	0.000	1.788	1.878	0.000
	Total Initial Spares	435.463	632.920	1030.364	2.800

P-1 Shopping List Item No. 1 F

**Initial Spares Funding Summary  
Exhibit P-18A, page 2 of 5**

Exhibit P-18A, Initial Spares Funding

Date: February 2011

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

Aircraft Procurement, Air Force, Budget Activity 06, Aircraft Spares and Repair Parts, Item No. 81

P-1 Line Item Nomenclature

Aircraft Initial Spares

Initial Spares Funding

<u>P-1 Line</u>	<u>End Item Nomenclature</u>	<u>FY 2010</u>	<u>FY 2011</u>	<u>FY 2012</u>	<u>FY 2012 OCO</u>
	TOTAL INITIAL SPARES	442.209	640.091	1040.367	5.600
	EXEMPT SPARES	318.525	498.275	501.365	0.000
	WCF SPARES	123.684	141.816	539.002	5.600

**Exhibit P-18A, Replenishment Spares Funding Summary**

Date: February 2011

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

**Aircraft Procurement, Air Force, Budget Activity 06, Aircraft Spares and Repair Parts, Item No. 81**

P-1 Line Item Nomenclature

**Aircraft Initial Spares**

**Replenishment Spares Funding Summary**

<u>P1-Line</u>	<u>End Item Nomenclature</u>	<u>FY 2010</u>	<u>FY 2011</u>	<u>FY 2012</u>	<u>FY 2012 OCO</u>
		0.000	0.000	0.000	0.000
	Total Replenishment Spares	0.000	0.000	0.000	0.000

Exhibit P-18A, Replenishment Spares Funding

Date: February 2011

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

Aircraft Procurement, Air Force, Budget Activity 06, Aircraft Spares and Repair Parts, Item No. 81

P-1 Line Item Nomenclature

Aircraft Initial Spares

**Replenishment Spares Funding**

<u>P-1 Line</u>	<u>End Item Nomenclature</u>	<u>FY 2010</u>	<u>FY 2011</u>	<u>FY 2012</u>	<u>FY 2012 OCO</u>
	TOTAL REPLENISHMENT SPARES	0.000	0.000	0.000	0.000
	EXEMPT SPARES	0.000	0.000	0.000	0.000
	WCF SPARES	0.000	0.000	0.000	0.000

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<b>Exhibit P-40, Budget Item Justification</b>	Date: February 2011
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 82</b>	P-1 Line Item Nomenclature <b>AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT (OVERVIEW)</b>

Program Element for Code B Items			Other Related Program Elements										
	ID Code	Prior Years	FY 2010	FY 2011	FY 2012	FY 2012 OCO	FY 2012 Total	FY 2013	FY 2014	FY 2015	FY 2016	To Comp	Total
Proc Qty		N/A					0					N/A	N/A
Total Proc Cost(\$ M)		N/A	96.521	91.701	92.394	0.000	92.394	73.733	54.785	50.849	51.626	N/A	N/A

**Description**

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

PEs associated with this P-1 line are: 0101113F, 01011126F, 0101235F, 0202834F, 0207130F, 0207133F, 0207138F, 0207597F, 0401119F, 0401897F, 0402834F, 0404011F, 0504332F, 0804731F, 0804741F, 0804744F, 0809731F.

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

\$K	FY2010	FY2011	FY2012	FY2013	FY2014	FY2015	FY2016
Guard:	\$1.316	\$14.750	\$0.000	\$0.000	\$1.437	\$1.463	\$0.000
Reserve:	\$13.735	\$0.894	\$0.000	\$0.457	\$0.000	\$0.000	\$0.000

**FY 2012 Program Justification**

FY2012 procurement dollars in the amount of \$92.394M procures aircraft support equipment in support of installation and unit mission requirements for Air Force personnel.

Items requested in FY12 are a continuing requirement, are identified on the following P-40A and are representative of items being procured. Items procured during execution may change based on critical equipment needed to support current Air Force mission requirements.

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<b>Exhibit P-40A, Budget Item Justification for Aggregated Items</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 82</b>	P-1 Line Item Nomenclature <b>AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT (OVERVIEW)</b>
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Weapon System Cost Elements	Ident Code	Total Cost in Millions of Dollars											
		Prior Years			FY 2010			FY 2011			FY 2012		
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT (OVERVIEW)	A												
C-5 ISOCHRONAL MAINTENANCE PLATFORM	A				1		13.380	1		13.380			0.000
USM 670 CORE TEST SET (CTS)	A				11		3.901	7		3.128	4		1.882
A/M32C-25 LARGE AIR CONDITIONER	B										4		9.000
ITEMS LESS THAN 5 MILLION DOLLARS	A						18.998			38.395			12.603
ATS PROGRAM MANAGEMENT													
ADVANCED DIGITAL TEST STATION (ADTS)	A						20.080			5.742			13.446
VERSATILE DEPOT AUTOMATIC TEST STATION (VDATS)	A				29		29.079	12		12.763	13		14.835
PORTABLE AUTOMATIC TEST SET-50 (PATS-50)	A										26		7.217
VERSAMODULE EXTENSIONS FOR INSTRUMENTATION IMPROVED AVIONICS INTERMEDIATE SHOP (VXI-IAIS)	A										5		12.723
STORES SYSTEM TESTER (SST) - ORGANIZATION LEVEL	A				21		6.297			0.000			0.000
RACKMOUNT IMPROVED AVIONICS INTERMEDIATE SHOP TEST STATION (RIAIS)	A										1		9.456
ADVANCED REW TEST STATION (ARTS)	A						0.000			7.809			11.232
STORES MGMT TEST SET PROGRAM	A				11		4.786	11		4.984			
STORES SYSTEM TESTER (SST) - INTERMEDIATE LEVEL	A						0.000	11		5.500			0.000
<b>TOTAL PROGRAM:</b>				0.000			96.521			91.701			92.394

**Remarks**

**UNCLASSIFIED**

<b>Exhibit P-40A, Budget Item Justification for Aggregated Items</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 82</b>	P-1 Line Item Nomenclature <b>AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT (OVERVIEW)</b>
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Weapon System Cost Elements	Ident Code	Total Cost in Millions of Dollars					
		FY 2012 OCO			Cost to Complete		
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT (OVERVIEW)	A						
C-5 ISOCHRONAL MAINTENANCE PLATFORM	A						
USM 670 CORE TEST SET (CTS)	A						
A/M32C-25 LARGE AIR CONDITIONER	B						
ITEMS LESS THAN 5 MILLION DOLLARS	A						
ATS PROGRAM MANAGEMENT							
ADVANCED DIGITAL TEST STATION (ADTS)	A						
VERSATILE DEPOT AUTOMATIC TEST STATION (VDATS)	A						
PORTABLE AUTOMATIC TEST SET-50 (PATS-50)	A						
VERSAMODULE EXTENSIONS FOR INSTRUMENTATION IMPROVED AVIONICS INTERMEDIATE SHOP (VXI-IAIS)	A						
STORES SYSTEM TESTER (SST) - ORGANIZATION LEVEL	A						
RACKMOUNT IMPROVED AVIONICS INTERMEDIATE SHOP TEST STATION (RIAIS)	A						
ADVANCED REW TEST STATION (ARTS)	A						
STORES MGMT TEST SET PROGRAM	A						
STORES SYSTEM TESTER (SST) - INTERMEDIATE LEVEL	A						
<b>TOTAL PROGRAM:</b>				0.000			0.000

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<b>Exhibit P-40, Budget Item Justification</b>	Date: February 2011
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 82</b>	P-1 Line Item Nomenclature <b>C-5 ISOCHRONAL MAINTENANCE STAND</b>

Program Element for Code B Items			Other Related Program Elements										
	ID Code	Prior Years	FY 2010	FY 2011	FY 2012	FY 2012 OCO	FY 2012 Total	FY 2013	FY 2014	FY 2015	FY 2016	To Comp	Total
Proc Qty	A	N/A					0					N/A	N/A
Total Proc Cost(\$ M)		N/A	13.380	13.380	0.000	0.000	0.000	0.000	0.000	0.000	0.000	N/A	N/A

**Description**

The C-5 Isochronal Maintenance Stand is designed to provide access to all engine, fuselage and wing maintenance areas and inspection doors of the C-5 aircraft. This equipment consists of forty mobile platforms, sixteen portable step stands, tow bars for use in towing large stands, four under engine scissor lifts, four pylon access platforms. With the upgrades of the C-5B models the new stands will have to support both the new GE CF6 80C2 engine as well as the TF39 engine.

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

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

\$M	FY2010	FY2011	FY2012	FY2013	FY2014	FY2015	FY2016
Guard	\$0	\$13.380	\$--	\$--	\$--	\$--	\$--
Reserve	\$13.380	\$0	\$--	\$--	\$--	\$--	\$--

**FY 2012 Program Justification**

No FY12 funding requested.

**UNCLASSIFIED**

<b>Exhibit P-5, Weapon System Cost Analysis</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 82</b>	P-1 Line Item Nomenclature <b>C-5 ISOCHRONAL MAINTENANCE STAND</b>
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Weapon System Cost Elements	Ident Code	Total Cost in Millions of Dollars												
		Prior Years			FY 2010			FY 2011			FY 2012			
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	
GUARD	A							1	13.380	13.380				
RESERVE	A					1	13.380	13.380						
C-5 ISO CHRONO MAINTENANCE STAND		[0]		[0.000]		[1]	13.380	[13.380]		[1]	13.380	[13.380]	[0]	[0.000]
<b>TOTAL PROGRAM:</b>				0.000			13.380			13.380				0.000

**Remarks**

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

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<b>Exhibit P-5, Weapon System Cost Analysis</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 82</b>	P-1 Line Item Nomenclature <b>C-5 ISOCHRONAL MAINTENANCE STAND</b>
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Weapon System Cost Elements	Ident Code	Total Cost in Millions of Dollars					
		FY 2012 OCO			Cost to Complete		
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
GUARD	A						
RESERVE	A						
C-5 ISO CHRONO MAINTENANCE STAND		[0]		[0.000]	[0]		[0.000]
<b>TOTAL PROGRAM:</b>				0.000			0.000

<b>Exhibit P-5A, Procurement History and Planning</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/Bs/Item Control Number: <b>Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 82</b>	P-1 Line Item Nomenclature: <b>C-5 ISOCHRONAL MAINTENANCE STAND</b>
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<u>Weapon System</u>	Subline Item
C-5 ISOCHRONAL MAINTENANCE STAND	

WBS Cost Elements	Qty.	Unit Cost	Location of PCO	RFP Issue Date	Contract Method	Contract Type	Contractor and Location	Award Date	Date of First Delivery.	Specs Available Now?	Date Revision Available?
C-5 ISO CHRONO MAINTENANCE STAND							/				
(2010) <sup>1</sup>	1	13.380	AFMC/WR-ALC		OPT		KERN STEEL / BAKERSFIELD, CA	Apr-11	Dec-11	Y	
(2011) <sup>2</sup>	1	13.380	AFMC/WR-ALC		OPT		KERN STEEL / BAKERSFIELD,CA	Apr-11	Aug-12	Y	
(2012)	0						/				
(2012 OCO)	0						/				

**Remarks**

Delivery dates assume contractor will build the ISO stands in sequence with approximate delivery dates for the first stand of Dec 11 and second stand to be delivered Aug 12.

- (1) Basic contract FA8533-08-C-0004 w/3 opt yrs awarded June 2008. Contract expires 19 June 2011. FY10 award will take place after 1st Article acceptance Mar 2011.
- (2) Basic contract FA8533-08-C-0004 w/3 opt yrs awarded June 2008. Contract expires 19 June 2011. FY11 award will take place after 1st Article acceptance Mar 2011.

**UNCLASSIFIED**

<b>Exhibit P-40, Budget Item Justification</b>	Date: February 2011
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 82</b>	P-1 Line Item Nomenclature <b>IL \$5M (USM670 CORE TEST SET-CTS)</b>

Program Element for Code B Items			Other Related Program Elements										
	ID Code	Prior Years	FY 2010	FY 2011	FY 2012	FY 2012 OCO	FY 2012 Total	FY 2013	FY 2014	FY 2015	FY 2016	To Comp	Total
Proc Qty	A	N/A					0					N/A	N/A
Total Proc Cost(\$ M)		N/A	3.901	3.128	1.882	0.000	1.882	1.827	1.857	1.889	1.922	N/A	N/A

**Description**

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

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

(\$M)	FY2010	FY2011	FY2012	FY2013	FY2014	FY2015	FY2016
Guard:	\$--	\$---	\$--	\$--	\$--	\$--	\$--
Reserve:	\$.355	\$.894	\$--	\$.457	\$--	\$--	\$--

**FY 2012 Program Justification**

FY2012 procurement dollars in the amount of \$1.882M procures 4 each USM 670 Core Test Set in support of installation and unit mission requirements for Air Force Personnel.

Items requested in FY12 are a continuing requirement; are identified on the following P-5 and are representative of item to be procured. Item procured during execution may change based on critical equipment needed to support current Air Force mission requirements.

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<b>Exhibit P-5, Weapon System Cost Analysis</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 82</b>	P-1 Line Item Nomenclature <b>IL \$5M (USM670 CORE TEST SET-CTS)</b>
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Weapon System Cost Elements	Ident Code	Total Cost in Millions of Dollars											
		Prior Years			FY 2010			FY 2011			FY 2012		
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
ACTIVE	A				10	0.355	3.547	5	0.447	2.234	4	0.471	1.882
RESERVE	A				1	0.355	0.355	2	0.447	0.894			
USM670 CORE TEST SET (CTS)		[0]		[0.000]	[11]	0.355	[3.901]	[7]	0.447	[3.128]	[4]	0.471	[1.882]
<b>TOTAL PROGRAM:</b>				0.000			3.901			3.128			1.882

**Remarks**

Basic contract, FA8540-08-D-0002, w/4 option years awarded 17 Apr 08. FY10 u/c is based on option 2; FY11 option 3; FY12 option 4. Contract will expire April 2013

Unit costs for FY12 are assumed and are subject to change.

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<b>Exhibit P-5, Weapon System Cost Analysis</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 82</b>	P-1 Line Item Nomenclature <b>IL \$5M (USM670 CORE TEST SET-CTS)</b>
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Weapon System Cost Elements	Ident Code	Total Cost in Millions of Dollars					
		FY 2012 OCO			Cost to Complete		
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
ACTIVE	A						
RESERVE	A						
USM670 CORE TEST SET (CTS)		[0]		[0.000]	[0]		[0.000]
<b>TOTAL PROGRAM:</b>				0.000			0.000

<b>Exhibit P-5A, Procurement History and Planning</b>								Date: February 2011			
Appropriation (Treasury) Code/CC/BA/Bs/Item Control Number: <b>Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 82</b>								P-1 Line Item Nomenclature: <b>IL \$5M (USM670 CORE TEST SET-CTS)</b>			
<u>Weapon System</u>						Subline Item					
IL \$5M (USM670 CORE TEST SET-CTS)											
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?
USM670 CORE TEST SET (CTS)							/				
(2010)	11	0.355	AFMC/WR-ALC		OPT		AAI CORP / HUNT VALLEY, MD	Mar-10	Sep-11	Y	
(2011)	7	0.447	AFMC/WR-ALC		OPT		AAI CORP / HUNT VALLEY, MD	May-11	Oct-12	Y	
(2012)	4	0.471	AFMC/WR-ALC		OPT		AAI CORP / HUNT VALLEY, MD	Apr-12	Sep-13	Y	
(2012 OCO)	0						/				
<b>Remarks</b>											
P-1 Shopping List Item No. 82						Procurement History and Planning Exhibit P-5A, page 4 of 4					

**UNCLASSIFIED**

<b>Exhibit P-40, Budget Item Justification</b>	Date: February 2011
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 82</b>	P-1 Line Item Nomenclature <b>A/M32C-25 LARGE AIR CONDITIONER</b>

Program Element for Code B Items			Other Related Program Elements										
	ID Code	Prior Years	FY 2010	FY 2011	FY 2012	FY 2012 OCO	FY 2012 Total	FY 2013	FY 2014	FY 2015	FY 2016	To Comp	Total
Proc Qty		N/A					0					N/A	N/A
Total Proc Cost(\$ M)		N/A	0.000	0.000	9.000	0.000	9.000	0.000	10.939	13.349	14.716	N/A	N/A

**Description**

The large flight-line air conditioner A/M32C-25 is a trailer-mounted, diesel powered, deployable air conditioner. Its purpose is to deliver 600 pounds per minute (PPM) of 40 degrees Fahrenheit air into three separate, individually controlled 12 inch outlet ducts. Each outlet shall be capable of providing 200 PPM of conditioned air. Air conditioners shall operate in ambient air temperatures up to 140 degrees.

The A/M32C-25 will replace three legacy systems, ACE 802, PD-501, and DAC-110 which currently represent the entire Air Force inventory of large flightline Air Conditioners (400ea). The large air conditioner is critical support for pre-flight and ground maintenance efforts for numerous heavily electronic laden weapon systems including (but not limited to) B-1s, C-9s, C-17s, C-17s, C-32s, E-3s, and C-130s.

Operational assessments determined that due to high temperatures in the Middle East flight-line air conditioners were failing, affecting operational readiness, and jeopardizing critical reconnaissance flights. An air conditioner unit capable to working in ambient temperatures up to 140 degrees is required (commercially viable air conditioner units operate up to 125 degrees). Temporary fixes (ex. updated maintenance, and misting systems) have been implemented; however, the misting systems caused corrosion to build up, resulting into unit failure. Aircraft affected by this unit include (but not limited to): JSTARS, EC-130, KC-135, C-5, and C-17. lack of dependable air conditioning equipment will cause operational impacts such as rescheduling or delaying sorties in order to avoid over heating of critical electric warfare and avionics systems as well as personnel. This limits the war fighters' flexibility to operate when needed.

**FY 2012 Program Justification**

FY2012 procurement dollars in the amount of \$9,000,000 procures 4 each A/M32C-25 Large Air Conditioner in support of installation and unit mission requirements for Air Force Personnel.

The Acquisition Strategy is a phased "Down Select". The process is as follows: All proposals submitted will be evaluated for Technical Acceptance/Past Performance/Pricing. In the first phase up to four contracts will be awarded in 2nd Qtr FY12 for the entire effort. All contractors will demonstrate their company had the core capability to meet the desired outcomes. Based on the results of this demonstration phase one "Down Select" will be accomplished and two contractors will move into phase two. Phase two will be entered by exercising an option on the contract. Phase two will be executed in 3rd Qtr of FY13 to two contractors that have best met all of the evaluation factors. Each awardee will be required to provide two first articles during this phase. The first articles (produced by both awardees) will be tested and evaluated based on performance and price. Once a single contractor has proven to be technically compliant and most economical based on evaluation factors an additional option will be exercised in 2nd Qtr FY15. During this option the selected contractor will finalize all technical orders and provisioning data. After all data has been verified as complete the last option on the basic contract will be exercised in 3rd Qtr of 15 for the initial production quantity of 40 units. The remaining production quantities will be procured exercising the remaining 5 options on the contract.

