

UNCLASSIFIED

**Department of Defense  
Fiscal Year (FY) 2014 Amended Budget Estimates**

May 2013



**Air Force**

*Justification Book Volume 1 of 1*

***Aircraft Procurement, Air Force***

UNCLASSIFIED

UNCLASSIFIED

THIS PAGE INTENTIONALLY LEFT BLANK

UNCLASSIFIED

**UNCLASSIFIED**

Air Force • Amended Budget Estimates FY 2014 • Procurement

**Volume 1 Table of Contents**

Line Item Table of Contents (by Appropriation then Line Number)..... Volume 1 - iii

Line Item Table of Contents (Alphabetically by Line Item Title)..... Volume 1 - v

Exhibit P-1M..... Volume 1 - vii

Exhibit P-40's..... Volume 1 - 1

UNCLASSIFIED

THIS PAGE INTENTIONALLY LEFT BLANK

UNCLASSIFIED

UNCLASSIFIED

Air Force • Amended Budget Estimates FY 2014 • Procurement

Line Item Table of Contents (by Appropriation then Line Number)

***Appropriation 3010F: Aircraft Procurement, Air Force***

Line #	BA	BSA	Line Item Number	Line Item Title	Page
32	05	01	LAIRCM	Large Aircraft Infrared Countermeasures.....	Volume 1 - 1
51(52)	05	05	00U200	U-2 Mods.....	Volume 1 - 25
59	05	05	C13000	C-130.....	Volume 1 - 33
64	05	05	DARP01	RC-135.....	Volume 1 - 61

***Appropriation 3010F: Aircraft Procurement, Air Force***

Line #	BA	BSA	Line Item Number	Line Item Title	Page
79	07	01	000071	Aircraft Replacement Support Equip.....	Volume 1 - 79

UNCLASSIFIED

UNCLASSIFIED

THIS PAGE INTENTIONALLY LEFT BLANK

UNCLASSIFIED

**UNCLASSIFIED**

Air Force • Amended Budget Estimates FY 2014 • Procurement

**Line Item Table of Contents (Alphabetically by Line Item Title)**

<b>Line Item Title</b>	<b>Line Item Number</b>	<b>Line #</b>	<b>BA</b>	<b>BSA</b>	<b>Page</b>
Aircraft Replacement Support Equip	000071	79	07	01.....	Volume 1 - 79
C-130	C13000	59	05	05.....	Volume 1 - 33
Large Aircraft Infrared Countermeasures	LAIRCM	32	05	01.....	Volume 1 - 1
RC-135	DARP01	64	05	05.....	Volume 1 - 61
U-2 Mods	00U200	51(52)	05	05.....	Volume 1 - 25

**UNCLASSIFIED**

UNCLASSIFIED

THIS PAGE INTENTIONALLY LEFT BLANK

UNCLASSIFIED



**UNCLASSIFIED**

Air Force • Amended Budget Estimates FY 2014 • Procurement  
Exhibit P-1M  
(Listing by Model)

**Cost (\$ in Millions)**

Model	Modification #	Modification Title	All Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018
C-130	9139	MOD V IFF	-	26.566	11.740	6.803	-	6.803	1.630	-	-	-
C-130	92301	AFR C-130 Fuselage Trainer Modification	-	-	-	7.000	-	7.000	-	-	-	-
<b>Model Subtotal, C-130:</b>			0.000	26.566	11.740	13.803	0.000	13.803	1.630	0.000	0.000	0.000

**Cost (\$ in Millions)**

Model	Modification #	Modification Title	All Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018
C-130H 1/2/3	1	8.33 kHz Radios -- Minimize C-130 CNS/ATM Program	-	-	-	9.922	-	9.922	7.447	7.747	5.272	2.550
C-130H 1/2/3	2	CVR/DVR -- Minimize C-130 CNS/ATM Program	-	-	-	4.278	-	4.278	7.151	6.907	8.428	14.096
<b>Model Subtotal, C-130H 1/2/3:</b>			0.000	0.000	0.000	14.200	0.000	14.200	14.598	14.654	13.700	16.646