P-1 Shopping List Item No. 82

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

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<b>Exhibit P-40, Budget Item Justification</b>	Date: February 2011
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 82</b>	P-1 Line Item Nomenclature <b>A/M32C-25 LARGE AIR CONDITIONER</b>
<p>Items requested in FY12 are a continuing requirement; are identified on the following P-5 and are representative of items to be procured. Items procured during execution may change based on critical equipment needed to support current Air Force mission requirements.</p>	
P-1 Shopping List Item No. 82	<b>Budget Item Justification Exhibit P-40, page 2 of 5</b>

**UNCLASSIFIED**

<b>Exhibit P-5, Weapon System Cost Analysis</b>	Date: February 2011
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 82</b>	P-1 Line Item Nomenclature <b>A/M32C-25 LARGE AIR CONDITIONER</b>

Weapon System Cost Elements	Ident Code	Total Cost in Millions of Dollars											
		Prior Years			FY 2010			FY 2011			FY 2012		
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
A/M32C-25 LARGE AIR CONDITIONER	A				0		0.000	0		0.000	4	0.500	2.000
First Article Testing	A												4.000
Data Rights	A												3.000
<b>TOTAL PROGRAM:</b>				0.000			0.000			0.000			9.000

**Remarks**  
 Unit costs for FY12 are assumed and are subject to change.  
  
 In FY12, the acquisition strategy will be down select. In the first phase up to four contracts will be awarded. All contractors will demonstrate that their company had the core capability to meet the desired outcomes. Based on the results of this demonstration, phase one "Down Select" will be accomplished and two contractors will move into phase two. In phase two, contracts will be awarded to two contractors. Each awardee will be required to provide two first articles. The first articles (produced by both awardees) will be tested and evaluated based on performance and price. Options will only be exercised against contract that proves to be technically compliant and most economical.

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<b>Exhibit P-5, Weapon System Cost Analysis</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 82</b>	P-1 Line Item Nomenclature <b>A/M32C-25 LARGE AIR CONDITIONER</b>
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Weapon System Cost Elements	Ident Code	Total Cost in Millions of Dollars					
		FY 2012 OCO			Cost to Complete		
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
A/M32C-25 LARGE AIR CONDITIONER	A	0		0.000			
First Article Testing	A						
Data Rights	A						
<b>TOTAL PROGRAM:</b>				<b>0.000</b>			<b>0.000</b>

<b>Exhibit P-5A, Procurement History and Planning</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/Bs/Item Control Number: <b>Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 82</b>	P-1 Line Item Nomenclature: <b>A/M32C-25 LARGE AIR CONDITIONER</b>
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<u>Weapon System</u>	Subline Item
A/M32C-25 LARGE AIR CONDITIONER	

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?
A/M32C-25 LARGE AIR CONDITIONER							/				
(2010)	0						/				
(2011)	0						/				
(2012) <sup>1</sup>	4	0.500	AFMC/WR-ALC		C	FFP W/OPT	Unknown / Unknown	Jan-12	Sep-13	Y	
(2012 OCO)	0						/				

**Remarks**

(1) FY12 will be a 7 year requirements contract with a 2 year basic ordering period and five 1 year options. Estimated Award Date: January 2012. First Article acceptance to be September 2013.

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<b>Exhibit P-40, Budget Item Justification</b>	Date: February 2011
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 82</b>	P-1 Line Item Nomenclature <b>ITEMS LESS THAN \$5 MILLION</b>

Program Element for Code B Items			Other Related Program Elements										
	ID Code	Prior Years	FY 2010	FY 2011	FY 2012	FY 2012 OCO	FY 2012 Total	FY 2013	FY 2014	FY 2015	FY 2016	To Comp	Total
Proc Qty	A	N/A					0					N/A	N/A
Total Proc Cost(\$ M)		N/A	18.998	38.395	12.603	0.000	12.603	25.401	20.679	22.787	20.570	N/A	N/A

**Description**

The Items Less Than \$5 Million line procures replacement organizational and intermediate (common and peculiar) support equipment for out-of-production aircraft. Common items (used on more than one weapon system) and peculiar items (unique to one weapon system) directly support aircraft maintenance and servicing requirements. These replacement items ensure continuation of serviceable equipment over the life of a weapon system, and consist of over 2,800 national stock numbered (NSN) items as well as numerous items which are non-stock listed (NSL).

**FY 2012 Program Justification**

FY2012 procurement dollars in the amount of \$12.603M procures aircraft replacement items in support of installation and unit mission requirements for Air Force personnel.

Items requested in FY12 are a continuing requirement, are identified on the following P-40A and are representative of items being procured. Items procured during execution may change based on critical equipment needed to support current Air Force mission requirements.

**UNCLASSIFIED**

<b>Exhibit P-40A, Budget Item Justification for Aggregated Items</b>	Date: February 2011
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 82</b>	P-1 Line Item Nomenclature <b>ITEMS LESS THAN \$5 MILLION</b>

Weapon System Cost Elements	Ident Code	Total Cost in Millions of Dollars											
		Prior Years			FY 2010			FY 2011			FY 2012		
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
MAJOR PROCUREMENTS													
30MM AMMUNITION LOADER GFU-7	A				1	0.638	0.638	3	1.027	3.082	1	3.539	3.539
TEST SET, TRANSPONDER	A							127	0.013	1.603	70	0.013	0.902
COMMON AIRCRAFT PORTABLE REPROGRAMMING EQUIPMENT (CAPRE)	A						1.045			1.045			1.045
MINOR PROCUREMENTS (GROUPED BY FSC) <sup>1</sup>													
FSC 1730 AIRCRAFT GROUND SERVICING EQUIPMENT	A				2		3.222	46		9.037	3		1.617
FSC 4120 AIR CONDITIONING EQUIPMENT	A							1		0.898			
FSC 4920 AIRCRAFT MAINT SHOP SPECIALIZED EQP	A				55		10.690	88		15.742	18		4.138
FSC 4930 LUBRICATION and DISPENSING EQUIPMENT	A							1		0.428			
FSC 5180 SETS, KITS, and OUTFITS OF HAND TOOLS	A				3		0.717	49		1.182	1		0.405
FSC 6125 CONVERTOR, ELECTRICAL, ROTATING	A							8		2.150			
FSC 6625 ELECT and ELECTRONIC PROPERTIES INSTRUMENT	A				17		2.401	28		2.223	9		0.957
FSC 6635 PHYSICAL PROPERTIES TESTING AND INSPECTION EQUIPMENT	A				4		0.285						
FSC 6650 OPTICAL INSTRUMENTS	A							8		1.005			
TOTAL PROGRAM:				0.000			18.998			38.395			12.603

**Remarks**

**FEDERAL STOCK CLASS (FSC)**

(1) MINOR PROCUREMENTS CONSIST OF MULTIPLE LOW QUANTITY PURCHASES WITH AN AGGREGATE COST.

**UNCLASSIFIED**

<b>Exhibit P-40A, Budget Item Justification for Aggregated Items</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 82</b>	P-1 Line Item Nomenclature <b>ITEMS LESS THAN \$5 MILLION</b>
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Weapon System Cost Elements	Ident Code	Total Cost in Millions of Dollars					
		FY 2012 OCO			Cost to Complete		
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
MAJOR PROCUREMENTS							
30MM AMMUNITION LOADER GFU-7	A						
TEST SET, TRANSPONDER	A						
COMMON AIRCRAFT PORTABLE REPROGRAMMING EQUIPMENT (CAPRE)	A						
MINOR PROCUREMENTS (GROUPED BY FSC) <sup>1</sup>							
FSC 1730 AIRCRAFT GROUND SERVICING EQUIPMENT	A						
FSC 4120 AIR CONDITIONING EQUIPMENT	A						
FSC 4920 AIRCRAFT MAINT SHOP SPECIALIZED EQP	A						
FSC 4930 LUBRICATION and DISPENSING EQUIPMENT	A						
FSC 5180 SETS, KITS, and OUTFITS OF HAND TOOLS	A						
FSC 6125 CONVERTOR, ELECTRICAL, ROTATING	A						
FSC 6625 ELECT and ELECTRONIC PROPERTIES INSTRUMENT	A						
FSC 6635 PHYSICAL PROPERTIES TESTING AND INSPECTION EQUIPMENT	A						
FSC 6650 OPTICAL INSTRUMENTS	A						
TOTAL PROGRAM:				0.000			0.000

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<b>Exhibit P-40, Budget Item Justification</b>	Date: February 2011
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 82</b>	P-1 Line Item Nomenclature <b>ADVANCED DIGITAL TEST STATION</b>

Program Element for Code B Items			Other Related Program Elements										
	ID Code	Prior Years	FY 2010	FY 2011	FY 2012	FY 2012 OCO	FY 2012 Total	FY 2013	FY 2014	FY 2015	FY 2016	To Comp	Total
Proc Qty	A	N/A					0					N/A	N/A
Total Proc Cost(\$ M)		149.635	20.080	5.742	13.446	0.000	13.446	11.382	0.000	0.000	0.000	11.382	211.667

**Description**

The Advanced Digital Test Station (ADTS) is a Commercial Off The Shelf (COTS) B-1 LRU test system that replaces 1970s vintage Digital (DIG)/Digital Analog Video (DAV) test stations along with the rehost of all affected Test Program Sets.

ADTS is fully automated, programmable, stimulus generating, response measuring, intermediate automatic test equipment that will checkout, align, and fault isolate 77 avionics Line Replaceable Units (LRUs). ADTS interfaces to LRUs via Test Program Sets (TPS). TPSs are required to perform the automated testing and fault isolation of the Unit Under Test (UUT).

This test station supports B-1 avionics LRUs, and ultimately impacts B-1 mission capability for Global Attack missions. The Automatic Test Equipment (ATE) presently supporting the 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 equipment.

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

The procurement of the TPS Rehost is associated with the initial program acquisition cost. The test station (ADTS) and each unique B-1 LRU test program set (TPS) are dependent to each other, and the Rehost is required for full avionics B-1 LRU test capability. The new ADTS platform requires compatibility with the LRU Interface Test Adapters (ITA).

**FY 2012 Program Justification**

FY2012 procurement dollars in the amount of \$13.446M procures TPS rehost (Time and Material costs) and ADTS ICO through completion of the TPS rehost effort along with station relocation and program transition to WR-ALC PGM which is estimated to occur in FY2014.

Funding required for acquisition of major B-1 digital test equipment (ADTS), Test Program Sets (TPS) and Interface Test Adapters (ITA) that are required to test B-1 digital LRUs and for timely software/hardware corrections and upgrades during TPS rehost integration to the ADTS platform.

Items requested in FY12 are identified on the following P5, and are representative of items to be procured. Items procured during execution may change based on critical

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<b>Exhibit P-40, Budget Item Justification</b>	Date: February 2011
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 82</b>	P-1 Line Item Nomenclature <b>ADVANCED DIGITAL TEST STATION</b>
equipment needed to support current Air Force mission requirements.	
P-1 Shopping List Item No. 82	<b>Budget Item Justification Exhibit P-40, page 2 of 4</b>

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<b>Exhibit P-5, Weapon System Cost Analysis</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 82</b>	P-1 Line Item Nomenclature <b>ADVANCED DIGITAL TEST STATION</b>
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Weapon System Cost Elements	Ident Code	Total Cost in Millions of Dollars											
		Prior Years			FY 2010			FY 2011			FY 2012		
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
Test Program Sets (TPS)	A			149.635	29	0.692	20.080	8	0.718	5.742	16	0.840	13.446
<b>TOTAL PROGRAM:</b>				149.635			20.080			5.742			13.446

**Remarks**

Unit costs for FY12 are assumed and are subject to change.

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<b>Exhibit P-5, Weapon System Cost Analysis</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 82</b>	P-1 Line Item Nomenclature <b>ADVANCED DIGITAL TEST STATION</b>
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Weapon System Cost Elements	Ident Code	Total Cost in Millions of Dollars					
		FY 2012 OCO			Cost to Complete		
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
Test Program Sets (TPS)	A				12	0.949	11.382
<b>TOTAL PROGRAM:</b>				0.000			11.382

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<b>Exhibit P-40, Budget Item Justification</b>	Date: February 2011
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 82</b>	P-1 Line Item Nomenclature <b>VERSATILE DEPOT AUTOMATIC TEST STATION (VDATS)</b>

Program Element for Code B Items			Other Related Program Elements										
	ID Code	Prior Years	FY 2010	FY 2011	FY 2012	FY 2012 OCO	FY 2012 Total	FY 2013	FY 2014	FY 2015	FY 2016	To Comp	Total
Proc Qty	A	N/A					0					N/A	N/A
Total Proc Cost(\$ M)		N/A	29.079	12.763	14.835	0.000	14.835	13.835	7.500	7.500	9.000	N/A	N/A

**Description**

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

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

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

VDATS Digital Analog (DA-1)- No FY2012 funding requested.

VDATS Digital Analog (DA-2) includes the Cross Point Matrix (CPM) which provides a true hybrid test capability to the Test Program Set (TPS) developer and provides the switching technology required to connect any digital pin on VDATS to the appropriate analog instrumentation without additional ITA complexity, with additional Hybrid/Digital pins.

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

VDATS Tech Refresh will support updates to the VDATS System Integration Laboratory (SIL) requirements. This effort will consist of future instruments updates, Interface Test Adapters (ITAs), testing, technical data, and overall station software support. Station software includes all applications necessary for complete station operations with all associated drivers and ADE. As additional unit under test (UUT) requirements are identified, the SIL will provide a means to verify suggested instrument modifications to the VDATS configurations. Instrument requirements over and above the current VDATS configuration will be tested and approved to ensure commonality among customers. This would include, but not be limited to, the current digital and radio-frequency (RF) test capability and any future capability enhancements deemed necessary to support future test requirements, as well as, any other sub-system or instrumentation that will contribute to the continuous overall functionality of the VDATS as a family of testers.

<p><b>Exhibit P-40, Budget Item Justification</b></p>	<p align="right">Date: February 2011</p>
<p>Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number  <b>Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 82</b></p>	<p>P-1 Line Item Nomenclature  <b>VERSATILE DEPOT AUTOMATIC TEST STATION (VDATS)</b></p>
<p><b><u>Description Continued</u></b></p> <p>VDATS Calibration Equipment - No FY2012 funding requested.</p> <p>VDATS Performance Based Acquisition (PBA)- No FY2012 funding requested.</p> <p>The VDATS requirements are to support system repairs, testing and development of test program set (TPS). Modern combat missions rely on rapid repair of the Unit Under Test (UUT). Without VDATS, testing and repair of system assets will be hampered. Therefore, aircraft mission capabilities rates are degraded, rapid response to combat mission is impeded and risk of mission failure and possible loss of aircraft substantially increases.</p> <p>The Integrated Life Cycle Management (ILCM) Executive Agent for Automatic Test Systems (ATS) is focused on reducing weapon system unique ATS through replacement with a Common Versatile ATS tester that can perform test across multiple weapons platforms. The ATS Program Management Office also ensures collaborative requirements planning on new ATS fielding to reduce proliferation of new weapon system unique ATS. The ATS requirements described in this document were evaluated/approved by the ATS PMO and are in line with USAF ATS objectives.</p> <p><b>FY 2012 Program Justification</b></p> <p>FY2012 procurement dollars in the amount of \$14.835M procures 6 EA Versatile Depot Automatic Test Station (VDATS)DA-2 and 7 EA Versatile Depot Automatic Test Station (VDATS)RF-1 in support of installation and unit mission requirements for Air Force Personnel.</p> <p>Items requested in FY12 are a continuing requirement, are identified on the following P-5 and are representative of items to be procured. Items procured during execution may change based on critical equipment needed to support current Air Force mission requirements.</p>	
<p align="center">P-1 Shopping List Item No. 82</p> <p align="right"><b>Budget Item Justification Exhibit P-40, page 2 of 8</b></p>	

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<b>Exhibit P-5, Weapon System Cost Analysis</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 82</b>	P-1 Line Item Nomenclature <b>VERSATILE DEPOT AUTOMATIC TEST STATION (VDATS)</b>
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Weapon System Cost Elements	Ident Code	Total Cost in Millions of Dollars											
		Prior Years			FY 2010			FY 2011			FY 2012		
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
VDATS DA-1 4920-01-553-0693KV	A				8	0.900	7.200	2	0.900	1.800			
VDATS DA-2 4920-01-553-1534KV	A				10	1.500	15.000	4	1.500	6.000	6	1.500	9.000
VDATS RF-1 4920-01-553-1535KV	A				6	0.500	3.000	3	0.500	1.500	7	0.500	3.500
VDATS ENGINEERING (TECH. REFRESH)	A						0.564			0.500			2.335
VDATS CALIBRATION EQUIPMENT	A				5	0.376	1.880	3	0.376	1.128			
VDATS PERFORMANCED BASED ACQUISITION	A						1.360			1.760			
VDATS PRODUCTION SUPPORT SERVICES	A						0.075			0.075			
<b>TOTAL PROGRAM:</b>				0.000			29.079			12.763			14.835

**Remarks**

Unit costs for FY12 are assumed and are subject to change.

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

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<b>Exhibit P-5, Weapon System Cost Analysis</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 82</b>	P-1 Line Item Nomenclature <b>VERSATILE DEPOT AUTOMATIC TEST STATION (VDATS)</b>
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Weapon System Cost Elements	Ident Code	Total Cost in Millions of Dollars					
		FY 2012 OCO			Cost to Complete		
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
VDATS DA-1 4920-01-553-0693KV	A						
VDATS DA-2 4920-01-553-1534KV	A						
VDATS RF-1 4920-01-553-1535KV	A						
VDATS ENGINEERING (TECH. REFRESH)	A						
VDATS CALIBRATION EQUIPMENT	A						
VDATS PERFORMANCED BASED ACQUISITION	A						
VDATS PRODUCTION SUPPORT SERVICES	A						
<b>TOTAL PROGRAM:</b>				0.000			0.000

Exhibit P-5A, Procurement History and Planning									Date: February 2011		
Appropriation (Treasury) Code/CC/BA/Bs/Item Control Number: <b>Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 82</b>									P-1 Line Item Nomenclature: <b>VERSATILE DEPOT AUTOMATIC TEST STATION (VDATS)</b>		
<u>Weapon System</u>						Subline Item					
VERSATILE DEPOT AUTOMATIC TEST STATION (VDATS)											
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?
VDATS DA-1 4920-01-553-0693KV											
(2010) <sup>1</sup>	8	0.900	AFMC/WR-ALC		C	FFP W/OPT	UNKNOWN / UNKNOWN	Feb-11	May-11	Y	
(2011)	2	0.900	AFMC/WR-ALC		OPT		UNKNOWN / UNKNOWN	Jul-11	Nov-11	Y	
(2012)											
(2012 OCO)											
(2013)											
(2014)											
(2015)											
(2016)											
VDATS DA-2 4920-01-553-1534KV											
(2010) <sup>1</sup>	10	1.500	AFMC/WR-ALC		C	FFP W/OPT	UNKNOWN / UNKNOWN	Feb-11	May-11	Y	
(2011)	4	1.500	AFMC/WR-ALC		OPT		UNKNOWN / UNKNOWN	Jul-11	Nov-11	Y	

P-1 Shopping List Item No. 82

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

Exhibit P-5A, Procurement History and Planning									Date: February 2011		
Appropriation (Treasury) Code/CC/BA/Bs/Item Control Number: <b>Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 82</b>									P-1 Line Item Nomenclature: <b>VERSATILE DEPOT AUTOMATIC TEST STATION (VDATS)</b>		
Weapon System						Subline Item					
VERSATILE DEPOT AUTOMATIC TEST STATION (VDATS)											
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?
(2012)	6	1.500	AFMC/WR-ALC	Jul-10	OPT		UNKNOWN / UNKNOWN	May-12	Oct-12	Y	
(2012 OCO)							/				
(2013)							/				
(2014)							/				
(2015)							/				
(2016)							/				
VDATS RF-1 4920-01-553-1535KV							/				
(2010) <sup>1</sup>	6	0.500	AFMC/WR-ALC		C	FFP W/OPT	UNKNOWN / UNKNOWN	Feb-11	May-11	Y	
(2011)	3	0.500	AFMC/WR-ALC		OPT		UNKNOWN / UNKNOWN	Jul-11	Nov-11	Y	
(2012)	7	0.500	AFMC/WR-ALC		OPT		UNKNOWN / UNKNOWN	May-12	Oct-12	Y	
(2012 OCO)											
(2013)											

<b>Exhibit P-5A, Procurement History and Planning</b>								Date: February 2011			
Appropriation (Treasury) Code/CC/BA/Bs/Item Control Number: <b>Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 82</b>								P-1 Line Item Nomenclature: <b>VERSATILE DEPOT AUTOMATIC TEST STATION (VDATS)</b>			
<u>Weapon System</u>						Subline Item					
VERSATILE DEPOT AUTOMATIC TEST STATION (VDATS)											
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?
(2014)							/				
(2015)							/				
(2016)							/				
VDATS CALIBRATION EQUIPMENT							/				
(2010) <sup>1</sup>	5	0.376	AFMC/WR-ALC		C	FFP W/OPT	UNKNOWN / UNKNOWN	Feb-11	May-11	Y	
(2011)	3	0.376	AFMC/WR-ALC		OPT		UNKNOWN / UNKNOWN	May-11	Oct-12	Y	
(2012)							/				
(2012 OCO)							/				
(2013)							/				
(2014)							/				
(2015)							/				
(2016)							/				
<u>Remarks</u>											
P-1 Shopping List Item No. 82								Procurement History and Planning Exhibit P-5A, page 7 of 8			

<b>Exhibit P-5A, Procurement History and Planning</b>		Date: February 2011
Appropriation (Treasury) Code/CC/BA/Bs/Item Control Number: <b>Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 82</b>		P-1 Line Item Nomenclature: <b>VERSATILE DEPOT AUTOMATIC TEST STATION (VDATS)</b>
<b>Weapon System</b>	Subline Item	
VERSATILE DEPOT AUTOMATIC TEST STATION (VDATS)		
Cost information is in actual dollars.		
<p>(1) FY10 procurement scheduled to award Feb 2011 will consist of a new Performance Based Acquisition (PBA) competitive contract with 5 year options.</p>		
P-1 Shopping List Item No. 82		Procurement History and Planning Exhibit P-5A, page 8 of 8

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<b>Exhibit P-40, Budget Item Justification</b>	Date: February 2011
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 82</b>	P-1 Line Item Nomenclature <b>Portable Automated Test Set-50</b>

Program Element for Code B Items			Other Related Program Elements										
	ID Code	Prior Years	FY 2010	FY 2011	FY 2012	FY 2012 OCO	FY 2012 Total	FY 2013	FY 2014	FY 2015	FY 2016	To Comp	Total
Proc Qty	A	N/A					0					N/A	N/A
Total Proc Cost(\$ M)		N/A	0.000	0.000	7.217	0.000	7.217	7.061	7.297	0.000	0.000	N/A	N/A

**Description**

The Portable Automated Test Station (PATS) provides the user capability to trouble shoot the Avionics System, Weapons bus, and Armament system on the A-10A/C aircraft. It also provides capabilities to load Operational Flight Programs to the various Avionics components on the A-10-A/C aircraft. All A-10 aircraft are being upgraded to A-10C configuration. The PATS model -30 (P/N 04852-0100-30) is facing obsolescence challenges and becoming quickly unsupported. The PATS model -50 (P/N 04852-0100-50) increases capability, reduces equipment down time, and enhances maintainer trouble shooting capability on the aircraft, ensuring that A-10 mission capability is maintained.

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

**FY 2012 Program Justification**

FY2012 procurement dollars in the amount of \$7.217M procures 26 sets of PATS model -50 in support of installation and unit mission requirements for Air Force personnel.

Increasing maintenance costs and downtime due to obsolescence have made the PATS model -30 uneconomical and practically impossible to support. The original vendor for the main parts no longer produces these parts. As the PATS model -30 becomes less supportable than it already is, it will be unable to accommodate the required testing of the various A-10 systems. Consequences include increased Mission Capability hours, higher Re-Test OK (RTOK) rates, reduced aircraft availability, greater repair costs and fewer assets in the pipeline. The PATS model -50 provides improved diagnostic capabilities resulting in less erroneous pulls of avionics components on the A-10 and overcomes our obsolescence issues. The PATS model -50 reduces the amount of time required to trouble shoot the A-10 Avionics significantly with more accuracy. The PATS model -50 significantly reduces supportability requirements while increasing maintenance capabilities, ensuring the sustainment and mission capability of the A-10 aircraft.

Items requested in FY12 are a continuing requirement, 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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<b>Exhibit P-5, Weapon System Cost Analysis</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 82</b>	P-1 Line Item Nomenclature <b>Portable Automated Test Set-50</b>
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Weapon System Cost Elements	Ident Code	Total Cost in Millions of Dollars												
		Prior Years			FY 2010			FY 2011			FY 2012			
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	
Portable Automated Test Station-50	A											26	0.278	7.217
<b>TOTAL PROGRAM:</b>				0.000			0.000			0.000				7.217

**Remarks**

Unit costs for FY2012 are assumed and are subject to change.

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<b>Exhibit P-5, Weapon System Cost Analysis</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 82</b>	P-1 Line Item Nomenclature <b>Portable Automated Test Set-50</b>
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Weapon System Cost Elements	Ident Code	Total Cost in Millions of Dollars					
		FY 2012 OCO			Cost to Complete		
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
Portable Automated Test Station-50	A						
<b>TOTAL PROGRAM:</b>				0.000			0.000



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<b>Exhibit P-40, Budget Item Justification</b>	Date: February 2011
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 82</b>	P-1 Line Item Nomenclature <b>VERSAMODULE EXTENSIONS FOR INSTRUMENTATION IMPROVED AVIONICS INTERMEDIATE SHOP (VXI-IAIS)</b>

Program Element for Code B Items			Other Related Program Elements										
	ID Code	Prior Years	FY 2010	FY 2011	FY 2012	FY 2012 OCO	FY 2012 Total	FY 2013	FY 2014	FY 2015	FY 2016	To Comp	Total
Proc Qty	A	N/A					0					N/A	N/A
Total Proc Cost(\$ M)		N/A	0.000	0.000	12.723	0.000	12.723	7.061	0.000	0.000	0.000	N/A	N/A

**Description**

The Versamodule Extensions for Instrumentation Improved Avionics Intermediate Shop (VXI-IAIS) is a mobile test station which provides performance and diagnostic testing of F-16 avionics Line Replaceable Units (LRUs). The VXI-IAIS test station is self-contained in two-man portable cases, greatly improving mobility for deployment purposes. Its predecessor, the IAIS is used throughout the United States Air Force in all Major Commands. The VXI-IAIS enhances and greatly improves the test capability previously maintained by the IAIS through the implementation of versatile modern technology in a modular, standards-based Commercial Off-The-Shelf (COTS) instruments design. The VXI-IAIS test station consists of an upgraded Control and Display Unit (CDU) with the incorporation of Serial Attached Small Computer Serial Interface (SAS SCSI) bus architecture and associated media storage devices, along with new VXI Instrument Unit A (IUA), instrument Unit B (IUB), and Radio Frequency Microwave Unit (MU) measurement upgrades.

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

**FY 2012 Program Justification**

FY2012 procurement dollars in the amount of \$12.723M procures 5 VXI-IAIS(s) in support of installation and unit mission requirements for Air Force personnel. There are no FY2012 OCO requirements.

The F-16 Improved Avionics Intermediate Shop (IAIS) test station was fielded in 1994 with production ending in 2002. Its shelf life was specified to be 15 years. Test stations are now 8 to 16 years old. Disk drives are obsolete and unsupported. Diminishing Manufacturing Sources and Material Shortages (DMSMS) pose a significant risk as available repair and/or replacement parts continue to decrease. 66% of IAIS Tester Replaceable Units (TRUs) and Shop Replaceable Units (SRUs) contain known obsolete parts. DMSMS issues have resulted in failed test stations which have become unavailable for extended periods of time. Consequences include increased Mission Capability hours resulting in reduced aircraft capability, greater repair costs, and fewer assets in the pipeline. IAIS sustainment costs are projected to be \$237M through 2030. The VXI-IAIS implements versatile modern technology in a modular, standards-based COTS instruments design that facilitates future supportability. VXI-IAIS procurement and sustainment is projected to require \$112M through 2030 with investment cost payback in 5 years, resulting in a cost savings of \$125M to the United States Air Force.

Items requested in FY12 are a continuing requirement, are identified on the following P-5 and are representative of items to be procured. Items procured during execution may

P-1 Shopping List Item No. 82

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

UNCLASSIFIED

<b>Exhibit P-40, Budget Item Justification</b>	Date: February 2011
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 82</b>	P-1 Line Item Nomenclature <b>VERSAMODULE EXTENSIONS FOR INSTRUMENTATION IMPROVED AVIONICS INTERMEDIATE SHOP (VXI-IAIS)</b>
change based on critical equipment needed to support current Air Force mission requirements.	
P-1 Shopping List Item No. 82	<b>Budget Item Justification Exhibit P-40, page 2 of 5</b>



**UNCLASSIFIED**

<b>Exhibit P-5, Weapon System Cost Analysis</b>	Date: February 2011
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 82</b>	P-1 Line Item Nomenclature <b>VERSAMODULE EXTENSIONS FOR INSTRUMENTATION IMPROVED AVIONICS INTERMEDIATE SHOP (VXI-IAIS)</b>

Weapon System Cost Elements	Ident Code	Total Cost in Millions of Dollars					
		FY 2012 OCO			Cost to Complete		
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
Versamodule Extensions for Instrumentation Improved Avionics Intermediate Shop	A						
<b>TOTAL PROGRAM:</b>				0.000			0.000

<b>Exhibit P-5A, Procurement History and Planning</b>										Date: February 2011	
Appropriation (Treasury) Code/CC/BA/Bs/Item Control Number: <b>Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 82</b>										P-1 Line Item Nomenclature: <b>VERSAMODULE EXTENSIONS FOR INSTRUMENTATION IMPROVED AVIONICS INTERMEDIATE SHOP (VXI-IAIS)</b>	
<b>Weapon System</b>					Subline Item						
VERSAMODULE EXTENSIONS FOR INSTRUMENTATION IMPROVED AVIONICS INTERMEDIATE SHOP (VXI-IAIS)											
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?
Versamodule Extensions for Instrumentation Improved Avionics Intermediate Shop							/				
(2010)							/				
(2011)							/				
(2012)	5	2.545	AFMC/OO-ALC		MIPR-OTH		Unknown / Unknown	Apr-12	Oct-13	Y	
(2012 OCO)							/				
(2013)							/				
(2014)							/				
(2015)							/				
(2016)							/				
<b>Remarks</b>											
P-1 Shopping List Item No. 82						Procurement History and Planning Exhibit P-5A, page 5 of 5					

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<b>Exhibit P-40, Budget Item Justification</b>	Date: February 2011
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 82</b>	P-1 Line Item Nomenclature <b>STORES SYSTEM TESTER (SST) - ORGANIZATION LEVEL</b>

Program Element for Code B Items			Other Related Program Elements										
	ID Code	Prior Years	FY 2010	FY 2011	FY 2012	FY 2012 OCO	FY 2012 Total	FY 2013	FY 2014	FY 2015	FY 2016	To Comp	Total
Proc Qty	A	N/A					0					N/A	N/A
Total Proc Cost(\$ M)		N/A	6.297	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	N/A	N/A

**Description**

The Stores System Tester - Organizational (SSTO) replaces the Stores Management System (SMS) tester which performs on-aircraft organizational level functional and fault isolation tests on the F-16 aircraft. Tester sustainability, parts obsolescence, and resulting tester shortages are creating severe limitations on mission accomplishment. Procurement of existing testers is not an option due to diminishing manufacturing sources (DMS). Procurement of the SSTO fills existing tester shortages and precludes further DMS complications.

The current test set is uneconomical to maintain due to obsolete and outdated parts. Older test sets are failing at higher rates, are becoming increasingly more difficult to repair, and are no longer reliable for determining the cause of F-16 SMS failures. If a replacement tester is not made available, essential SMS maintenance will lag, impacting timely weapons loading on the aircraft; thus reducing F-16 mission and aircraft capability.

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

**FY 2012 Program Justification**

No FY12 funding requested.

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<b>Exhibit P-40A, Budget Item Justification for Aggregated Items</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 82</b>	P-1 Line Item Nomenclature <b>STORES SYSTEM TESTER (SST) - ORGANIZATION LEVEL</b>
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Weapon System Cost Elements	Ident Code	Total Cost in Millions of Dollars											
		Prior Years			FY 2010			FY 2011			FY 2012		
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
Stores System Tester - Organization Level	A				21	0.300	6.297						
<b>TOTAL PROGRAM:</b>				0.000			6.297			0.000			0.000

**Remarks**

**UNCLASSIFIED**

<b>Exhibit P-40A, Budget Item Justification for Aggregated Items</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 82</b>	P-1 Line Item Nomenclature <b>STORES SYSTEM TESTER (SST) - ORGANIZATION LEVEL</b>
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Weapon System Cost Elements	Ident Code	Total Cost in Millions of Dollars					
		FY 2012 OCO			Cost to Complete		
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
Stores System Tester - Organization Level	A						
<b>TOTAL PROGRAM:</b>				0.000			0.000

<b>Exhibit P-5A, Procurement History and Planning</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/Bs/Item Control Number: <b>Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 82</b>	P-1 Line Item Nomenclature: <b>STORES SYSTEM TESTER (SST) - ORGANIZATION LEVEL</b>
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<u>Weapon System</u>	Subline Item
STORES SYSTEM TESTER (SST) - ORGANIZATION LEVEL	

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?
Stores System Tester - Organization Level							/				
(2010)	21	0.300	AFMC/OO-ALC		DO		BAE SYSTEM / NASHUA, NH	Jul-10	Jul-11	Y	
(2011)							/				
(2012)							/				
(2012 OCO)							/				
(2013)							/				
(2014)							/				
(2015)							/				
(2016)							/				

**Remarks**

**UNCLASSIFIED**

<b>Exhibit P-40, Budget Item Justification</b>	Date: February 2011
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 82</b>	P-1 Line Item Nomenclature <b>RACKMOUNT IMPROVED AVIONICS INTERMEDIATE SHOP TEST STATION</b>

Program Element for Code B Items			Other Related Program Elements										
	ID Code	Prior Years	FY 2010	FY 2011	FY 2012	FY 2012 OCO	FY 2012 Total	FY 2013	FY 2014	FY 2015	FY 2016	To Comp	Total
Proc Qty	A	N/A					0					N/A	N/A
Total Proc Cost(\$ M)		N/A	0.000	0.000	9.456	0.000	9.456	0.000	0.000	0.000	0.000	N/A	N/A

**Description**

The Rackmount Improved Avionics Intermediate Shop (R-IAIS) is a test station which provides performance and diagnostic testing of F-16 avionics line replaceable units (LRUs). The R-IAIS is used in environments without mobility requirements such as depots, AETC locations, as well as select ANG and AFRC locations. The R-IAIS is an integrated test system which consists of several subsystems. It utilizes a Commercial Off-The-Shelf (COTS) computer control system. The R-IAIS replaces the F-16 full size Advanced Computer Avionics Intermediate Shop (AdC AIS) set, which includes the Displays Indicator, Computer Inertial, Pneumatic Processor, and Radio Frequency test stations. The AdC AIS shop set requires over 8 pallet positions to move whereas the R-IAIS test station requires only 1 pallet position to move. The AdC AIS test station is 23 years old and is becoming obsolete and unsupportable as a result of outdated technology, diminishing/obsolete parts, and disappearing vendors. The R-IAIS increases capability, reduces equipment downtime, and enhances maintainer trouble-shooting capabilities, ensuring that F-16 aircraft mission capability is maintained.

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

**FY 2012 Program Justification**

FY2012 procurement dollars in the amount of \$9.456M procures one R-IAIS in support of installation and unit mission requirements for Air Force personnel.

Increasing maintenance costs and downtime due to age and obsolescence have made the AdC AIS test station uneconomical to maintain. It has been out of production since 1994. Many original vendors and sources of components no longer exist and/or offer their products. In June 2010, over 500 parts were identified as obsolete. As older test stations become unsupportable, they are unable to accommodate the required testing and are subject to increased malfunctions. Consequences include increased Mission Capability hours resulting in reduced aircraft capability, greater repair costs, and fewer assets in the pipeline. The R-IAIS provides "in-house" sustainment support and logistics, reduces floor space, and lowers environmental costs. It tests LRUs an average of 50% faster than older stations. The R-IAIS implements versatile and modern technology in a standards-based COTS instruments design. This facilitates future supportability with the capability of adding future LRU Test Program Sets. The R-IAIS significantly reduces supportability requirements while increasing maintenance capabilities, ensuring the sustainment and mission capability of F-16 aircraft.

Items requested in FY12 are a continuing requirement, 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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<b>Exhibit P-5, Weapon System Cost Analysis</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 82</b>	P-1 Line Item Nomenclature <b>RACKMOUNT IMPROVED AVIONICS INTERMEDIATE SHOP TEST STATION</b>
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Weapon System Cost Elements	Ident Code	Total Cost in Millions of Dollars												
		Prior Years			FY 2010			FY 2011			FY 2012			
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	
Rackmount Improved Avionics Intermediate Shop Test Station	A											1	9.456	9.456
<b>TOTAL PROGRAM:</b>				0.000			0.000			0.000				9.456

**Remarks**  
Unit costs for FY2012 are assumed and subject to change.

**UNCLASSIFIED**

<b>Exhibit P-5, Weapon System Cost Analysis</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 82</b>	P-1 Line Item Nomenclature <b>RACKMOUNT IMPROVED AVIONICS INTERMEDIATE SHOP TEST STATION</b>
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Weapon System Cost Elements	Ident Code	Total Cost in Millions of Dollars					
		FY 2012 OCO			Cost to Complete		
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
Rackmount Improved Avionics Intermediate Shop Test Station	A						
<b>TOTAL PROGRAM:</b>				0.000			0.000

<b>Exhibit P-5A, Procurement History and Planning</b>									Date: February 2011		
Appropriation (Treasury) Code/CC/BA/Bs/Item Control Number: <b>Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 82</b>									P-1 Line Item Nomenclature: <b>RACKMOUNT IMPROVED AVIONICS INTERMEDIATE SHOP TEST STATION</b>		
<u>Weapon System</u>						Subline Item					
RACKMOUNT IMPROVED AVIONICS INTERMEDIATE SHOP TEST STATION											
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?
Rackmount Improved Avionics Intermediate Shop Test Station							/				
(2012) <sup>1</sup>	1	9.456	AFMC/OO-ALC	Nov-11	MIPR-OTH		Unknown / Unknown	Apr-12	Oct-13	Y	
<b>Remarks</b>											
(1) This purchase will be competed by GSA.											
P-1 Shopping List Item No. 82						Procurement History and Planning Exhibit P-5A, page 4 of 4					

**UNCLASSIFIED**

<b>Exhibit P-40, Budget Item Justification</b>	Date: February 2011
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 82</b>	P-1 Line Item Nomenclature <b>ADVANCED REW TEST STATION (ARTS)</b>

Program Element for Code B Items			Other Related Program Elements										
	ID Code	Prior Years	FY 2010	FY 2011	FY 2012	FY 2012 OCO	FY 2012 Total	FY 2013	FY 2014	FY 2015	FY 2016	To Comp	Total
Proc Qty	A	N/A					0					N/A	N/A
Total Proc Cost(\$ M)		N/A	0.000	7.809	11.232	0.000	11.232	7.166	1.277	0.000	0.000	N/A	N/A

**Description**

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

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

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

**FY 2012 Program Justification**

FY2012 procurements dollars in the amount of \$11.232M procures 1 each Advanced REW Test Station (ARTS), 2 each TPS and 6 each ITA copies in support of installation and unit mission requirements for Air Force Personnel.

Items requested in FY12 are a continuing requirement; are identified on the following P-5 and are representative of item to be procured. Item procured during execution may change based on critical equipment needed to support current Air Force mission requirements.