**UNCLASSIFIED**

**UNCLASSIFIED**

Air Force • Amended Budget Estimates FY 2014 • Procurement  
Exhibit P-1M  
(Listing by Model)

			Cost (\$ in Millions)									
Model	Modification #	Modification Title	All Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018
C-130H, MC-130H, HC-130P/N, EC-130H, AC-130U,	8578	C-130 SYSTEMS/STRUCTURE (PHASE II MODERNIZATION)	595.338	6.191	52.804	24.833	-	24.833	13.773	14.019	14.216	14.472
<b>Model Subtotal, C-130H, MC-130H, HC-130P/N, EC-130H, AC-130U,:</b>			595.338	6.191	52.804	24.833	0.000	24.833	13.773	14.019	14.216	14.472

			Cost (\$ in Millions)									
Model	Modification #	Modification Title	All Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018
C-17	2	LARGE AIRCRAFT INFRARED COUNTERMEASURES C-17	-	-	17.368	15.291	-	15.291	16.085	15.916	16.257	16.550
<b>Model Subtotal, C-17:</b>			0.000	0.000	17.368	15.291	0.000	15.291	16.085	15.916	16.257	16.550

**UNCLASSIFIED**

**UNCLASSIFIED**

Air Force • Amended Budget Estimates FY 2014 • Procurement  
Exhibit P-1M  
(Listing by Model)

**Cost (\$ in Millions)**

Model	Modification #	Modification Title	All Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018
C130J	1	LARGE AIRCRAFT INFRARED COUNTERMEASURES C-130J	0.000	0.000	46.385	8.447	63.050	71.497	8.603	8.707	8.864	9.024
<b>Model Subtotal, C130J:</b>			0.000	0.000	46.385	8.447	63.050	71.497	8.603	8.707	8.864	9.024

**Cost (\$ in Millions)**

Model	Modification #	Modification Title	All Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018
MC-130J, HC-130J	3	LARGE AIRCRAFT INFRARED COUNTERMEASURES HC/MC-130 Recap	-	-	46.100	-	31.000	31.000	-	-	-	-
<b>Model Subtotal, MC-130J, HC-130J:</b>			0.000	0.000	46.100	0.000	31.000	31.000	0.000	0.000	0.000	0.000

**UNCLASSIFIED**

**UNCLASSIFIED**

Air Force • Amended Budget Estimates FY 2014 • Procurement  
Exhibit P-1M  
(Listing by Model)

**Cost (\$ in Millions)**

Model	Modification #	Modification Title	All Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018
MHU-196/204	1	MHU-196/204 SLEP - Munitions Handling Units (MHU)-196/204 Service Life Extension Program (SLEP)	-	-	-	5.000	-	5.000	8.000	8.000	8.000	8.144
<b>Model Subtotal, MHU-196/204:</b>			0.000	0.000	0.000	5.000	0.000	5.000	8.000	8.000	8.000	8.144

**Cost (\$ in Millions)**

Model	Modification #	Modification Title	All Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018
No text provided.	4494	U-2 Mod	-	-	91.277	45.591	11.300	56.891	61.120	20.233	43.900	52.835
<b>Model Subtotal, No text provided.:</b>			0.000	0.000	91.277	45.591	11.300	56.891	61.120	20.233	43.900	52.835

**UNCLASSIFIED**

**UNCLASSIFIED**

Air Force • Amended Budget Estimates FY 2014 • Procurement  
Exhibit P-1M  
(Listing by Model)

**Cost (\$ in Millions)**

Model	Modification #	Modification Title	All Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018
RC-135S, TC-135W	2504	COBRA BALL	-	10.331	10.186	10.119	-	10.119	10.182	10.111	10.155	10.202
<b>Model Subtotal, RC-135S, TC-135W:</b>			0.000	10.331	10.186	10.119	0.000	10.119	10.182	10.111	10.155	10.202

**Cost (\$ in Millions)**

Model	Modification #	Modification Title	All Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018
RC-135U	4265	COMBAT SENT	-	10.096	10.268	10.444	-	10.444	10.641	10.333	10.328	10.326
<b>Model Subtotal, RC-135U:</b>			0.000	10.096	10.268	10.444	0.000	10.444	10.641	10.333	10.328	10.326

**UNCLASSIFIED**

**UNCLASSIFIED**

Air Force • Amended Budget Estimates FY 2014 • Procurement  
Exhibit P-1M  
(Listing by Model)

			Cost (\$ in Millions)									
Model	Modification #	Modification Title	All Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018
RC-135V/W & TC-135W	4263	RIVET JOINT	-	141.784	152.783	151.250	2.700	153.950	153.433	157.197	160.404	163.615
<b>Model Subtotal, RC-135V/W &amp; TC-135W:</b>			0.000	141.784	152.783	151.250	2.700	153.950	153.433	157.197	160.404	163.615

**UNCLASSIFIED**

# UNCLASSIFIED

**Exhibit P-40, Budget Item Justification Sheet:** PB Amended 2014 Air Force **Date:** May 2013

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 1: Strategic Aircraft	<b>P-1 Line Item Nomenclature:</b> LAIRCM - Large Aircraft Infrared Countermeasures
--	--

<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A	<b>Program Elements for Code B Items:</b>	<b>Other Related Program Elements:</b> 0401134F
---	---	---

**MDAP/MAIS Code(s):**

Resource Summary	Prior Years	FY 2012	FY 2013 <sup>#</sup>	FY 2014 Base	FY 2014 OCO <sup>##</sup>	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	0.000	-	168.600	27.197	94.050	121.247	25.791	25.688	26.115	26.588	1,245.191	1,639.220
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) ( <i>\$ in Millions</i> )	0.000	-	168.600	27.197	94.050	121.247	25.791	25.688	26.115	26.588	1,245.191	1,639.220
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	<b>0.000</b>	<b>-</b>	<b>168.600</b>	<b>27.197</b>	<b>94.050</b>	<b>121.247</b>	<b>25.791</b>	<b>25.688</b>	<b>26.115</b>	<b>26.588</b>	<b>1,245.191</b>	<b>1,639.220</b>
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost ( <i>Units in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>Units in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-

<sup>#</sup> FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

<sup>##</sup> This Budget Amendment, which includes Base and OCO funding for FY 2014, replaces the FY 2014 Base Budget Request only submission of April 2013

## Description:

The Large Aircraft Infrared Countermeasures (LAIRCM) system provides a significantly improved defensive capability for the Department of Defense to counter the proliferating infrared (IR) man-portable air defense systems (MANPADS) missile threats. This system is fully automatic following power-up and consists of group A aircraft modification kits and group B equipment. The LAIRCM system [AN/AQQ-24(V)] consists of Missile Warning Sensors (MWS), Guardian Laser Transmitter Assemblies (GLTA)/Small Laser Transmitter Assemblies (SLTA), a colorless eye-safe multiband laser, Control Indicator Unit (CIU), a system processor to detect, track and counter incoming IR missiles and repeaters as needed by the platform.

Enhancements and retrofits to the current configuration were planned for purchase and installation in FY08 and beyond. These enhancements include retrofits of the SLTA to a smaller, lighter GLTA. In addition, the current AAR-54 sensor will be replaced by a more effective infrared (IR) Next Generation Missile Warning Sensor (NexGen MWS). The processor and CIU are also slated to be replaced with updated versions that address Diminishing Manufacturing Sources (DMS) and improve reliability.

The LAIRCM production modification funds individual platforms via their P-1 line items through FY12 (P-1 lines: C-130J, #65; C-17, #48; C-5, #43; C-130, #63; and HC/MC-130 Recap, #75). The production modification funding continues in FY13 via the LAIRCM P-1 line item (#35). This change consolidates all Air Force LAIRCM production funding under a single P-1 line item and facilitates improved financial reporting and flexibility in meeting warfighter requirements. However, each individual platform program office retains program management, requirements generation and reporting responsibilities for their LAIRCM modification programs.

Funding for this exhibit contained in PE 0401134F.

The total \$168.6M in FY13 funding is comprised of \$139.8M OCO and \$28.8M in baseline.