**UNCLASSIFIED**

<b>Exhibit P-5, Weapon System Cost Analysis</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 82</b>	P-1 Line Item Nomenclature <b>ADVANCED REW TEST STATION (ARTS)</b>
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Weapon System Cost Elements	Ident Code	Total Cost in Millions of Dollars											
		Prior Years			FY 2010			FY 2011			FY 2012		
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
ADVANCED REW TEST STATION (ARTS)	A							1	3.000	3.000	1	3.000	3.000
DATA	A									1.809			3.066
SELF TEST TPS	A							1	1.000	1.000			
CALIBRATION TPS	A							1	2.000	2.000			
LRU TPS	A										2	2.283	4.566
ITA COPIES	A										6	0.100	0.600
<b>TOTAL PROGRAM:</b>				0.000			0.000			7.809			11.232

**Remarks**

ITA - Interface Test Adaptor

LRU - Line Replaceable Unit

Unit costs for FY12 are assumed and are subject to change.

**UNCLASSIFIED**

<b>Exhibit P-5, Weapon System Cost Analysis</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 82</b>	P-1 Line Item Nomenclature <b>ADVANCED REW TEST STATION (ARTS)</b>
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Weapon System Cost Elements	Ident Code	Total Cost in Millions of Dollars					
		FY 2012 OCO			Cost to Complete		
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
ADVANCED REW TEST STATION (ARTS)	A						
DATA	A						
SELF TEST TPS	A						
CALIBRATION TPS	A						
LRU TPS	A						
ITA COPIES	A						
<b>TOTAL PROGRAM:</b>				0.000			0.000

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Exhibit P-5A, Procurement History and Planning									Date: February 2011		
Appropriation (Treasury) Code/CC/BA/Bs/Item Control Number: <b>Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 82</b>									P-1 Line Item Nomenclature: <b>ADVANCED REW TEST STATION (ARTS)</b>		
<u>Weapon System</u>						Subline Item					
ADVANCED REW TEST STATION (ARTS)											
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?
ADVANCED REW TEST STATION (ARTS)							/				
(2010)							/				
(2011) <sup>1</sup>	1	3.000	AFMC/WR-ALC		C	FFP W/OPT	Unknown / Unknown	May-11	Nov-12	Y	
(2012)	1	3.000	AFMC/WR-ALC		OPT		Unknown / Unknown	Jan-12	Jul-13	Y	
(2012 OCO)							/				
(2013)							/				
(2014)							/				
(2015)							/				
(2016)							/				
SELF TEST TPS							/				
(2010)							/				
(2011)	1	1.000	AFMC/WR-ALC		C	FFP	Unknown / Unknown	May-11	Nov-12	Y	

P-1 Shopping List Item No. 82

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

Exhibit P-5A, Procurement History and Planning									Date: February 2011		
Appropriation (Treasury) Code/CC/BA/Bs/Item Control Number: <b>Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 82</b>									P-1 Line Item Nomenclature: <b>ADVANCED REW TEST STATION (ARTS)</b>		
<u>Weapon System</u>						Subline Item					
ADVANCED REW TEST STATION (ARTS)											
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?
(2012)							/				
(2012 OCO)							/				
(2013)							/				
(2014)							/				
(2015)							/				
(2016)							/				
CALIBRATION TPS							/				
(2010)							/				
(2011)	1	2.000	AFMC/WR-ALC		C	FFP	Unknown / Unknown	May-11	Nov-12	Y	
(2012)							/				
(2012 OCO)							/				
(2013)							/				
(2014)							/				

<b>Exhibit P-5A, Procurement History and Planning</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/Bs/Item Control Number: <b>Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 82</b>	P-1 Line Item Nomenclature: <b>ADVANCED REW TEST STATION (ARTS)</b>
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<u>Weapon System</u>	Subline Item
ADVANCED REW TEST STATION (ARTS)	

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?
(2015)							/				
(2016)							/				
LRU TPS							/				
(2010)							/				
(2011)							/				
(2012)	2	2.283	AFMC/WR-ALC		C	FFP W/OPT	Unknown / Unknown	Jan-12	Jul-13	Y	
(2012 OCO)							/				
(2013)							/				
(2014)							/				
(2015)							/				
(2016)							/				
ITA COPIES							/				
(2010)							/				

<b>Exhibit P-5A, Procurement History and Planning</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/Bs/Item Control Number: <b>Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 82</b>	P-1 Line Item Nomenclature: <b>ADVANCED REW TEST STATION (ARTS)</b>
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<u>Weapon System</u>	Subline Item
ADVANCED REW TEST STATION (ARTS)	

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?
(2011)							/				
(2012)	6	0.100	AFMC/WR-ALC		C	FFP W/OPT	Unknown / Unknown	Jan-12	Jul-13	Y	
(2012 OCO)							/				
(2013)							/				
(2014)							/				
(2015)							/				
(2016)							/				

**Remarks**

(1) FY2011 will be a Basic Contract with 5 option years. Award date is 5/31/2011

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<b>Exhibit P-40, Budget Item Justification</b>	Date: February 2011
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 82</b>	P-1 Line Item Nomenclature <b>STORES MGMT TEST SET PROGRAM</b>

Program Element for Code B Items			Other Related Program Elements					N/A					
	<b>ID Code</b>	<b>Prior Years</b>	<b>FY 2010</b>	<b>FY 2011</b>	<b>FY 2012</b>	<b>FY 2012 OCO</b>	<b>FY 2012 Total</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>To Comp</b>	<b>Total</b>
Proc Qty	A	N/A					0					N/A	N/A
Total Proc Cost(\$ M)		N/A	4.786	4.984	0.000	0.000	0.000	0.000	5.236	5.324	5.418	N/A	N/A

**Description**

The F-15 A/B/C/D/E aircraft weapons delivery systems are currently supported by a series of Armament Testers. Various configurations of these testers (A/E24T-169/170/171/197/198/199) provide both on and off equipment operational checkout capability to support mission requirements. In addition, the flight line, intermediate shops and depot levels utilize these testers to troubleshoot, fault isolate and maintain aircraft weapons firing circuits. They also provide operational checkout capability of Line Replaceable Units (LRUs), Pylons, Adapters, Air-to-Air Launchers and Aircraft Guns Systems on a periodic basis.

These current testers are 16 years old and are uneconomical to repair due to obsolete and outdated parts. Older test sets are failing at higher rates, are becoming more difficult to repair, and are no longer reliable for troubleshooting F-15 armament system anomalies. Procurement of these testers is critical to maintaining F-15 mission capability.

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

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

\$K	FY2010	FY2011	FY2012	FY2013	FY2014	FY2015	FY2016
Guard:	\$1.316	\$1.370	\$0	\$0	\$1.437	\$1.463	\$--
Reserve:	\$--	\$--	\$--	\$--	\$--	\$--	\$--

**FY 2012 Program Justification**

No FY12 funding requested.

**UNCLASSIFIED**

<b>Exhibit P-5, Weapon System Cost Analysis</b>	Date: February 2011
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 82</b>	P-1 Line Item Nomenclature <b>STORES MGMT TEST SET PROGRAM</b>

Weapon System Cost Elements	Ident Code	Total Cost in Millions of Dollars											
		Prior Years			FY 2010			FY 2011			FY 2012		
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
ACTIVE	A				3	0.481	1.443	3	0.501	1.502			
GUARD	A				1	0.481	0.481	1	0.501	0.501			
T-197C STORES MGMT TEST SET		[0]		[0.000]	[4]	0.481	[1.924]	[4]	0.501	[2.003]	[0]		[0.000]
ACTIVE	A				3	0.359	1.076	3	0.374	1.121			
GUARD	A				1	0.359	0.359	1	0.374	0.374			
T-198B STORES MGMT TEST SET		[0]		[0.000]	[4]	0.359	[1.435]	[4]	0.374	[1.495]	[0]		[0.000]
ACTIVE	A				2	0.476	0.951	2	0.495	0.991			
GUARD	A				1	0.476	0.476	1	0.495	0.495			
T-199A STORES MGMT TEST SET		[0]		[0.000]	[3]	0.476	[1.427]	[3]	0.495	[1.486]	[0]		[0.000]
<b>TOTAL PROGRAM:</b>				0.000			4.786			4.984			0.000

**Remarks**  
 Unit costs for FY12 are assumed and are subject to change.  
  
 Stores Mgmt Test Sets vary in configurations and provide both on and off equipment operational checkout capability to support mission requirements.

**UNCLASSIFIED**

<b>Exhibit P-5, Weapon System Cost Analysis</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 82</b>	P-1 Line Item Nomenclature <b>STORES MGMT TEST SET PROGRAM</b>
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Weapon System Cost Elements	Ident Code	Total Cost in Millions of Dollars					
		FY 2012 OCO			Cost to Complete		
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
ACTIVE	A						
GUARD	A						
T-197C STORES MGMT TEST SET		[0]		[0.000]	[0]		[0.000]
ACTIVE	A						
GUARD	A						
T-198B STORES MGMT TEST SET		[0]		[0.000]	[0]		[0.000]
ACTIVE	A						
GUARD	A						
T-199A STORES MGMT TEST SET		[0]		[0.000]	[0]		[0.000]
<b>TOTAL PROGRAM:</b>				0.000			0.000

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Exhibit P-5A, Procurement History and Planning									Date: February 2011		
Appropriation (Treasury) Code/CC/BA/Bs/Item Control Number: <b>Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 82</b>									P-1 Line Item Nomenclature: <b>STORES MGMT TEST SET PROGRAM</b>		
<u>Weapon System</u>						Subline Item					
STORES MGMT TEST SET PROGRAM											
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?
T-197C STORES MGMT TEST SET							/				
(2010)	4	0.481	AFMC/WR-ALC		SS	FFP	BOEING / ST LOUIS, MO	Sep-10	Dec-12	Y	
(2011)	4	0.501	AFMC/WR-ALC		SS	FFP	BOEING / ST LOUIS, MO	Dec-10	Apr-13	Y	
(2012)	0						/				
(2012 OCO)	0						/				
T-198B STORES MGMT TEST SET							/				
(2010)	4	0.359	AFMC/WR-ALC		SS	FFP	BOEING / ST LOUIS, MO	Sep-10	Feb-13	Y	
(2011)	4	0.374	AFMC/WR-ALC		SS	FFP	BOEING / ST LOUIS, MO	Dec-10	Jun-13	Y	
(2012)	0						/				
(2012 OCO)	0						/				
T-199A STORES MGMT TEST SET							/				
(2010)	3	0.476	AFMC/WR-ALC		SS	FFP	BOEING / ST LOUIS, MO	Sep-10	Jun-12	Y	

P-1 Shopping List Item No. 82

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

<b>Exhibit P-5A, Procurement History and Planning</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/Bs/Item Control Number: <b>Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 82</b>	P-1 Line Item Nomenclature: <b>STORES MGMT TEST SET PROGRAM</b>
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<u>Weapon System</u> STORES MGMT TEST SET PROGRAM	Subline Item
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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?
(2011)	3	0.495	AFMC/WR-ALC		SS	FFP	BOEING / ST LOUIS, MO	Dec-10	Sep-12	Y	
(2012)	0						/				
(2012 OCO)	0						/				

Remarks

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<b>Exhibit P-40, Budget Item Justification</b>	Date: February 2011
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 82</b>	P-1 Line Item Nomenclature <b>STORES SYSTEM TESTER - INTERMEDIATE</b>

Program Element for Code B Items			Other Related Program Elements										
	ID Code	Prior Years	FY 2010	FY 2011	FY 2012	FY 2012 OCO	FY 2012 Total	FY 2013	FY 2014	FY 2015	FY 2016	To Comp	Total
Proc Qty	A	N/A					0					N/A	N/A
Total Proc Cost(\$ M)		N/A	0.000	5.500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	N/A	N/A

**Description**

The Stores System Tester - Intermediate (SSTI) replaces the Stores Release Equipment tester and directly impacts the Air Force's ability to safely load, carry, and launch weapons on the F-16 aircraft. The current tester accomplishes intermediate level testing of F-16 Alternate Mission Equipment (AME), which includes aircraft launchers, pylons, bomb racks, gun pods, and associated relays/adapters. The tester performs AME functional and fault isolation tests. Tester shortages are creating severe limitations on mission accomplishment. Procurement of existing testers is not an option due to diminishing manufacturing sources (DMS). Procurement of the SSTI fills the existing tester shortages and precludes further DMS complications.

The current test set is uneconomical to maintain due to obsolete and outdated parts. Older test sets are failing at higher rates, are becoming increasingly more difficult to repair, and are no longer reliable in determining the cause of AME failures. If a replacement tester is not made available, essential AME maintenance will lag, impacting timely weapons loading on the aircraft, thus reducing F-16 mission and aircraft capability.

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

**FY 2012 Program Justification**

No FY12 funding is requested.

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<b>Exhibit P-5, Weapon System Cost Analysis</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 82</b>	P-1 Line Item Nomenclature <b>STORES SYSTEM TESTER - INTERMEDIATE</b>
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Weapon System Cost Elements	Ident Code	Total Cost in Millions of Dollars											
		Prior Years			FY 2010			FY 2011			FY 2012		
		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	A							11	0.500	5.500			
TOTAL PROGRAM:				0.000			0.000			5.500			0.000

**Remarks**

**UNCLASSIFIED**

<b>Exhibit P-5, Weapon System Cost Analysis</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 82</b>	P-1 Line Item Nomenclature <b>STORES SYSTEM TESTER - INTERMEDIATE</b>
---	--

Weapon System Cost Elements	Ident Code	Total Cost in Millions of Dollars					
		FY 2012 OCO			Cost to Complete		
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
STORES SYSTEM TESTER - INTERMEDIATE LEVEL	A						
TOTAL PROGRAM:				0.000			0.000

<b>Exhibit P-5A, Procurement History and Planning</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/Bs/Item Control Number: <b>Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 82</b>	P-1 Line Item Nomenclature: <b>STORES SYSTEM TESTER - INTERMEDIATE</b>
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<u>Weapon System</u>	Subline Item
STORES SYSTEM TESTER - INTERMEDIATE	

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?
STORES SYSTEM TESTER - INTERMEDIATE LEVEL							/				
(2010)							/				
(2011)	11	0.500	AFMC/OO-ALC		DO		BAE SYSTEMS / NASHUA, NH	Feb-11	May-12	Y	
(2012)							/				
(2012 OCO)							/				

**Remarks**  
Contract is a 5 year Indefinite Delivery/Indefinite Quantity contract.

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<b>Exhibit P-40, Budget Item Justification</b>	Date: February 2011
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 83</b>	P-1 Line Item Nomenclature <b>B-1</b>

Program Element for Code B Items		0101126F		Other Related Program Elements				PE 0604226F; PE 0101126F					
	<b>ID Code</b>	<b>Prior Years</b>	<b>FY 2010</b>	<b>FY 2011</b>	<b>FY 2012</b>	<b>FY 2012 OCO</b>	<b>FY 2012 Total</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>To Comp</b>	<b>Total</b>
Proc Qty	A		0	0	0		0	0	0				0
Total Proc Cost(\$ M)		10.279	3.917	6.791	4.743	0.000	4.743	0.965	0.422	0.000	0.000		27.117

**Description**

B-1B Automatic Test Equipment (ATE), acquisition and support of other depot level equipment and tooling, and engineering repair enhancements.

**FY 2012 Program Justification**

This effort provides funding for acquisition of essential avionics test stations, test program sets and interface test adapters to rectify unacceptable B-1B test station mission capable rates. Current B-1B ATE is becoming unsupportable and test station downtime is increasing the B-1B Line Replaceable Unit (LRU) backlog with unserviceable line replaceable units. This funding will support ATE and prevent station downtime to support the LRU backlog. In addition, this funding provides for the acquisition and support of other depot-level equipment and tooling to maintain the repairable spare assets to maintain the B-1B weapon system, support the aircraft structural integrity program, and engineering repair enhancements. Funding will sustain weapon system mission capable rates and allow for the acquisition of government furnished material essential to repair critical B-1B components. Funding also supports other depot equipment requirements, including but not limited to Nose Radome program, Advanced Radar Electronic Warfare Test Station (ARTS), Advanced Digital Test Station (ADTS) and Automated Wire Test System (AWTS).

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<b>Exhibit P-5, Weapon System Cost Analysis</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 83</b>	P-1 Line Item Nomenclature <b>B-1</b>
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Weapon System Cost Elements	Ident Code	Total Cost in Millions of Dollars											
		Prior Years			FY 2010			FY 2011			FY 2012		
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
Depot Level Support Equipment	A	1		10.279	1		3.917	2		6.791	2		4.743
OTHER SUPORT COSTS SUBTOTAL		[1]		[10.279]	[1]		[3.917]	[2]		[6.791]	[2]		[4.743]
<b>TOTAL PROGRAM:</b>				10.279			3.917			6.791			4.743

**Remarks**  
Quantities represent systems with unique elements which are not condusive to unit cost comparisons.

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<b>Exhibit P-5, Weapon System Cost Analysis</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 83</b>	P-1 Line Item Nomenclature <b>B-1</b>
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Weapon System Cost Elements	Ident Code	Total Cost in Millions of Dollars					
		FY 2012 OCO			Cost to Complete		
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
Depot Level Support Equipment	A			0.000			
OTHER SUPORT COSTS SUBTOTAL		[0]		[0.000]	[1]		[0.000]
<b>TOTAL PROGRAM:</b>				0.000			0.000

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<b>Exhibit P-40, Budget Item Justification</b>	Date: February 2011
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 84</b>	P-1 Line Item Nomenclature <b>B-2A Post Prod Support</b>

Program Element for Code B Items			0101127F					Other Related Program Elements			N/A		
	ID Code	Prior Years	FY 2010	FY 2011	FY 2012	FY 2012 OCO	FY 2012 Total	FY 2013	FY 2014	FY 2015	FY 2016	To Comp	Total
Proc Qty	A		0	0	0		0	0	0				0
Cost(\$ M)			19.739	0.000	0.101	0.000	0.101	0.481	0.489	0.830	0.738		22.378
Interim Ctr Support(\$ M)			0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000
Advance Proc Cost(\$ M)							0.000						0.000
Weapon System Cost(\$ M)		0.000	19.739	0.000	0.101	0.000	0.101	0.481	0.489	0.830	0.738	0.000	22.378
Initial Spares(\$ M)							0.000						0.000
Total Proc Cost(\$ M)		0.000	19.739	0.000	0.101	0.000	0.101	0.481	0.489	0.830	0.738	0.000	22.378
Flyaway Unit Cost(\$ M)							0.000						0.000
Wpn Sys Unit Cost(\$ M)		36.425		5.462	10.080		10.080	7.683	7.584	5.988	12.275		85.497

**Description**

Post Production Support funds are used for the Weapon System Support Center - System Integration Laboratory (WSSC-SIL). The B-2 WSSC-SIL lab is a one-of-a-kind facility that develops, maintains, integrates, tests and certifies 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. As well as procure non-stock listed piece parts and other peculiar support equipment.

Interim Contractor Support (ICS) provides maintenance and repair capability for depot level reparable (DLRs) to meet Air Force Global Strike Command (AFGSC) operational requirements for the B-2 weapon system. ICS funds will fund repairs until all components are depot activated. The current 321 LRUs/SRUs are scheduled to transition in their entirety by FY-2017 with the current depot activation schedule.

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

**FY 2012 Program Justification**

ICS Funding requirements continue until depot activation is complete (currently ICS continues through FY17). Without the ICS funding, Total Non-Mission Capable for Supply (TNMCS) rates will increase and Aircraft Availability Improvement Program (AAIP) goals will not be met and eventually ground the fleet.

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

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<b>Exhibit P-5, Weapon System Cost Analysis</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 84</b>	P-1 Line Item Nomenclature <b>B-2A Post Prod Support</b>
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Weapon System Cost Elements	Ident Code	Total Cost in Millions of Dollars											
		Prior Years			FY 2010			FY 2011			FY 2012		
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
B-2 WSSC LAB AND PSE -Program Code BEM000	A			36.425			19.739			0.000			0.000
B-2 EHF SATCOM - Program Code BDF000	A												0.101
<b>TOTAL PROGRAM:</b>				<b>36.425</b>			<b>19.739</b>			<b>0.000</b>			<b>0.101</b>

**Remarks**

ICS and WSSC funding can also be found in P-1 line 85.