The total FY14 funding, \$121.2M, is comprised of \$27.2M in baseline and \$94.0M OCO. This OCO funding modifies C-130J and HC/MC-130J aircraft operating in theater or in direct support of combat operations purchases.

**UNCLASSIFIED**

<b>Exhibit P-40, Budget Item Justification Sheet:</b> PB Amended 2014 Air Force							<b>Date:</b> May 2013		
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 1: Strategic Aircraft							<b>P-1 Line Item Nomenclature:</b> LAIRCM - Large Aircraft Infrared Countermeasures		
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A			<b>Program Elements for Code B Items:</b>			<b>Other Related Program Elements:</b> 0401134F			
<b>MDAP/MAIS Code(s):</b>									

Secondary Distribution		FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018
AF	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	-	164.725	27.197	78.850	106.047	25.791	25.688	26.115	26.588
AFNG	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	-	-	-	15.200	15.200	-	-	-	-
AFR	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	-	3.875	-	-	-	-	-	-	-

Item Schedule			Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits	ID CD	Unit Cost (\$ M )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ M )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ M )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ M )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ M )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ M )	Qty (Each)	Total Cost (\$ M )
LARGE AIRCRAFT INFRARED COUNTERMEASURES C-130	P40A		-	-	0.000	-	-	-	-	-	28.300	-	-	-	-	-	-	-	-	-
LAIRCM C-17 LTA Retrofit	P40A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LAIRCM C-17 MWS Retrofit	P40A		-	-	0.000	-	-	-	-	-	-	-	-	0.420	-	-	-	-	-	0.420
LARGE AIRCRAFT INFRARED COUNTERMEASURES C-5	P40A		-	-	0.000	-	-	-	-	-	30.447	-	-	3.039	-	-	-	-	-	3.039
1 - LARGE AIRCRAFT INFRARED COUNTERMEASURES C-130J	P3A		-	-	0.000	-	-	-	-	-	46.385	-	-	8.447	-	-	63.050	-	-	71.497
2 - LARGE AIRCRAFT INFRARED COUNTERMEASURES C-17	P3A		-	-	-	-	-	-	-	-	17.368	-	-	15.291	-	-	-	-	-	15.291
3 - LARGE AIRCRAFT INFRARED COUNTERMEASURES HC/ MC-130 Recap	P3A		-	-	-	-	-	-	-	-	46.100	-	-	-	-	-	31.000	-	-	31.000
Total Gross/Weapon System Cost					0.000			-			168.600			27.197			94.050			121.247



**UNCLASSIFIED**

<b>Exhibit P-40, Budget Item Justification Sheet:</b> PB Amended 2014 Air Force																<b>Date:</b> May 2013					
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 1: Strategic Aircraft												<b>P-1 Line Item Nomenclature:</b> LAIRCM - Large Aircraft Infrared Countermeasures									
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A						<b>Program Elements for Code B Items:</b>						<b>Other Related Program Elements:</b> 0401134F									
<b>MDAP/MAIS Code(s):</b>																					
Item Schedule		ID CD	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total			
Item Nomenclature*	Exhibits		Unit Cost (\$ M )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ M )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ M )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ M )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ M )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ M )	Qty (Each)	Total Cost (\$ M )	
LARGE AIRCRAFT INFRARED COUNTERMEASURES C-130	P40A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	28.300	
LAIRCM C-17 LTA Retrofit	P40A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	21.159	-	-	21.159	
LAIRCM C-17 MWS Retrofit	P40A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	451.349	-	-	451.769	
LARGE AIRCRAFT INFRARED COUNTERMEASURES C-5	P40A		-	-	1.103	-	-	1.065	-	-	0.994	-	-	1.014	-	-	-	-	-	37.662	
1 - LARGE AIRCRAFT INFRARED COUNTERMEASURES C-130J	P3A		-	-	8.603	-	-	8.707	-	-	8.864	-	-	9.024	-	-	734.905	-	-	887.985	
2 - LARGE AIRCRAFT INFRARED COUNTERMEASURES C-17	P3A		-	-	16.085	-	-	15.916	-	-	16.257	-	-	16.550	-	-	37.778	-	-	135.245	
3 - LARGE AIRCRAFT INFRARED COUNTERMEASURES HC/ MC-130 Recap	P3A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	77.100	
<b>Total Gross/Weapon System Cost</b>					<b>25.791</b>			<b>25.688</b>			<b>26.115</b>			<b>26.588</b>			<b>1,245.191</b>			<b>1,639.220</b>	
*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.																					
Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.																					
<b>Justification:</b> Where applicable, justification for individual modifications is provided in the P-3A exhibits.																					

# UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB Amended 2014 Air Force									Date: May 2013			
Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 1: Strategic Aircraft			P-1 Line Item Nomenclature: LAIRCM - Large Aircraft Infrared Countermeasures						Modification Nomenclature (Modification Number - Modification Title): 1 - LARGE AIRCRAFT INFRARED COUNTERMEASURES C-130J			
Models of Systems Affected: C130J			Type Modification: Capability Improvement					Related RDT&E PEs: 0401134F				
Resource Summary	Prior Years	FY 2012	FY 2013 <sup>#</sup>	FY 2014 Base	FY 2014 OCO <sup>##</sup>	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	0.000	-	46.385	8.447	63.050	71.497	8.603	8.707	8.864	9.024	734.905	887.985
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	0.000	-	46.385	8.447	63.050	71.497	8.603	8.707	8.864	9.024	734.905	887.985
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	0.000	-	46.385	8.447	63.050	71.497	8.603	8.707	8.864	9.024	734.905	887.985
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
# FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
## This Budget Amendment, which includes Base and OCO funding for FY 2014, replaces the FY 2014 Base Budget Request only submission of April 2013												
Description:												
The Large Aircraft Infrared Countermeasures (LAIRCM) system provides a significantly improved defensive capability for the C-130J and EC-130J to counter the proliferating Infrared (IR) man-portable air defense systems (MANPADS) missile threats. This system is fully automatic following power-up and consists of group A aircraft modification kits and group B equipment. The LAIRCM system consists of, but is not limited to, 5 missile warning sensors (MWS), 2 Turret Assemblies, a colorless eye-safe multiband laser, control indicator unit (CIU), and a system processor to detect, track, and counter incoming IR missiles. As Line Replaceable Units (LRUs) are updated, LAIRCM will be updated with the latest configuration of LRUs.												
The "Change Orders" line in the funding table includes diminishing manufacturing sources (DMS) costs for the identification, review and monitoring of items with high DMS risk potential, classification of identified items according to criticality, identification of alternatives for items having high DMS risks, and non-recurring engineering (NRE)/replacement costs for DMS components. Additionally, "change orders" include NRE/replacement costs for equipment updates to increase reliability, availability, and maintainability of LAIRCM group B components as identified during the fiscal year.												
This program includes all efforts needed to procure, field and support LAIRCM. These efforts include, but not limited to, hardware procurement, installation, installation support, initial spares, support equipment, Government Furnished Equipment (GFE,) and GFE repairs, Interim Contractor Support (ICS), depot standup, mod-line repairs, Systems Engineering and Program Management (SEPM), Failure Reporting and Corrective Analysis Support (FRACAS), Technical Orders, Other Government Costs (OGCs), and Program Management and Administration (PMA) costs.												
FY14 includes procurement of NexGen capabilities for five EC-130Js (Guard) LAIRCM Group B kits, along with five Group A kits and installs. Funding will also include the use of on hand quantities of LAIRCM components with procurement of NexGen capability includes replacement of the MWS and processor from UV to IR.												
LAIRCM kit quantities purchased are dependent on the unit cost and/or the installation cost of the kits.												
NOTES:												