Total funding for ICS and WSSC lab support from FY10-16 is:

	FY10	FY11	FY12	FY13	FY14	FY15	FY16
ICS	24.405M	20.755M	39.340M	39.627M	40.002M	40.070M	32.707M
WSSC	19.739M	5.462M	10.080M	7.683M	7.584M	5.988M	12.275

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<b>Exhibit P-5, Weapon System Cost Analysis</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 84</b>	P-1 Line Item Nomenclature <b>B-2A Post Prod Support</b>
---	---

Weapon System Cost Elements	Ident Code	Total Cost in Millions of Dollars					
		FY 2012 OCO			Cost to Complete		
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
B-2 WSSC LAB AND PSE -Program Code BEM000	A						
B-2 EHF SATCOM - Program Code BDF000	A						
<b>TOTAL PROGRAM:</b>				0.000			0.000

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<b>Exhibit P-40, Budget Item Justification</b>	Date: February 2011
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 85</b>	P-1 Line Item Nomenclature <b>B-2A ICS</b>

Program Element for Code B Items			N/A11					Other Related Program Elements				N/A	
	ID Code	Prior Years	FY 2010	FY 2011	FY 2012	FY 2012 OCO	FY 2012 Total	FY 2013	FY 2014	FY 2015	FY 2016	To Comp	Total
Proc Qty	A						0						0
Cost(\$ M)			0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000
Interim Ctr Support(\$ M)			24.405	26.217	49.319	0.000	49.319	47.099	47.097	45.228	44.244		283.609
Advance Proc Cost(\$ M)							0.000						0.000
Weapon System Cost(\$ M)		0.000	24.405	26.217	49.319	0.000	49.319	47.099	47.097	45.228	44.244	0.000	283.609
Initial Spares(\$ M)							0.000						0.000
Total Proc Cost(\$ M)		0.000	24.405	26.217	49.319	0.000	49.319	47.099	47.097	45.228	44.244	0.000	283.609
Flyaway Unit Cost(\$ M)							0.000						0.000
Wpn Sys Unit Cost(\$ M)							0.000						0.000

**Description**

Totals include funding for PRCP Program Number 224, B-2 EHF.

Interim Contractor Support (ICS) provides maintenance and repair capability for depot level reparable (DLRs) to meet Air Force Global Strike Command (AFGSC) operational requirements for the B-2 weapon system. The ICS program is a comprehensive repair capability repairing 321 different line replaceable units (LRUs), shop replaceable units (SRUs), airframe structures, hydro-mechanical components, and avionics components until permanent depot capability is established. ICS funds will fund repairs until all components are depot activated. The current 321 LRUs/SRUs are scheduled to transition in their entirety by FY-2017 with the current depot activation schedule.

Post Production Support funds are used for the Weapon System Support Center - System Integration Laboratory (WSSC-SIL). This funding will also acquire upgrades, integration, and testing of obsolete lab equipment. As well as procure non-stock listed piece parts and other peculiar support equipment.

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

**FY 2012 Program Justification**

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

In FY12 WSSC-SIL funding is required to engineer, rehost, and procure special test equipment (STE) for the following activities: Operational Flight Programs (OFPs) development, test, verification/validation, and sanitization, software builds certifications, upgrade and maintain flight controls software, support future B-2 upgrade programs, provide fault insertion capabilities, verify line replaceable unit (LRU) health, load firmware changes, access system memory, etc. As well as procure non-stock listed piece parts

P-1 Shopping List Item No. 85

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

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<b>Exhibit P-40, Budget Item Justification</b>	Date: February 2011
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 85</b>	P-1 Line Item Nomenclature <b>B-2A ICS</b>
<p>and other peculiar support equipment.</p> <p>Items procured during execution may change based on critical equipment needed to support current Air Force mission requirements.</p>	
P-1 Shopping List Item No. 85	<b>Budget Item Justification Exhibit P-40, page 2 of 4</b>

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<b>Exhibit P-5, Weapon System Cost Analysis</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 85</b>	P-1 Line Item Nomenclature <b>B-2A ICS</b>
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Weapon System Cost Elements	Ident Code	Total Cost in Millions of Dollars											
		Prior Years			FY 2010			FY 2011			FY 2012		
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
B-2 WSSC LAB AND PSE - Program Code BEM000	A						0.000			5.462			10.080
B-2 OPERATIONS - Program Code AP5000	A			48.523			24.405			20.755			39.239
<b>TOTAL PROGRAM:</b>				48.523			24.405			26.217			49.319

**Remarks**  
 ICS and WSSC funding can also be found in P-1 line 84.  
  
 Total funding for ICS and WSSC lab support from FY10-16 is:

	FY10	FY11	FY12	FY13	FY14	FY15	FY16
ICS	24.405M	20.755M	39.340M	39.627M	40.002M	40.070M	32.707M
WSSC	19.739M	5.462M	10.080M	7.683M	7.584M	5.988M	12.275

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<b>Exhibit P-5, Weapon System Cost Analysis</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 85</b>	P-1 Line Item Nomenclature <b>B-2A ICS</b>
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Weapon System Cost Elements	Ident Code	Total Cost in Millions of Dollars					
		FY 2012 OCO			Cost to Complete		
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
B-2 WSSC LAB AND PSE - Program Code BEM000	A						
B-2 OPERATIONS - Program Code AP5000	A						
<b>TOTAL PROGRAM:</b>				0.000			0.000

**UNCLASSIFIED**

<b>Exhibit P-40, Budget Item Justification</b>	Date: February 2011
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 86</b>	P-1 Line Item Nomenclature <b>B-52 SQUADRONS</b>

Program Element for Code B Items		N/A		Other Related Program Elements					0101113F				
	<b>ID Code</b>	<b>Prior Years</b>	<b>FY 2010</b>	<b>FY 2011</b>	<b>FY 2012</b>	<b>FY 2012 OCO</b>	<b>FY 2012 Total</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>To Comp</b>	<b>Total</b>
Proc Qty	A						0						0
Total Proc Cost(\$ M)			0.000	3.443	0.000	0.000	0.000	7.704	11.150	0.000	0.000		22.297

**Description**

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

**FY 2012 Program Justification**

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

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<b>Exhibit P-5, Weapon System Cost Analysis</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 86</b>	P-1 Line Item Nomenclature <b>B-52 SQUADRONS</b>
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Weapon System Cost Elements	Ident Code	Total Cost in Millions of Dollars												
		Prior Years			FY 2010			FY 2011			FY 2012			
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	
Other ICS	A										2.479			
Other ICS	A										0.964			
<b>TOTAL PROGRAM:</b>				0.000			0.000				3.443			0.000

**Remarks**

(1) TEST  
 (2) TEST TEST  
 (3) TEST TEST TEST

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<b>Exhibit P-5, Weapon System Cost Analysis</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 86</b>	P-1 Line Item Nomenclature <b>B-52 SQUADRONS</b>
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Weapon System Cost Elements	Ident Code	Total Cost in Millions of Dollars					
		FY 2012 OCO			Cost to Complete		
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
Other ICS	A						
Other ICS	A						
<b>TOTAL PROGRAM:</b>				0.000			0.000

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<b>Exhibit P-40, Budget Item Justification</b>	Date: February 2011
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 87 / 88</b>	P-1 Line Item Nomenclature <b>C-5 Post Prod Support</b>

Program Element for Code B Items			N/A			Other Related Program Elements					N/A		
	<b>ID Code</b>	<b>Prior Years</b>	<b>FY 2010</b>	<b>FY 2011</b>	<b>FY 2012</b>	<b>FY 2012 OCO</b>	<b>FY 2012 Total</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>To Comp</b>	<b>Total</b>
Proc Qty	A		0	0	0		0	0	0				0
Total Proc Cost(\$ M)		36.314	10.015	0.195	0.521	0.000	0.521	0.000	0.000	0.000	0.000	0.000	47.045

**Description**

All C-5 users have a need for access to a desktop Aircrew Training System (ATS) and a Maintenance Training Device (MTD). The desktop trainer will be used to develop and procure software to emulate the C-5 Avionics Modernization Program (AMP) and C-5 Reliability Enhancement and Re-engineing Program (RERP) software configurations. The software will allow for the emulation of the control and display unit and the multi-function display and will be loaded onto a Personal Computer (PC) or laptop to allow students to practice navigation and display recognition without using assets such as an aircraft or simulator. MTD funds will be used to re-host the Consolidated Avionics System Trainer (CAST) onto a PC in lieu of using the Versatile Integrated Avionics/Avionics Interface Unit (VIA/AIU) equipment. Also, the silhouette portion of the trainer will be replaced with a plasma television, which will be used to simulate the flight controls as well as other portions of the required training.

**FY 2012 Program Justification**

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

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<b>Exhibit P-5, Weapon System Cost Analysis</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 87 / 88</b>	P-1 Line Item Nomenclature <b>C-5 Post Prod Support</b>
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Weapon System Cost Elements	Ident Code	Total Cost in Millions of Dollars											
		Prior Years			FY 2010			FY 2011			FY 2012		
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
Other	A			36.314			10.015			0.195			0.521
SUPPORT COST SUBTOTAL													
TOTAL PROGRAM:				36.314			10.015			0.195			0.521

**Remarks**

**UNCLASSIFIED**

<b>Exhibit P-5, Weapon System Cost Analysis</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 87 / 88</b>	P-1 Line Item Nomenclature <b>C-5 Post Prod Support</b>
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Weapon System Cost Elements	Ident Code	Total Cost in Millions of Dollars					
		FY 2012 OCO			Cost to Complete		
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
Other	A			0.000			
SUPPORT COST SUBTOTAL							
<b>TOTAL PROGRAM:</b>				<b>0.000</b>			<b>0.000</b>

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<b>Exhibit P-40, Budget Item Justification</b>	Date: February 2011
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 89</b>	P-1 Line Item Nomenclature <b>KC-10A (ATCA)</b>

Program Element for Code B Items		0401897F		Other Related Program Elements				0401219F					
	<b>ID Code</b>	<b>Prior Years</b>	<b>FY 2010</b>	<b>FY 2011</b>	<b>FY 2012</b>	<b>FY 2012 OCO</b>	<b>FY 2012 Total</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>To Comp</b>	<b>Total</b>
Proc Qty	A						0						0
Total Proc Cost(\$ M)			4.112	5.702	5.691	0.000	5.691	0.000	0.000	0.000	0.000		15.505

**Description**

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

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

**FY 2012 Program Justification**

Funds will be used to procure a KC-10 MTS (\$5.691M) consisting of an Interactive Multimedia Instruction (IMI) for maintenance training courseware and upgraded classroom infrastructure.



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<b>Exhibit P-5, Weapon System Cost Analysis</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 89</b>	P-1 Line Item Nomenclature <b>KC-10A (ATCA)</b>
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Weapon System Cost Elements	Ident Code	Total Cost in Millions of Dollars					
		FY 2012 OCO			Cost to Complete		
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
KC-10 Cargo Load Trainer	A						
KC-10 Maintenance Training System	A						
<b>SUPPORT COST SUBTOTAL</b>		[0]		[0.000]	[0]		[0.000]
<b>TOTAL PROGRAM:</b>				0.000			0.000

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<b>Exhibit P-40, Budget Item Justification</b>	Date: February 2011
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 90</b>	P-1 Line Item Nomenclature <b>C-17A</b>

Program Element for Code B Items		N/A		Other Related Program Elements								-	
	<b>ID Code</b>	<b>Prior Years</b>	<b>FY 2010</b>	<b>FY 2011</b>	<b>FY 2012</b>	<b>FY 2012 OCO</b>	<b>FY 2012 Total</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>To Comp</b>	<b>Total</b>
Proc Qty	A						0						0
Total Proc Cost(\$ M)		0.000	11.000	153.347	183.696	10.970	194.666	192.072	225.078	130.242	148.522	0.000	1054.927

**Description**

FY2010 funding totals include \$11M appropriated for Overseas Contingency Operations.

Totals include funding for Program Resources Collection Process (PRCP) Program Number 200, C-17A.

The C-17 can perform the entire spectrum of airlift missions and is specifically designed to operate effectively and efficiently in both strategic and theater environments. Airlift provides essential flexibility when responding to contingencies on short notice anywhere in the world. It is a major element of America's National Military Strategy and constitutes the most responsive means of meeting U.S. mobility requirements. Specific tasks associated with the airlift mission include deployment, employment (airland and airdrop), sustaining support, retrograde, and combat redeployment. Not only can the C-17 deliver outsize cargo to austere tactical environments, but it also reduces ground time during airland operations. The C-17 will perform the airlift mission well into this century.

This program has associated RDT&E funding in PE 0401130F.

**FY 2012 Program Justification**

FY2012 budget funds the acquisition of required C-17 support equipment, data, material improvement projects, training equipment, obsolescence, and mission support. Material improvement retrofit kits are included in the P-5 Exhibit under site activation.

FY2012 budget includes Overseas Contingency Operations funds of \$10.97M for 22 Litter Station Augmentation Sets (LSAS) for aeromedical evacuation.

FY2012 budget continues effort to transition the C-17 program to a sustainment posture. There are no funds in the budget for production line shutdown.

Transition to Post Production (concurrent with production/not tied to last aircraft delivery): Efforts include, but are not limited to, implementation of an electronic Tooling Information System (eTIMS), procurement of critical post production assets, and assessment and protection of critical program data not delivered under the production contract.

FY2012 totals include funding for items previously procured with C-17A (MYP) APAF funding as reflected in the following P-5 exhibit. Starting in FY12, funding for support equipment, data, material improvement projects, training equipment, obsolescence, and mission support that was previously budgeted in Aircraft Procurement will now be

P-1 Shopping List Item No. 90

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

UNCLASSIFIED

<b>Exhibit P-40, Budget Item Justification</b>	Date: February 2011
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 90</b>	P-1 Line Item Nomenclature <b>C-17A</b>
<p>budgeted in Aircraft Support Equipment. Funding in the amounts of \$75.115M(FY12), \$73.653M(FY13), \$150.894M(FY14), \$130.242M(FY15), and \$148.522M(FY16) were moved from C-17A (MYP) Aircraft Procurement to Aircraft Support Equipment and Facilities. Additionally, funding in the amounts of \$13.692M(FY12), \$8.192M(FY13), \$13.022M(FY14), \$28.024M(FY15), and \$12.584M(FY16) were moved from C-17A (MYP) Aircraft procurement to Initial Spares.</p> <p>FY2012 budget funds the acquisition of Diminishing Manufacturing Resources (DMS) to complete the C-17 program.</p>	
P-1 Shopping List Item No. 90	<b>Budget Item Justification Exhibit P-40, page 2 of 4</b>

**UNCLASSIFIED**

<b>Exhibit P-5, Weapon System Cost Analysis</b>	Date: February 2011
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 90</b>	P-1 Line Item Nomenclature <b>C-17A</b>

Weapon System Cost Elements	Ident Code	Total Cost in Millions of Dollars											
		Prior Years			FY 2010			FY 2011			FY 2012		
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
Peculiar Ground Support Equipment (PSE)													11.147
Common Support Equipment (CSE)													1.000
Training													27.395
Post Production Product Improvement													6.590
Data													2.265
Site Activation													18.328
Mission Support													8.390
Transition to Post Production									38.947				108.581
Shutdown	A												
Engine Replacement	A				1		11.000						
<b>SUPPORT COST SUBTOTAL</b>		[0]		[0.000]	[1]		[11.000]	[0]	[38.947]	[0]		[183.696]	
<b>TOTAL PROGRAM:</b>				0.000			11.000		38.947			183.696	

**Remarks**  
 FY2010 funding totals include \$11M Overseas Contingency Operations for a battle damaged engine and associated support equipment.  
 FY2012 funding totals include \$10.97M Overseas Contingency Operations for 22 Litter Station Augmentation Sets (LSAS) for aeromedical evacuation.

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<b>Exhibit P-5, Weapon System Cost Analysis</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 90</b>	P-1 Line Item Nomenclature <b>C-17A</b>
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Weapon System Cost Elements	Ident Code	Total Cost in Millions of Dollars					
		FY 2012 OCO			Cost to Complete		
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
Peculiar Ground Support Equipment (PSE)							44.301
Common Support Equipment (CSE)							4.000
Training							152.024
Post Production Product Improvement		22		10.970			182.309
Data							8.451
Site Activation							82.402
Mission Support							29.824
Transition to Post Production							192.603
Shutdown	A						
Engine Replacement	A						
<b>SUPPORT COST SUBTOTAL</b>		[22]		[10.970]	[0]		[695.914]
<b>TOTAL PROGRAM:</b>				10.970			695.914

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<b>Exhibit P-40, Budget Item Justification</b>	Date: February 2011
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 91</b>	P-1 Line Item Nomenclature <b>C-130 Post Prod Support</b>

Program Element for Code B Items		41115F, 41897F		Other Related Program Elements				44011F					
	<b>ID Code</b>	<b>Prior Years</b>	<b>FY 2010</b>	<b>FY 2011</b>	<b>FY 2012</b>	<b>FY 2012 OCO</b>	<b>FY 2012 Total</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>To Comp</b>	<b>Total</b>
Proc Qty	A	1	1	1	1		1	1	0	0			5
Total Proc Cost(\$ M)		24.421	28.005	28.295	25.646	0.000	25.646	25.830	0.000	0.000	0.000		132.197

**Description**

Provides funds to procure, modify and enhance aircrew and maintenance trainers for the Mobility Air Forces (MAF). Trainers provide for improved combat readiness and reduce utilization of aircraft for training. The use of ground trainers allows the additional aircraft, formerly used for training, to be made available to the war-fighting commanders. This procures four additional C-130 Weapons System Trainers (FY10-FY13) at the rate of one per year in order to address the Air Force-wide shortfall of C-130 simulators. This program procures a total of 5 new simulators.

**FY 2012 Program Justification**

Procures additional C-130 Weapon System Trainer.

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<b>Exhibit P-5, Weapon System Cost Analysis</b>	Date: February 2011
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 91</b>	P-1 Line Item Nomenclature <b>C-130 Post Prod Support</b>

Weapon System Cost Elements	Ident Code	Total Cost in Millions of Dollars											
		Prior Years			FY 2010			FY 2011			FY 2012		
		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												
<b>FLYAWAY COST SUBTOTAL</b>													
Airframe Peculiar Ground Support Equipment (PGSE)	A												
Engine PGSE	A												
Peculiar Training Equipment	A												
Publications/Technical Data	A												
ECOs	A												
Weapon System Trainers	A	1		24.421	1		28.005	1		28.295	1		25.646
AN/APN-241 ICS													
AN/APN-241 DEPOT ACTIVATION													
C-130H3 ICS													
AC-130U													
SOF Conversion													
Project RAINCOAT													
<b>SUPPORT COST SUBTOTAL</b>													
<b>TOTAL PROGRAM:</b>				24.421			28.005			28.295			25.646

**Remarks**

This procures four C-130 Weapons System Trainers at the rate of one per year in order to address the Air Force-wide shortfall of C-130 simulators.

The planned locations for these four simulators are: Little Rock AFB, AR, Pope AFB, NC, Niagara Falls Airport/ARS, NY, Cheyenne Airport/ANG, WY

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<b>Exhibit P-5, Weapon System Cost Analysis</b>	Date: February 2011
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 91</b>	P-1 Line Item Nomenclature <b>C-130 Post Prod Support</b>
P-1 Shopping List Item No. 91	<b>Weapon System Cost Analysis</b> Exhibit P-5, page 3 of 4

**UNCLASSIFIED**

<b>Exhibit P-5, Weapon System Cost Analysis</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 91</b>	P-1 Line Item Nomenclature <b>C-130 Post Prod Support</b>
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Weapon System Cost Elements	Ident Code	Total Cost in Millions of Dollars					
		FY 2012 OCO			Cost to Complete		
		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						
Weapon System Trainers	A				1		25.830
AN/APN-241 ICS							
AN/APN-241 DEPOT ACTIVATION							
C-130H3 ICS							
AC-130U							
SOF Conversion							
Project RAINCOAT							
SUPPORT COST SUBTOTAL							
<b>TOTAL PROGRAM:</b>				0.000			25.830

P-1 Shopping List Item No. 91

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

**UNCLASSIFIED**

<b>Exhibit P-40, Budget Item Justification</b>	Date: February 2011
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 92</b>	P-1 Line Item Nomenclature <b>EC-130J</b>

Program Element for Code B Items		N/A		Other Related Program Elements					N/A				
	<b>ID Code</b>	<b>Prior Years</b>	<b>FY 2010</b>	<b>FY 2011</b>	<b>FY 2012</b>	<b>FY 2012 OCO</b>	<b>FY 2012 Total</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>To Comp</b>	<b>Total</b>
Proc Qty	A	0	0	0	0		0	0	0				0
Total Proc Cost(\$ M)		9.518	5.267	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	14.785

**Description**

The EC-130J Commando Solo conducts information operations, psychological operations and civil affairs broadcasts in AM, FM, HF, TV and military communications bands. A typical mission consists of a single-ship orbit offset from the desired target audience -- either military or civilian personnel. The EC-130J is a highly modified C-130J and the modifications include 60/90 KVA generator systems. The new generator system involves extensive modification to the USAF configuration Quick Engine Change (QEC) kit. Since the QEC is a two-level maintenance item, a separate/unique QEC must be spared/supported to sustain the fleet of seven EC-130J aircraft. One QEC was procured in both FY08 and FY09. The third and final QEC will be procured in FY10.

**FY 2012 Program Justification**

N/A

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<b>Exhibit P-5, Weapon System Cost Analysis</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 92</b>	P-1 Line Item Nomenclature <b>EC-130J</b>
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Weapon System Cost Elements	Ident Code	Total Cost in Millions of Dollars											
		Prior Years			FY 2010			FY 2011			FY 2012		
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
Quick Engine Change (QEC) Kit	A	2		9.518	1		5.267						
SUPPORT COST SUBTOTAL													
TOTAL PROGRAM:				9.518			5.267			0.000			0.000

**Remarks**  
 Funding to procure EC-130J Spare Engines (1 per year) to support/sustain the 7 EC-130J aircraft fielded. Funding ends in FY10.

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<b>Exhibit P-5, Weapon System Cost Analysis</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 92</b>	P-1 Line Item Nomenclature <b>EC-130J</b>
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Weapon System Cost Elements	Ident Code	Total Cost in Millions of Dollars					
		FY 2012 OCO			Cost to Complete		
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
Quick Engine Change (QEC) Kit	A						
SUPPORT COST SUBTOTAL							
TOTAL PROGRAM:				0.000			0.000

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<b>Exhibit P-40, Budget Item Justification</b>	Date: February 2011
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 93</b>	P-1 Line Item Nomenclature <b>KC-135 Maintenance Training Mods</b>

Program Element for Code B Items			0401897F					Other Related Program Elements				0401218F		
	<b>ID Code</b>	<b>Prior Years</b>	<b>FY 2010</b>	<b>FY 2011</b>	<b>FY 2012</b>	<b>FY 2012 OCO</b>	<b>FY 2012 Total</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>To Comp</b>	<b>Total</b>	
Proc Qty	A						0						0	
Total Proc Cost(\$ M)			0.000	0.000	2.434	0.000	2.434	4.334	0.000	0.000	0.000		6.768	

**Description**

The KC-135 maintenance community does not possess a stand-alone Maintenance Training System (MTS). All training is currently completed on-board the aircraft. This requires aircraft to be taken from operational tails and utilized as maintenance trainers. An Interactive Multimedia Instruction (IMI) is projected to reduce classroom time by 25%, increase the maintenance course retention rate by 25-50% and increase the available number of tails to the warfighter by decreasing the on-board training requirements. The Air Force will use FY12 and FY13 funds to procure a stand-alone MTS that trains and certifies maintenance personnel to task qualification level without relying on aircraft.

**FY 2012 Program Justification**

Training mod funds (\$2.434M) will be used to procure and sustain a KC-135 Interactive Multimedia Instruction (IMI) for maintenance training courseware and to upgrade the existing classroom infrastructure. This program is a new start in FY2012.



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<b>Exhibit P-5, Weapon System Cost Analysis</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 93</b>	P-1 Line Item Nomenclature <b>KC-135 Maintenance Training Mods</b>
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Weapon System Cost Elements	Ident Code	Total Cost in Millions of Dollars					
		FY 2012 OCO			Cost to Complete		
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
Maintenance Training System (MTS)	A						4.334
SUPPORT COST SUBTOTAL		[0]		[0.000]	[0]		[4.334]
TOTAL PROGRAM:				0.000			4.334

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<b>Exhibit P-40, Budget Item Justification</b>	Date: February 2011
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 94</b>	P-1 Line Item Nomenclature <b>F-15 Post Prod Support</b>

Program Element for Code B Items		N/A		Other Related Program Elements						n/a			
	<b>ID Code</b>	<b>Prior Years</b>	<b>FY 2010</b>	<b>FY 2011</b>	<b>FY 2012</b>	<b>FY 2012 OCO</b>	<b>FY 2012 Total</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>To Comp</b>	<b>Total</b>
Proc Qty	A		0	0	0		0	0	0				0
Total Proc Cost(\$ M)		20.134	15.695	21.599	2.076	0.000	2.076	2.363	2.403	2.448	2.492	0.000	69.210

**Description**

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

The F-15A-D Eagle is a highly maneuverable all-weather air superiority fighter. The F15E Strike Eagle retains the basic air-to-air capability of the F-15 A-D Eagle, but adds a weapon systems operator (WSO), rear cockpit, conformal fuel tanks and advanced systems for all-weather, day/night, all-altitude, deep penetration air-to-surface attack.

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

**FY 2012 Program Justification**

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

**UNCLASSIFIED**

<b>Exhibit P-5, Weapon System Cost Analysis</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 94</b>	P-1 Line Item Nomenclature <b>F-15 Post Prod Support</b>
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Weapon System Cost Elements	Ident Code	Total Cost in Millions of Dollars											
		Prior Years			FY 2010			FY 2011			FY 2012		
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
Airframe Peculiar Ground Support Equipment (PGSE)	A			0.652			0.685						
PPS	A			2.424			0.606						
Interim Contractor Support (ICS) <sup>1</sup>	A			13.000			14.404			21.599			2.076
Support Contracts	A			4.058			0.000						
<b>TOTAL PROGRAM:</b>				<b>20.134</b>			<b>15.695</b>			<b>21.599</b>			<b>2.076</b>

**Remarks**

(1) Funding continues to pay for F-15 Electronic Systems Test Set, and post production tooling storage.

**UNCLASSIFIED**

<b>Exhibit P-5, Weapon System Cost Analysis</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 94</b>	P-1 Line Item Nomenclature <b>F-15 Post Prod Support</b>
---	---

Weapon System Cost Elements	Ident Code	Total Cost in Millions of Dollars					
		FY 2012 OCO			Cost to Complete		
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
Airframe Peculiar Ground Support Equipment (PGSE)	A						
PPS	A						
Interim Contractor Support (ICS) <sup>1</sup>	A						
Support Contracts	A						
<b>TOTAL PROGRAM:</b>				0.000			0.000

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<b>Exhibit P-40, Budget Item Justification</b>	Date: February 2011
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 95</b>	P-1 Line Item Nomenclature <b>F-16 Post Production Support</b>

Program Element for Code B Items		N/A		Other Related Program Elements					N/A				
	<b>ID Code</b>	<b>Prior Years</b>	<b>FY 2010</b>	<b>FY 2011</b>	<b>FY 2012</b>	<b>FY 2012 OCO</b>	<b>FY 2012 Total</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>To Comp</b>	<b>Total</b>
Proc Qty	A		0	0	0		0	0	0				0
Total Proc Cost(\$ M)			12.911	17.838	4.537	0.000	4.537	14.606	14.755	15.001	15.271		94.919

**Description**

Provides support equipment, facilities support, and supports production shutdown for the F-16 Aircraft.

**FY 2012 Program Justification**

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

**UNCLASSIFIED**

<b>Exhibit P-5, Weapon System Cost Analysis</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 95</b>	P-1 Line Item Nomenclature <b>F-16 Post Production Support</b>
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Weapon System Cost Elements	Ident Code	Total Cost in Millions of Dollars											
		Prior Years			FY 2010			FY 2011			FY 2012		
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
Avionics PGSE	A						2.906			2.909			2.909
Peculiar Training Equipment	A						9.115			7.300			
Mission Planning	A						0.000			0.100			0.100
ICS	A						0.474			0.706			0.796
Reprogramming	A						0.000						
Production Line Shutdown	A						0.416			6.823			0.732
SUPPORT COST SUBTOTAL	A												
<b>TOTAL PROGRAM:</b>				0.000			12.911			17.838			4.537

**Remarks**

**UNCLASSIFIED**

<b>Exhibit P-5, Weapon System Cost Analysis</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 95</b>	P-1 Line Item Nomenclature <b>F-16 Post Production Support</b>
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Weapon System Cost Elements	Ident Code	Total Cost in Millions of Dollars					
		FY 2012 OCO			Cost to Complete		
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
Avionics PGSE	A						
Peculiar Training Equipment	A						
Mission Planning	A						
ICS	A						
Reprogramming	A						
Production Line Shutdown	A						
SUPPORT COST SUBTOTAL	A						
<b>TOTAL PROGRAM:</b>				0.000			0.000

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<b>Exhibit P-40, Budget Item Justification</b>	Date: February 2011
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 96</b>	P-1 Line Item Nomenclature <b>T-6</b>

Program Element for Code B Items		N/A		Other Related Program Elements				0604233F, 0804741F					
	<b>ID Code</b>	<b>Prior Years</b>	<b>FY 2010</b>	<b>FY 2011</b>	<b>FY 2012</b>	<b>FY 2012 OCO</b>	<b>FY 2012 Total</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>To Comp</b>	<b>Total</b>
Proc Qty	A		0	0	0		0	0	0				0
Total Proc Cost(\$ M)		0.000	0.000	9.450	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.450

**Description**

Totals include funding for PRCP program number 560, JPATS.

Post Production Support for the USAF Joint Primary Aircraft Training System (JPATS) program includes program management, systems engineering, configuration data, deficiency reports, engineering test data, vendor support, logistics data, and management data. The final USAF JPATS T-6 aircraft buy occurred in FY 2008; final delivery was in FY 2010.

**FY 2012 Program Justification**

No Budget Year FY12 funding requested. FY2011 is the final year of Air Force post production funding for the Joint Primary Aircraft Training System (JPATS).

**UNCLASSIFIED**

<b>Exhibit P-5, Weapon System Cost Analysis</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 96</b>	P-1 Line Item Nomenclature <b>T-6</b>
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Weapon System Cost Elements	Ident Code	Total Cost in Millions of Dollars											
		Prior Years			FY 2010			FY 2011			FY 2012		
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
Other				0.000			0.000			9.450			0.000
<b>TOTAL PROGRAM:</b>				<b>0.000</b>			<b>0.000</b>			<b>9.450</b>			<b>0.000</b>

**Remarks**  
Other includes program management, systems engineering, dedicated prime contractor support, configuration data, deficiency reports, engineering test data, vendor support, logistics data, and management data.

**UNCLASSIFIED**

<b>Exhibit P-5, Weapon System Cost Analysis</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 96</b>	P-1 Line Item Nomenclature <b>T-6</b>
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Weapon System Cost Elements	Ident Code	Total Cost in Millions of Dollars					
		FY 2012 OCO			Cost to Complete		
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
Other							
<b>TOTAL PROGRAM:</b>				0.000			0.000

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<b>Exhibit P-40, Budget Item Justification</b>	Date: February 2011
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 97</b>	P-1 Line Item Nomenclature <b>OTHER AIRCRAFT</b>

Program Element for Code B Items	N/A	Other Related Program Elements	0207131F, 0101113F, 0101127F, 0207223F, 0401130F, 0401119F, 0401115F
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	ID Code	Prior Years	FY 2010	FY 2011	FY 2012	FY 2012 OCO	FY 2012 Total	FY 2013	FY 2014	FY 2015	FY 2016	To Comp	Total
Proc Qty	A	0					0						0
Total Proc Cost(\$ M)		114.294	51.820	53.953	40.025	0.000	40.025	6.731	0.000	0.027	0.000	TBD	TBD

**Description**

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

- F-16 BLOCK 40/50 MISSION TRAINING CENTER (MTC), funded in PE 0207701F, supports the procurement of high fidelity, Distributed Mission Operations (DMO) capable flight simulators for F-16 Block 40 and 50 weapon systems. Each MTC includes multiple high fidelity Simulator Cockpits, Instructor Operator Stations, a Threat Server and Brief/Debrief and Mission Observation capability. Each is capable of linking to geographically distributed high-fidelity combat and combat support training devices including Command and Control (C2) and Intelligence, Surveillance, and Reconnaissance (ISR) systems. Allows the warfighters at home station to exercise and train at the operational and strategic levels of war as well as conduct networked unit-level training. Research Development Test and Evaluation funding in PE 0207701F.

- FULL COMBAT MISSION TRAINING (FCMT), funded in PE 0207701F, provides funds to procure aircrew trainers for the Combat Air Forces (CAF) and supports CAF participation in Air Force Distributed Mission Operations (DMO). DMO is an operational readiness initiative enabling the USAF to exercise and train at the operational and strategic levels of war while facilitating unit level training. Networked Live-Virtual-Constructive components form the integrated DMO battlespace by linking geographically distributed high fidelity combat and combat support training devices including C2 and ISR systems. No FY 12-16 funding is requested.

- TRAINING, funded in PE 0401897F, provides funds to procure/enhance aircrew and maintenance trainers for the Mobility Air Forces (MAF). Additional/upgraded trainers will provide for improved combat readiness and reduce utilization of aircraft for training. Additional aircraft formerly used for training will now be available to the warfighting commanders. Critical tactical and distributed mission operation training in these simulators will increase MAF combat effectiveness and reduce aircraft losses. Funded only in FY08. FY09-FY12 funding included in Specific Weapon System BP11 documentation.

**FY 2012 Program Justification**

FY12 funding acquires 8 cockpits, comprising two four-ship MTCs (one each at two locations) for the F-16 Block 40/50 Mission Training Center.

**UNCLASSIFIED**

<b>Exhibit P-5, Weapon System Cost Analysis</b>	Date: February 2011
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 97</b>	P-1 Line Item Nomenclature <b>OTHER AIRCRAFT</b>

Weapon System Cost Elements	Ident Code	Total Cost in Millions of Dollars											
		Prior Years			FY 2010			FY 2011			FY 2012		
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
FULL COMBAT MISSION TRAINING (FCMT), PE 0207701F; Combat Air Forces Aircrew Training Devices	A	4		38.769			0.000						
F-16 Block 40/50 Mission Training Centers (MTC), PE 0207701F	A	0		0.000	8		51.820	8		53.953	8		40.025
TRAINING, PE 0401897F Mobility Air Forces Training Devices	A	45		75.525	0		0.000			0.000			
<b>SUPPORT COST SUBTOTAL</b>													
<b>TOTAL PROGRAM:</b>				114.294			51.820			53.953			40.025

**Remarks**  
Quantities represent unique systems which are not conducive to unit cost comparisons.

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<b>Exhibit P-5, Weapon System Cost Analysis</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 97</b>	P-1 Line Item Nomenclature <b>OTHER AIRCRAFT</b>
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Weapon System Cost Elements	Ident Code	Total Cost in Millions of Dollars					
		FY 2012 OCO			Cost to Complete		
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
FULL COMBAT MISSION TRAINING (FCMT), PE 0207701F; Combat Air Forces Aircrew Training Devices	A						
F-16 Block 40/50 Mission Training Centers (MTC), PE 0207701F	A			0.000			TBD
TRAINING, PE 0401897F Mobility Air Forces Training Devices	A			0.000			
SUPPORT COST SUBTOTAL							
TOTAL PROGRAM:				0.000			TBD

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<b>Exhibit P-40, Budget Item Justification</b>	Date: February 2011
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 98</b>	P-1 Line Item Nomenclature <b>Industrial Responsiveness</b>

Program Element for Code B Items		N/A		Other Related Program Elements					N/A				
	<b>ID Code</b>	<b>Prior Years</b>	<b>FY 2010</b>	<b>FY 2011</b>	<b>FY 2012</b>	<b>FY 2012 OCO</b>	<b>FY 2012 Total</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>To Comp</b>	<b>Total</b>
Proc Qty	A						0						0
Total Proc Cost(\$ M)		TBD	24.424	24.619	21.050	0.000	21.050	22.260	22.596	23.081	23.455	TBD	TBD

**Description**

1. The Air Force Industrial Preparedness program element combines the resources of several appropriations (Aircraft Procurement, Missile Procurement, and Operations and Maintenance) to create a comprehensive program that aids in ensuring the defense industry can supply reliable, affordable systems to operational commanders. The Aircraft Procurement part of Industrial Preparedness supports 1) management of government-owned industrial plants; 2) management of industrial base assessments; and 3) environmental compliance and pollution prevention programs.

2. Three basic activities are funded in this appropriation: Industrial Facilities, Industrial Base Assessments and Environmental Activities (Environmental Compliance and Pollution Prevention).

Industrial Facility cost element (MPC 3000): Provides for repair and expansion, major rehabilitation, equipment movement and energy conservation at Air Force-owned, contractor-operated industrial facilities. These plants are the backbone of defense weapon system assembly and maintenance for the B-2, U-2, F-16, C-130, C-5B, F-22, Global Hawk, and Joint Strike Fighter.

Industrial Base Assessment cost element (MPC 6000): Provides for the identification, analysis and assessment of industrial base concerns dealing with aircraft research and development, production, and sustainment. These assessments provide timely and accurate industrial base information to support Air Force decisions on 1) aircraft weapon system acquisition risks; 2) budget allocation investments; 3) weapon system sustainment and logistics support; and 4) defense industry mergers, acquisitions, and divestitures. Supports joint-Service industrial base planning on shared commodities, technologies, and facilities.

Environmental Activities consists of Environmental Compliance and Pollution Prevention. The Environmental Compliance cost element (MPC 7000) provides for the programs needed to maintain compliance with regulatory requirements regarding operation of the industrial facilities. Funding for pollution prevention is provided directly through Program Element 78054F.

**FY 2012 Program Justification**

FY 2012 requirements are for MPC 3000 Capital Type Rehabilitation, MPC 6000 Industrial Base Assessment, and MCP 7000 Environmental Compliance.



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<b>Exhibit P-5, Weapon System Cost Analysis</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 98</b>	P-1 Line Item Nomenclature <b>Industrial Responsiveness</b>
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Weapon System Cost Elements	Ident Code	Total Cost in Millions of Dollars					
		FY 2012 OCO			Cost to Complete		
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
Capital Type Rehabilitation (MPC 3000)	A			0.000			
Industrial Base Assessment (MPC 6000)	A			0.000			
Environmental Compliance (MPC 7000)	A			0.000			
<b>TOTAL PROGRAM:</b>				<b>0.000</b>			<b>0.000</b>

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<b>Exhibit P-40, Budget Item Justification</b>	Date: February 2011
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 99</b>	P-1 Line Item Nomenclature <b>WAR CONSUMABLES (OVERVIEW)</b>

Program Element for Code B Items				Other Related Program Elements									
	ID Code	Prior Years	FY 2010	FY 2011	FY 2012	FY 2012 OCO	FY 2012 Total	FY 2013	FY 2014	FY 2015	FY 2016	To Comp	Total
Proc Qty							0						0
Total Proc Cost(\$ M)			135.607	92.939	87.220	0.000	87.220	90.740	92.807	94.596	95.874		689.783

**Description**

This program provides funding for the procurement of initial/replacement War Consumables and includes commodities such as Miniature Air Launched Decoys (MALD), Fiber Optic Towed Decoys (FOTD), and Aerial Target Drone (ATD) rocket motors. These items support War Reserve Materiel (WRM) requirements and fleet inventory objectives across multiple weapon systems.