# UNCLASSIFIED

<b>Exhibit P-3A, Individual Modification:</b> PB Amended 2014 Air Force		<b>Date:</b> May 2013
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 1: Strategic Aircraft	<b>P-1 Line Item Nomenclature:</b> LAIRCM - Large Aircraft Infrared Countermeasures	<b>Modification Nomenclature</b> ( <i>Modification Number - Modification Title</i> ): 1 - LARGE AIRCRAFT INFRARED COUNTERMEASURES C-130J
<b>Models of Systems Affected:</b> C130J	<b>Type Modification:</b> Capability Improvement	<b>Related RDT&amp;E PEs:</b> 0401134F
<p>The C-130J LAIRCM production modification is funded via the C-130J P-1 line item through FY12. The LAIRCM production modification number through FY12 is 8629. The C-130J LAIRCM production modification funding continues in FY13 until completion via the LAIRCM P-1 line item. The LAIRCM production modification number for C-130J starting with FY13 is 8629C130J. This change consolidated all Air Force LAIRCM production funding under a single P-1 line item and facilitates improved financial reporting and flexibility in meeting warfighter requirements.</p> <p>FY09, FY11 and FY12 quantities only represent the C-130J P-1 line, the dollars are within the C-130J P-1.</p> <p>C-130J P-1 Line: FY12 procures 2 Grp A and B kits (Active) - Installs in FY16. FY12 OCO procures 5 Grp A and B kits (Active) - Installs in FY14.</p> <p>LAIRCM P-1 Line: FY13 procures 1 Grp A and B kit (Active) plus 8 installs (6 FY11 and 2 FY12) - Installs in FY15. FY13 OCO procures 8 Grp A and B kits (Active) and installs in FY15. FY14 procures 2 Grp A and B kits (Active) and installs in FY16 FY14 OCO procures 8 Grp A and B kits (Active) and installs in FY16 &amp; FY17 FY 15 procures 1 Grp A and B kits (Active)- Installs in FY17. FY16 procures 1 Grp A and B kits (Active) plus 1 installs - Installs in FY17. FY17 procures 1 Grp A and B kits (Active) plus 2 installs - Installs in FY18. FY 18 procures 1 Grp A and B kits (Active) plus 1 installs - Installs in FY19. To Complete procures 103 Grp A and B kits (Active) plus 105 installs - Installs in FY19 and beyond. Goal is to procure LAIRCM and install onboard 140 aircraft.</p> <p>The FY09 supplemental "Bridge" funding was early to need. The baseline EC-130J RDT&amp;E effort will complete in FY13. FY09 funds were used to buy 4 EC-130J UV Group B kits. Some of the Group B components will be combined with FY14 LAIRCM NexGen components and installed.</p> <p>FY14 OCO funds justification: LAIRCM is an operationally-required modification to USAF aircraft operating in theater or in direct support of combat operations, for which funding can be obligated in 12 months, and that are not already programmed in the FYDP.</p> <p>This program has associated Research, Development, Test &amp; Evaluation (RDT&amp;E) funding in PE 0401134F. One C-130J was modified using RDT&amp;E funding. This is not included as part of the 140 planned C-130Js to be modified with this exhibit. FY 2009 funding totals include \$12M of appropriated supplemental "Bridge" funding. FY 2011 NGREA funding \$22.6M procures 7 Group B kits for the Air National Guard. FY 2012 funding totals include \$27.9M for Overseas Contingency Operations. FY 2013 funding totals include \$38.1M for Overseas Contingency Operations.</p> <p>"Installation of Hardware" and the "Installation Schedule" sections are aligned with group A installs. Install schedule is predicated on additional modification lines at WR-ALC and/or Lockheed Martin.</p>		