Items to be procured in FY12 are listed on the attached P-40A. Items procured during execution may change based on the most critical equipment needed to support current Air Force mission requirements.

**FY 2012 Program Justification**

Miniature Air Launched Decoy (MALD): The procurement of MALD-J in FY12 will provide much needed capability for offensive autonomous jamming. The Airborne Electronic Attack (AEA) Analysis of Alternatives (AoA) recommended a combination of standoff and stand-in jamming platforms. MALD-J fills the AEA stand-in jamming gap. Without MALD-J no such stand-in autonomous jamming capability exists.

Advanced Airborne Expendable Decoy (AAED): No FY12 procurment.

Items Less Than \$5M: FY12 funding required to procure RATO Initiators, Cutter Cartridges, MK-17 Igniters, and MK-84 Impulse Cartridges for Target Drones.

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<b>Exhibit P-40A, Budget Item Justification for Aggregated Items</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 99</b>	P-1 Line Item Nomenclature <b>WAR CONSUMABLES (OVERVIEW)</b>
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Weapon System Cost Elements	Ident Code	Total Cost in Millions of Dollars											
		Prior Years			FY 2010			FY 2011			FY 2012		
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
WAR CONSUMABLES (OVERVIEW)	A												
MINIATURE AIR LAUNCHED DECOY	A				300		109.216	250		87.628	205		83.022
ADVANCED AIRBORNE EXPENDABLE DECOY (AAED)	A				775		20.678						
ITEMS LESS THAN \$5,000,000	A						5.713			5.311			4.198
<b>TOTAL PROGRAM:</b>				0.000			135.607			92.939			87.220

**Remarks**

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<b>Exhibit P-40A, Budget Item Justification for Aggregated Items</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 99</b>	P-1 Line Item Nomenclature <b>WAR CONSUMABLES (OVERVIEW)</b>
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Weapon System Cost Elements	Ident Code	Total Cost in Millions of Dollars					
		FY 2012 OCO			Cost to Complete		
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
WAR CONSUMABLES (OVERVIEW)	A						
MINIATURE AIR LAUNCHED DECOY	A						
ADVANCED AIRBORNE EXPENDABLE DECOY (AAED)	A						
ITEMS LESS THAN \$5,000,000	A			0.000			
<b>TOTAL PROGRAM:</b>				<b>0.000</b>			<b>0.000</b>

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<b>Exhibit P-40, Budget Item Justification</b>	Date: February 2011
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 99</b>	P-1 Line Item Nomenclature <b>0001 ADVANCED AIRBORNE EXPENDABLE DECOY (AAED)</b>

Program Element for Code B Items			Other Related Program Elements										
	ID Code	Prior Years	FY 2010	FY 2011	FY 2012	FY 2012 OCO	FY 2012 Total	FY 2013	FY 2014	FY 2015	FY 2016	To Comp	Total
Proc Qty	A	N/A					0					N/A	N/A
Total Proc Cost(\$ M)			20.678	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		20.678

**Description**

The Advanced Airborne Expendable Decoy (AAED) is part of the ALE-50 Radio Frequency (RF) towed decoy system integrated into the F-16 and B-1B aircraft. The ALE-50 significantly enhances aircraft countermeasure capabilities against modern RF threats. It provides protection by acting as a RF-repeater that decoys threat systems engaging the aircraft, resulting in increased missile miss distances. Major system components for the F-16 are the AAED (includes towline assembly and canister), magazine, launcher/controller and pylons. The major system components for the B-1B are the AAED, magazine, launcher, multi-platform launch controller and farings.

**FY 2012 Program Justification**

N/A

**UNCLASSIFIED**

<b>Exhibit P-5, Weapon System Cost Analysis</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 99</b>	P-1 Line Item Nomenclature <b>0001 ADVANCED AIRBORNE EXPENDABLE DECOY (AAED)</b>
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Weapon System Cost Elements	Ident Code	Total Cost in Millions of Dollars											
		Prior Years			FY 2010			FY 2011			FY 2012		
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
DECOY	A				775		20.663						
PROGRAM MANAGEMENT AUTHORITY (PMA)	A						0.015						
<b>TOTAL PROGRAM:</b>				0.000			20.678			0.000			0.000

**Remarks**

**UNCLASSIFIED**

<b>Exhibit P-5, Weapon System Cost Analysis</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 99</b>	P-1 Line Item Nomenclature <b>0001 ADVANCED AIRBORNE EXPENDABLE DECOY (AAED)</b>
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Weapon System Cost Elements	Ident Code	Total Cost in Millions of Dollars					
		FY 2012 OCO			Cost to Complete		
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
DECOY	A						
PROGRAM MANAGEMENT AUTHORITY (PMA)	A						
<b>TOTAL PROGRAM:</b>				0.000			0.000

<b>Exhibit P-5A, Procurement History and Planning</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/Bs/Item Control Number: <b>Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 99</b>	P-1 Line Item Nomenclature: <b>0001 ADVANCED AIRBORNE EXPENDABLE DECOY (AAED)</b>
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<u>Weapon System</u>	Subline Item
0001 ADVANCED AIRBORNE EXPENDABLE DECOY (AAED)	

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?
DECOY							/				
(2010) <sup>1</sup>	775	0.027	AFMC/WR-ALC		OPT		RAYTHEON / GOLETA, GA	Aug-10	Aug-10	Y	

**Remarks**

(1) Contract has an FY04 base year with ten option years.

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<b>Exhibit P-40, Budget Item Justification</b>	Date: February 2011
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 99</b>	P-1 Line Item Nomenclature <b>MINIATURE AIR LAUNCHED DECOY</b>

Program Element for Code B Items			Other Related Program Elements										
	ID Code	Prior Years	FY 2010	FY 2011	FY 2012	FY 2012 OCO	FY 2012 Total	FY 2013	FY 2014	FY 2015	FY 2016	To Comp	Total
Proc Qty	A	316					0					TBD	TBD
Total Proc Cost(\$ M)		115.400	109.216	87.628	83.022	0.000	83.022	86.472	88.466	90.173	91.371	TBD	TBD

**Description**

The Miniature Air Launch Decoy (MALD) and MALD Jammer (MALD-J) configurations are key enablers supporting Air Force Global Strike, Global Response, Space and C4ISR, and Air and Space Expeditionary Force Concepts of Operation. MALD, MALD-J and Increment II are budgeted in this project. MALD is a low cost, powered, expendable decoy designed to represent the kinematics and radar signature characteristics of various combat aircraft. The MALD will be employed from various aircraft platforms to stimulate, saturate, and deceive integrated air defense systems (IADS) thus increasing the survivability of strike aircraft. The jammer variants will provide stand-in jamming capability for Airborne Electronic Attack Systems, and will be launched against a preplanned target to degrade or deny the IADS detection of friendly aircraft or munitions. MALD-J and Increment II will be able to operate in both decoy and jammer modes.

Procurement quantities are estimates only, based on available budget, and fall within a range of quantities based on price commitment curves on contract.

The development of this program is funded in Program Element Code 0604270F (Electronic Warfare Development. This item is procured through the Air Armament Center, Eglin AFB, FL

The program funding includes reductions for Knowledge Based Services and Acquisition Program Management Administration efficiencies that are not intended to impact program content. The efficiencies reductions total \$.914M in FY12.

**FY 2012 Program Justification**

With the current EMD and Milestone C completion for MALD-J in 4 Qtr FY11, the cut-in of MALD-J to the MALD production line will provide much needed capability for offensive autonomous jamming. The Airborne Electronic Attack (AEA) Analysis of Alternatives (AoA) recommended a combination of standoff and stand-in jamming platforms. MALD-J fills the AEA stand-in jamming gap. Without MALD-J no such stand-in autonomous jamming capability exists.

**UNCLASSIFIED**

<b>Exhibit P-5, Weapon System Cost Analysis</b>	Date: February 2011
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 99</b>	P-1 Line Item Nomenclature <b>MINIATURE AIR LAUNCHED DECOY</b>

Weapon System Cost Elements	Ident Code	Total Cost in Millions of Dollars											
		Prior Years			FY 2010			FY 2011			FY 2012		
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
MALD/MALD-J	A	316		77.958	280		96.941	240		80.568	205		76.132
PRODUCTION SUPPORT	A												
PRODUCTION SUPPORT EQUIPMENT <sup>1</sup>				7.705			1.263			0.000			0.000
ECO/ECP				0.570			1.066			1.748			1.495
CONTRACTOR SUPPORT				1.298			1.330			1.730			1.754
PROGRAM MANAGEMENT ADMINISTRATION				1.241			0.663			0.640			0.651
WARRANTY <sup>2</sup>	A			0.000									
RELIABILITY ASSESSMENT PROGRAM				17.377			6.948			1.893			1.925
PRODUCTION TRANSITION				8.236									
INTERIM CONTRACT SUPPORT (ICS)				1.015			1.005			1.049			1.065
<b>TOTAL PROGRAM:</b>				<b>115.400</b>			<b>109.216</b>			<b>87.628</b>			<b>83.022</b>

**Remarks**

Procurement requirement is for 3000 total units of a MALD/MALD-J/Increment II mix.

- (1) Production Support Equipment included in the unit cost starting in FY11
- (2) Warranty included in unit cost

**UNCLASSIFIED**

<b>Exhibit P-5, Weapon System Cost Analysis</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 99</b>	P-1 Line Item Nomenclature <b>MINIATURE AIR LAUNCHED DECOY</b>
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Weapon System Cost Elements	Ident Code	Total Cost in Millions of Dollars					
		FY 2012 OCO			Cost to Complete		
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
MALD/MALD-J	A	0		0.000			TBD
PRODUCTION SUPPORT	A						
PRODUCTION SUPPORT EQUIPMENT <sup>1</sup>							
ECO/ECP							
CONTRACTOR SUPPORT							
PROGRAM MANAGEMENT ADMINISTRATION							
WARRANTY <sup>2</sup>	A						
RELIABILITY ASSESSMENT PROGRAM							
PRODUCTION TRANSITION							
INTERIM CONTRACT SUPPORT (ICS)							
<b>TOTAL PROGRAM:</b>				0.000			TBD

<b>Exhibit P-5A, Procurement History and Planning</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/Bs/Item Control Number: <b>Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 99</b>	P-1 Line Item Nomenclature: <b>MINIATURE AIR LAUNCHED DECOY</b>
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<u>Weapon System</u> MINIATURE AIR LAUNCHED DECOY	Subline Item
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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?
MALD/MALD-J							/				
(2010) <sup>1</sup>	280	0.346	AFMC/AAC		SS	FFP	RAYTHEON / TUCSON, AZ	May-10	Jun-11	Y	
(2011)	240	0.336	AFMC/AAC		SS	FFP	RAYTHEON / TUCSON, AZ	Mar-11	Apr-12	Y	
(2012)	205	0.371	AFMC/AAC		SS	FFP	RAYTHEON / TUCSON, AZ	Mar-12	Apr-13	Y	

**Remarks**

(1) Includes \$1,595,060.00 Congressional add funding in FY10







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<b>Exhibit P-40, Budget Item Justification</b>	Date: February 2011
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 99</b>	P-1 Line Item Nomenclature <b>ITEMS LESS THAN \$5,000,000</b>

Program Element for Code B Items				Other Related Program Elements									
	ID Code	Prior Years	FY 2010	FY 2011	FY 2012	FY 2012 OCO	FY 2012 Total	FY 2013	FY 2014	FY 2015	FY 2016	To Comp	Total
Proc Qty							0						0
Total Proc Cost(\$ M)			5.713	5.311	4.198	0.000	4.198	4.268	4.341	4.423	4.503		32.757

**Description**

The "Items Less Than \$5 Million" line includes commodities such as aerial target rocket motors. These items are applicable across multiple weapon systems. These initial/replacement War Consumable requirements ensure continuation of serviceable, supportable equipment over the life of a weapon system.

All items have an annual procurement value of less than \$5 million and are code A. Items requested in FY12 identified on the following P-40A and are representative of items to be procured. Items procured during execution may change based on the most critical equipment needed to support current Air Force mission requirements.

**FY 2012 Program Justification**

FY12 funding required to procure RATO Initiators, Cutter Cartridges, MK-17 Igniters, and MK-44 Impulse Cartridges for Target Drones.

**UNCLASSIFIED**

<b>Exhibit P-40A, Budget Item Justification for Aggregated Items</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 99</b>	P-1 Line Item Nomenclature <b>ITEMS LESS THAN \$5,000,000</b>
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Weapon System Cost Elements	Ident Code	Total Cost in Millions of Dollars											
		Prior Years			FY 2010			FY 2011			FY 2012		
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
RATO/Initiator	A				296	0.019	5.603	275	0.000	5.201	181	0.023	4.111
Cutter Cartridge	A				252	0.000	0.023	252	0.019	0.023	203	0.000	0.018
Mk-17 Igniter	A				252	0.000	0.060	252	0.000	0.060	181	0.000	0.043
Mk44 Impluse Cart	A				252	0.000	0.027	252	0.000	0.027	203	0.000	0.026
<b>TOTAL PROGRAM:</b>				0.000			5.713			5.311			4.198

**Remarks**

**UNCLASSIFIED**

<b>Exhibit P-40A, Budget Item Justification for Aggregated Items</b>	Date: February 2011
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number <b>Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 99</b>	P-1 Line Item Nomenclature <b>ITEMS LESS THAN \$5,000,000</b>
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Weapon System Cost Elements	Ident Code	Total Cost in Millions of Dollars					
		FY 2012 OCO			Cost to Complete		
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
RATO/Initiator	A						
Cutter Cartridge	A						
Mk-17 Igniter	A						
Mk44 Impluse Cart	A						
<b>TOTAL PROGRAM:</b>				0.000			0.000

**Budget Item Justification for Aggregated Items**

P-1 Shopping List Item No. 99

Exhibit P-40A, page 3 of 3

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<b>Exhibit P-40, Budget Item Justification</b>					Date: February 2011				
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number					P-1 Line Item Nomenclature				
<b>Aircraft Procurement, Air Force, Budget Activity (BA) - 07, Airlift Aircraft, Item No. 100</b>					<b>Other Production Charges</b>				
	FY 2010	FY 2011	FY 2012	FY 2012 OCO	FY 2013	FY 2014	FY 2015	FY 2016	
PROC QTY									
TOTAL PROC COST	576.849	1137.242	1046.392	23.000	929.196	1175.629	700.524	1307.530	
<p><b>Description</b></p> <p>FY 2010 funding totals include \$122.0M for Overseas Contingency Operations.  FY 2011 funding totals include \$57.5M requested for Overseas Contingency Operations.</p> <p>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> <p>The major program drivers in FY12 from a budget standpoint are for F-22 Depot Core Activation and the NATO Airborne Early Warning and Control Modernization Program.</p> <p>This program has associated Research Development Test and Evaluation funding in PEs 27249F, 35116F, 35164F, 64233F, 64240F, 64735F, 27138F, 27170F, and 27136F.</p> <p>The precision attack systems program funding includes reductions for overhead reduction efficiencies that are not intended to impact program content. The precision attack systems efficiency reductions total \$69.271M in FY12.</p>									
P-1 Shopping List Item No. 100					<b>Budget Item Justification Exhibit P-40, page 1 of 23</b>				

## UNCLASSIFIED

Exhibit P-40A, Budget Item Justification for Aggregated Items				Date: February 2011	
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number				P-1 Line Item Nomenclature	
Aircraft Procurement, Air Force, Budget Activity (BA) - 07, Airlift Aircraft, Item No. 100				Other Production Charges	
Procurement Items (\$M)	FY 2010	FY 2011	FY 2012	FY 2012 OCO	
B-2 Squadrons	18.100	176.297	15.816	0.000	
B-52 SQUADRON	0.000	6.732	0.000	0.000	
C-5 Airborne Broadcast Intelligence (ABI)	0.000	1.408	0.000	0.000	
C5 RERP	12.373	19.541	9.389	0.000	
EW POD Sustainment	39.232	29.356	28.727	0.000	
FAA Support of AF Commercial Derivative (CDA) Fleets	0.000	0.100	1.427	0.000	
F-22A Squad	72.892	84.349	133.413	0.000	
Precision Attack Systems Procurement	156.147	218.138	25.995	23.000	
Combat Training Range Equipment	15.470	15.376	14.867	0.000	
C-5 AMP	4.599	1.468	0.000	0.000	
Electronic Warfare Integrated Reprogramming (EWIR)	3.077	3.275	3.316	0.000	
Classified Programs	147.846	405.924	737.372	0.000	
MQ-9	0.000	43.700	0.000	0.000	
Aerial Targets	9.605	10.260	10.298	0.000	
NAVSTAR Global Positioning System (GPS) User Equipment	8.486	8.198	10.201	0.000	
C-17 AIRCRAFT	25.657	21.198	6.458	0.000	
Pollution Prevention (POLPRE)	3.364	2.536	3.581	0.000	
Joint National Training Capability	5.130	0.000	0.000	0.000	
NATO AWACS Modernization	0.000	38.431	45.532	0.000	
C-17 NATO Operations	54.871	50.955	0.000	0.000	
P-1 Shopping List Item No. 100					
Budget Item Justification for Aggregated Items Exhibit P-40A, page 2 of 23					



**Exhibit P-1900**

Date: February 2011

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

**Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 100**

P-1 Line Item Nomenclature

**AWACS**

**FY 2012 President's Budget  
AWACS FACT SHEET  
(Dollars in Millions)**

**PROJECT TITLE:** NATO AWACS Modernization

**MODELS OF AIRCRAFT APPLICABLE:** E-3A

**DESCRIPTION/JUSTIFICATION:**

NATO E-3 aircraft provide air and maritime surveillance and air control for allied forces in the NATO area of operations. This project provides the U.S. share of the total NATO Airborne Early Warning and Control Modernization Program and modernization efforts. The modernization program includes but is not limited to the NATO Mid-Term (NMT) project, the Large Aircraft Infrared Counter-Measures (LAIRCM) project, the Follow-on Upgrade I (FUP I) project, and future modernization 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. The FUP I project satisfies international airspace mandates for upgraded Communications Navigation Surveillance/Air Traffic Management (CNS/ATM) as well as transponder upgrades for Mode 5 and Enhanced Mode S. Future efforts include but are not limited to FUP II efforts and other modernization projects. These future projects will enable the aircraft to maintain interoperability, meet emerging military requirements 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:**

Basis For Cost Estimate	FY 2010	FY 2011	FY 2012	FY 2012 OCO
NATO AWACS-Modernization Projects	0.000	38.431	45.532	0.000
<b>Total Cost</b>	0.000	38.431	45.532	0.000

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

**Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 100**

P-1 Line Item Nomenclature

**B-2**

**FY 2012 President's Budget  
B-2 FACT SHEET  
(Dollars in Millions)**

**PROJECT TITLE:** B-2 Squadrons

**MODELS OF AIRCRAFT APPLICABLE:** B-2

**DESCRIPTION/JUSTIFICATION:**

These funds will be used to initiate Depot Activation of B-2 components as directed by HQ AFMC via the Source of Repair Assignment Process (SORAP). Depot Activation of the following efforts is currently scheduled in FY 10/11/12: These efforts include but are not limited to, Special Test Equipment (STE) for contract depot repair, Support Equipment (SE) for organic depot repair and development of Test Program Sets (TPS) necessary to complete organic repair of Avionics components.

**PROJECTED FINANCIAL PLAN:**

<b>Basis For Cost Estimate</b>	<b>FY 2010</b>	<b>FY 2011</b>	<b>FY 2012</b>	<b>FY 2012 OCO</b>
<b>Program Office Estimate</b>	18.100	176.297	15.816	0.000
<b>Total Cost</b>	18.100	176.297	15.816	0.000

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

**Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 100**

P-1 Line Item Nomenclature

**B-52**

**FY 2012 President's Budget  
B-52 FACT SHEET  
(Dollars in Millions)**

**PROJECT TITLE:** B-52 SQUADRON

**MODELS OF AIRCRAFT APPLICABLE:** B-52H

**DESCRIPTION/JUSTIFICATION:** Provides funding for Depot Stand-up capability at Robins AFB and Hill AFB for maintenance/repair of the CONECT modification.

**PROJECTED FINANCIAL PLAN:**

Basis For Cost Estimate	FY 2010	FY 2011	FY 2012	FY 2012 OCO
Estimated by B-52 Logistics Team	0.000	6.732	0.000	0.000
<b>Total Cost</b>	0.000	6.732	0.000	0.000

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

**Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 100**

P-1 Line Item Nomenclature

**C-17 NATO**

**FY 2012 President's Budget  
C-17 NATO FACT SHEET  
(Dollars in Millions)**

**PROJECT TITLE:** C-17 NATO Acquisition and Operations

**MODELS OF AIRCRAFT APPLICABLE:** C-17

**DESCRIPTION/JUSTIFICATION:**

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

**PROJECTED FINANCIAL PLAN:**

Basis For Cost Estimate	FY 2010	FY 2011	FY 2012	FY 2012 OCO
C-17 NATO	54.871	50.955	0.000	0.000
<b>Total Cost</b>	54.871	50.955	0.000	0.000

**Exhibit P-1900**

Date: February 2011

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

**Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 100**

P-1 Line Item Nomenclature

**C-17A**

**FY 2012 President's Budget  
C-17A FACT SHEET  
(Dollars in Millions)**

**PROJECT TITLE:** C-17 AIRCRAFT

**MODELS OF AIRCRAFT APPLICABLE:** C-17

**DESCRIPTION/JUSTIFICATION:** This activity is for the Depot Activation of the C-17 system at the three USAF Air Logistic Centers.

**PROJECTED FINANCIAL PLAN:**

Basis For Cost Estimate	FY 2010	FY 2011	FY 2012	FY 2012 OCO
C-17	25.657	21.198	6.458	0.000
<b>Total Cost</b>	<b>25.657</b>	<b>21.198</b>	<b>6.458</b>	<b>0.000</b>

**Exhibit P-1900**

Date: February 2011

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

**Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 100**

P-1 Line Item Nomenclature

**C-5**

**FY 2012 President's Budget  
C-5 FACT SHEET  
(Dollars in Millions)**

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

**MODELS OF AIRCRAFT APPLICABLE:** C-5 All

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

**PROJECTED FINANCIAL PLAN:**

Basis For Cost Estimate	FY 2010	FY 2011	FY 2012	FY 2012 OCO
.	0.000	1.408	0.000	0.000
<b>Total Cost</b>	<b>0.000</b>	<b>1.408</b>	<b>0.000</b>	<b>0.000</b>

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

**Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 100**

P-1 Line Item Nomenclature

**C-5 AMP**

**FY 2012 President's Budget  
C-5 AMP FACT SHEET  
(Dollars in Millions)**

**PROJECT TITLE:** C-5 AMP

**MODELS OF AIRCRAFT APPLICABLE:** C-5 All

**DESCRIPTION/JUSTIFICATION:**

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

**PROJECTED FINANCIAL PLAN:**

Basis For Cost Estimate	FY 2010	FY 2011	FY 2012	FY 2012 OCO
C-5 AMP	4.599	1.468	0.000	0.000
<b>Total Cost</b>	4.599	1.468	0.000	0.000

**Exhibit P-1900**

Date: February 2011

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

**Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 100**

P-1 Line Item Nomenclature

**C5 RERP**

**FY 2012 President's Budget  
C5 RERP FACT SHEET  
(Dollars in Millions)**

**PROJECT TITLE:** C5 RERP

**MODELS OF AIRCRAFT APPLICABLE:** C-5M

**DESCRIPTION/JUSTIFICATION:** An Air Force organic capability is required to support repair requirements resulting from the Reliability Enhancement and Re-engining Program (RERP). WR-ALC, OC-ALC, and OO-ALC will provide the required organic depot support. This funding will be used to procure items required to stand-up depot support capability for C-5 RERP.

**PROJECTED FINANCIAL PLAN:**

Basis For Cost Estimate	FY 2010	FY 2011	FY 2012	FY 2012 OCO
<b>FRP CAPE ICE</b>	12.373	19.541	9.389	0.000
<b>Total Cost</b>	12.373	19.541	9.389	0.000

**Exhibit P-1900**

Date: February 2011

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

**Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 100**

P-1 Line Item Nomenclature

**CLASSI**

**FY 2012 President's Budget  
CLASSI FACT SHEET  
(Dollars in Millions)**

**PROJECT TITLE:**

Classified Programs

**MODELS OF AIRCRAFT APPLICABLE:**

N/A

**DESCRIPTION/JUSTIFICATION:**

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

**PROJECTED FINANCIAL PLAN:**

**Basis For Cost Estimate**

<b>FY 2010</b>	<b>FY 2011</b>	<b>FY 2012</b>	<b>FY 2012 OCO</b>
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.	147.846	405.924	737.372	
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<b>Total Cost</b>	147.846	405.924	737.372	0.000
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number

**Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 100**

P-1 Line Item Nomenclature

**CTRE**

**FY 2012 President's Budget  
CTRE 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:** Funding will be used to acquire airborne subsystems to provide "rangeless and tethered" training capabilities of the P5 Combat Training System (P5CTS). This system provides the instrumentation to train aircrews in air-to-air, air-to-ground, and ground-to-air combat under simulated combat conditions in any available airspace worldwide and eliminates the need to fly over highly instrumented ground ranges. The system also provides the capability to train aircrews in electronic warfare during joint-force training exercises. In addition to the acquisition of the airborne subsystems, funding will also be used to purchase related airborne subsystems equipment such as peculiar support equipment and umbilicals and to purchase engineering, technical and operational services applicable to the acquisition, fielding and support of the airborne subsystems.

**PROJECTED FINANCIAL PLAN:**

Basis For Cost Estimate	FY 2010	FY 2011	FY 2012	FY 2012 OCO
<b>Air Combat Training Systems (ACTS)</b>				
-- P5 Combat Training Systems (P5CTS)	15.470	15.376	14.867	0.000
<b>Total Cost</b>	15.470	15.376	14.867	0.000

**Exhibit P-1900**

Date: February 2011

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

**Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 100**

P-1 Line Item Nomenclature

**EW POD**

**FY 2012 President's Budget  
EW POD FACT SHEET  
(Dollars in Millions)**

**PROJECT TITLE:**

EW POD Sustainment

**MODELS OF AIRCRAFT APPLICABLE:**

A-10, F-16

**DESCRIPTION/JUSTIFICATION:**

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

**PROJECTED FINANCIAL PLAN:**

Basis For Cost Estimate	FY 2010	FY 2011	FY 2012	FY 2012 OCO
EW POD	39.232	29.356	28.727	0.000
<b>Total Cost</b>	39.232	29.356	28.727	0.000

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

**Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 100**

P-1 Line Item Nomenclature

**EWIR**

**FY 2012 President's Budget  
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 (EWAISF) to provide critical reprogramming of EW systems for all Air Force and Foreign Military Sales customers.

**PROJECTED FINANCIAL PLAN:**

Basis For Cost Estimate	FY 2010	FY 2011	FY 2012	FY 2012 OCO
Electronic Warfare Integrated Reprogramming (EWIR)	3.077	3.275	3.316	0.000
<b>Total Cost</b>	<b>3.077</b>	<b>3.275</b>	<b>3.316</b>	<b>0.000</b>

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

**Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 100**

P-1 Line Item Nomenclature

**F-22A**

**FY 2012 President's Budget  
F-22A FACT SHEET  
(Dollars in Millions)**

**PROJECT TITLE:** F-22A Squad

**MODELS OF AIRCRAFT APPLICABLE:** F-22A

**DESCRIPTION/JUSTIFICATION:**

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

**PROJECTED FINANCIAL PLAN:**

Basis For Cost Estimate	FY 2010	FY 2011	FY 2012	FY 2012 OCO
F-22	72.892	84.349	133.413	0.000
<b>Total Cost</b>	72.892	84.349	133.413	0.000

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

**Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 100**

P-1 Line Item Nomenclature

**FAA**

**FY 2012 President's Budget  
FAA FACT SHEET  
(Dollars in Millions)**

**PROJECT TITLE:**

FAA Support of AF Commercial Derivative (CDA) Fleets

**MODELS OF AIRCRAFT APPLICABLE:**

All Commercial Derivative Aircraft

**DESCRIPTION/JUSTIFICATION:**

It is DOD and Air Force policy to operate commercial derivative aircraft (CDA) and maintain appropriate FAA certifications when practicable. The Air Force Senior Acquisition Executive, SAF/AQ, signed an Interagency Memorandum of Agreement (MOA) on behalf of the Air Force with the FAA, the Army, Navy/Marine Corps and the Coast Guard for the FAA to provide certification, continued airworthiness support, maintenance program support and technical assistance for military CDA. The FAA established a Military Certification Office (MCO) to support DOD Services' CDA activities. The MCO provides dedicated resources to support DoD CDA operations and can leverage the FAA infrastructure to provide priority handling. These funds are used to reimburse the FAA for support provided to CDA operated by the Air Force.

**PROJECTED FINANCIAL PLAN:**

Basis For Cost Estimate	FY 2010	FY 2011	FY 2012	FY 2012 OCO
.	0.000	0.100	1.427	0.000
<b>Total Cost</b>	<b>0.000</b>	<b>0.100</b>	<b>1.427</b>	<b>0.000</b>

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

**Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 100**

P-1 Line Item Nomenclature

**JNTC**

**FY 2012 President's Budget  
JNTC FACT SHEET  
(Dollars in Millions)**

**PROJECT TITLE:** Joint National Training Capability

**MODELS OF AIRCRAFT APPLICABLE:** A-10, F-15, F-16, F/A-22, F-35, B-52, B-1, B-2

**DESCRIPTION/JUSTIFICATION:** This item provides aircraft equipment for the Joint National Training Capability (JNTC). This includes the procurement of airborne instrumentation systems and/or jamming pods to support joint and multi-service requirements to enhance training realism. No Funding is programmed in FY12.

**PROJECTED FINANCIAL PLAN:**

Basis For Cost Estimate	FY 2010	FY 2011	FY 2012	FY 2012 OCO
-- Advanced Capability Pods (ACaP)	5.130	0.000	0.000	0.000
<b>Total Cost</b>	<b>5.130</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>

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

**Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 100**

P-1 Line Item Nomenclature

**LANTRN**

**FY 2012 President's Budget  
LANTRN FACT SHEET  
(Dollars in Millions)**

**PROJECT TITLE:** Precision Attack Systems Procurement

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

**DESCRIPTION/JUSTIFICATION:** Advanced Targeting Pods (ATPs) provide long-range target acquisition and expanded weapon delivery envelopes for greater aircraft survivability. ATPs feature an infrared (IR) sensor, charged coupled device television (CCD-TV), laser designator, eye-safe laser, laser spot tracker, infrared marker, and real-time video data link for connectivity with ground forces. ATP capabilities, such as high resolution imagery, eye safe laser, high system reliability and smaller deployment footprint provide greater combat effectiveness across several mission areas, including suppression/destruction of enemy air defenses (SEAD/DEAD), precision air interdiction, close air support (CAS), non-traditional intelligence, surveillance and reconnaissance (NT-ISR), reconnaissance, and time-sensitive targeting. This funding supports the production, qualification and integration of ATPs to include all activities necessary for fielding. Laser Infrared Targeting and Navigating (LITENING) and Sniper are ATPs currently used by the active duty, Air National Guard (ANG), and Air Force Reserve Command (AFRC). Advanced Targeting Pod - Sensor Enhancement (ATP-SE) is the next increment in ATP capability. LANTRN and Pave Penny systems will be phased out as new ATP and ATP-SE systems are acquired.

Schedules and quantities are adjusted based upon funding levels (buy to budget) and COCOM priorities.

FY 2010 funding totals include \$110M appropriated for Overseas Contingency Operations.  
FY 2011 funding totals include \$57.5M requested for Overseas Contingency Operations.

**PROJECTED FINANCIAL PLAN:**

Basis For Cost Estimate	FY 2010	FY 2011	FY 2012	FY 2012 OCO
<b>Program Office Estimate</b>	156.147	218.138	25.995	23.000
<b>Total Cost</b>	156.147	218.138	25.995	23.000

**Exhibit P-1900**

Date: February 2011

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

**Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 100**

P-1 Line Item Nomenclature

**MQ-9**

**FY 2012 President's Budget  
MQ-9 FACT SHEET  
(Dollars in Millions)**

**PROJECT TITLE:** MQ-9

**MODELS OF AIRCRAFT APPLICABLE:** MQ-9

**DESCRIPTION/JUSTIFICATION:** Funds required for MQ-9 Reaper Depot activation, including procuring depot repair equipment, depot repair spares, depot repair data, technical data, and technical data rights.

**PROJECTED FINANCIAL PLAN:**

Basis For Cost Estimate	FY 2010	FY 2011	FY 2012	FY 2012 OCO
.	0.000	43.700	0.000	0.000
<b>Total Cost</b>	<b>0.000</b>	<b>43.700</b>	<b>0.000</b>	<b>0.000</b>

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

**Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 100**

P-1 Line Item Nomenclature

**NAVGPS**

**FY 2012 President's Budget  
NAVGPS 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/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.

Totals include funding for PRCP Program Number 166, Navstar GPS.

**PROJECTED FINANCIAL PLAN:**

Basis For Cost Estimate	FY 2010	FY 2011	FY 2012	FY 2012 OCO
<b>Non-recurring/Integration</b>	8.486	8.198	10.201	0.000
<b>Total Cost</b>	8.486	8.198	10.201	0.000

**Exhibit P-1900**

Date: February 2011

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

**Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 100**

P-1 Line Item Nomenclature

**POLPRE**

**FY 2012 President's Budget  
POLPRE FACT SHEET  
(Dollars in Millions)**

**PROJECT TITLE:** Pollution Prevention (POLPRE)

**MODELS OF AIRCRAFT APPLICABLE:** N/A

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

**PROJECTED FINANCIAL PLAN:**

Basis For Cost Estimate	FY 2010	FY 2011	FY 2012	FY 2012 OCO
.	3.364	2.536	3.581	0.000
<b>Total Cost</b>	<b>3.364</b>	<b>2.536</b>	<b>3.581</b>	<b>0.000</b>

**Exhibit P-1900**

Date: February 2011

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

**Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 100**

P-1 Line Item Nomenclature

**TRGT**

**FY 2012 President's Budget  
TRGT FACT SHEET  
(Dollars in Millions)**

**PROJECT TITLE:**

Aerial Targets

**MODELS OF AIRCRAFT APPLICABLE:**

QF-4, QF-16, BQM-167A

**DESCRIPTION/JUSTIFICATION:**

Program procures ALQ-167 and/or DLQ-9 electronic attack pods for target drones including support equipment. Pods simulate threat aircraft electronic countermeasures and jamming capabilities.

**PROJECTED FINANCIAL PLAN:**

Basis For Cost Estimate	FY 2010	FY 2011	FY 2012	FY 2012 OCO
ALQ-167 and/or DLQ-9 electronic attack pods	9.605	10.260	10.298	0.000
<b>Total Cost</b>	9.605	10.260	10.298	0.000

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<b>Exhibit P-40, Budget Item Justification</b>						Date: February 2011		
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number						P-1 Line Item Nomenclature		
<b>Aircraft Procurement, Air Force, Budget Activity (BA) - 07, Airlift Aircraft, Item No. 100.1</b>						<b>Global Hawk</b>		

	FY 2010	FY 2011	FY 2012	FY 2012 OCO	FY 2013	FY 2014	FY 2015	FY 2016
PROC QTY								
TOTAL PROC COST	0.000	0.000	26.466	0.000	64.718	52.146	33.573	34.176

**Description**

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

**Exhibit P-1900**

Date: February 2011

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

**Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 100.1**

P-1 Line Item Nomenclature

**Global Hawk**

**FY 2012 President's Budget  
Global Hawk FACT SHEET  
(Dollars in Millions)**

**PROJECT TITLE:**

RQ-4

**MODELS OF AIRCRAFT APPLICABLE:**

Program Number 252, Global Hawk.

**DESCRIPTION/JUSTIFICATION:**

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

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

This program has associated Research Development Test and Evaluation funding in PE 0305220F and PE 0304260F.

**PROJECTED FINANCIAL PLAN:**

Basis For Cost Estimate	FY 2010	FY 2011	FY 2012	FY 2012 OCO
2009 Program Office Estimate (POE)	0.000	0.000	26.466	0.000
<b>Total Cost</b>	0.000	0.000	26.466	0.000

**UNCLASSIFIED**

<b>Exhibit P-40, Budget Item Justification</b>						Date: February 2011			
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number						P-1 Line Item Nomenclature			
<b>Aircraft Procurement, Air Force, Budget Activity (BA) - 07, Airlift Aircraft, Item No. 101</b>						<b>MQ-1 Predator</b>			
	FY 2010	FY 2011	FY 2012	FY 2012 OCO	FY 2013	FY 2014	FY 2015	FY 2016	
PROC QTY									
TOTAL PROC COST	24.969	37.500	0.000	0.000	0.000	0.000	0.000	0.000	
<p><b>Description</b></p> <p>Funds are required for MQ-1B Predator Depot activation, including procurment of depot repair equipment, depot repair spares, depot repair data, technical data, and technical data rights.</p>									
P-1 Shopping List Item No. 101						Budget Item Justification Exhibit P-40, page 1 of 2			

**Exhibit P-1900**

Date: February 2011

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

**Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 101**

P-1 Line Item Nomenclature

**MQ-1**

**FY 2012 President's Budget  
MQ-1 FACT SHEET  
(Dollars in Millions)**

**PROJECT TITLE:**

MQ-1

**MODELS OF AIRCRAFT APPLICABLE:**

MQ-1B

**DESCRIPTION/JUSTIFICATION:**

Funds required for MQ-1B Predator Depot activation, including procuring depot repair equipment, depot repair spares, depot repair data, technical data, and technical data rights.

**PROJECTED FINANCIAL PLAN:**

Basis For Cost Estimate	FY 2010	FY 2011	FY 2012	FY 2012 OCO
Depot Activation	24.969	37.500		
<b>Total Cost</b>	24.969	37.500	0.000	0.000

**UNCLASSIFIED**

<b>Exhibit P-40, Budget Item Justification</b>						Date: February 2011		
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number						P-1 Line Item Nomenclature		
<b>Aircraft Procurement, Air Force, Budget Activity (BA) - 07, Airlift Aircraft, Item No. 105</b>						<b>DARP</b>		
	FY 2010	FY 2011	FY 2012	FY 2012 OCO	FY 2013	FY 2014	FY 2015	FY 2016
PROC QTY								
TOTAL PROC COST	15.276	66.417	48.875	42.300	19.303	9.905	0.000	0.000
<p><b>Description</b></p> <p>FY 2011 funding totals include \$47.3M requested for Overseas Contingency Opearations.</p> <p>This program provides centralized funding for multi-Service and Air Force requirements to field future airborne reconnaissance systems. Information pertaining to Defense Airborne Reconnaissance Programs (DARP) 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>								
P-1 Shopping List Item No. 105						<b>Budget Item Justification Exhibit P-40, page 1 of 2</b>		

**Exhibit P-1900**

Date: February 2011

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

**Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 105**

P-1 Line Item Nomenclature

**DARP**

**FY 2012 President's Budget  
DARP FACT SHEET  
(Dollars in Millions)**

**PROJECT TITLE:** DARP

**MODELS OF AIRCRAFT APPLICABLE:** N/A

**DESCRIPTION/JUSTIFICATION:**

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

**PROJECTED FINANCIAL PLAN:**

Basis For Cost Estimate	FY 2010	FY 2011	FY 2012	FY 2012 OCO
<b>DARP</b>	15.276	66.417	48.875	42.300
<b>Total Cost</b>	15.276	66.417	48.875	42.300