# UNCLASSIFIED

<b>Exhibit P-3A, Individual Modification:</b> PB Amended 2014 Air Force		<b>Date:</b> May 2013																																																																																																																												
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 1: Strategic Aircraft		<b>P-1 Line Item Nomenclature:</b> LAIRCM - Large Aircraft Infrared Countermeasures																																																																																																																												
		<b>Modification Nomenclature</b> <i>(Modification Number - Modification Title):</i> 1 - LARGE AIRCRAFT INFRARED COUNTERMEASURES C-130J																																																																																																																												
<b>Models of Systems Affected:</b> C130J	<b>Type Modification:</b> Capability Improvement	<b>Related RDT&amp;E PEs:</b> 0401134F																																																																																																																												
<p>GROUP A &amp; B</p> <p>Kits</p> <table border="0"> <tr> <td>_____</td> <td>Prior</td> <td>_____</td> <td>FY12</td> <td>_____</td> <td>FY13</td> <td>_____</td> <td>FY14</td> <td>_____</td> <td>FY15</td> <td>_____</td> <td>FY16</td> <td>_____</td> <td>FY17</td> <td>_____</td> <td>FY18</td> <td>_____</td> <td>To Comp.</td> <td>_____</td> <td>Total</td> </tr> <tr> <td>Active</td> <td>_____</td> <td>6</td> <td>_____</td> <td>7</td> <td>_____</td> <td>9</td> <td>_____</td> <td>2</td> <td>_____</td> <td>1</td> <td>_____</td> <td>2</td> <td>_____</td> <td>1</td> <td>_____</td> <td>1</td> <td>_____</td> <td>104</td> <td>_____</td> <td>133</td> </tr> <tr> <td>ANG</td> <td>_____</td> <td>2</td> <td>_____</td> <td>0</td> <td>_____</td> <td>0</td> <td>_____</td> <td>0</td> <td>_____</td> <td>0</td> <td>_____</td> <td>0</td> <td>_____</td> <td>0</td> <td>_____</td> <td>0</td> <td>_____</td> <td>5</td> <td>_____</td> <td>7</td> </tr> </table> <p>Kit Install</p> <table border="0"> <tr> <td>_____</td> <td>Prior</td> <td>_____</td> <td>FY12</td> <td>_____</td> <td>FY13</td> <td>_____</td> <td>FY14</td> <td>_____</td> <td>FY15</td> <td>_____</td> <td>FY16</td> <td>_____</td> <td>FY17</td> <td>_____</td> <td>FY18</td> <td>_____</td> <td>To Comp.</td> <td>_____</td> <td>Total</td> </tr> <tr> <td>Active</td> <td>_____</td> <td>0</td> <td>_____</td> <td>0</td> <td>_____</td> <td>5</td> <td>_____</td> <td>14</td> <td>_____</td> <td>10</td> <td>_____</td> <td>0</td> <td>_____</td> <td>1</td> <td>_____</td> <td>2</td> <td>_____</td> <td>100</td> <td>_____</td> <td>133</td> </tr> <tr> <td>ANG</td> <td>_____</td> <td>0</td> <td>_____</td> <td>2</td> <td>_____</td> <td>0</td> <td>_____</td> <td>0</td> <td>_____</td> <td>5</td> <td>_____</td> <td>0</td> <td>_____</td> <td>0</td> <td>_____</td> <td>0</td> <td>_____</td> <td>0</td> <td>_____</td> <td>7</td> </tr> </table> <p>"Aircraft Breakdown" represents the total amount of group A equipment procured with Aircraft Modification funds associated with the C-130J P-1 Line and LAIRCM P-1 Line.</p> <p>Aircraft Breakdown: ACTIVE 133, RESERVE 0, ANG 7, TOTAL 140</p> <p>Milestone/Development Status</p> <p>LAIRCM development on the C-130J platform concluded in FY 11. First production kit buy was in FY 11. The C-130J LAIRCM system will incorporate the GLTA and the AAR-54 MWS.</p>			_____	Prior	_____	FY12	_____	FY13	_____	FY14	_____	FY15	_____	FY16	_____	FY17	_____	FY18	_____	To Comp.	_____	Total	Active	_____	6	_____	7	_____	9	_____	2	_____	1	_____	2	_____	1	_____	1	_____	104	_____	133	ANG	_____	2	_____	0	_____	0	_____	0	_____	0	_____	0	_____	0	_____	0	_____	5	_____	7	_____	Prior	_____	FY12	_____	FY13	_____	FY14	_____	FY15	_____	FY16	_____	FY17	_____	FY18	_____	To Comp.	_____	Total	Active	_____	0	_____	0	_____	5	_____	14	_____	10	_____	0	_____	1	_____	2	_____	100	_____	133	ANG	_____	0	_____	2	_____	0	_____	0	_____	5	_____	0	_____	0	_____	0	_____	0	_____	7
_____	Prior	_____	FY12	_____	FY13	_____	FY14	_____	FY15	_____	FY16	_____	FY17	_____	FY18	_____	To Comp.	_____	Total																																																																																																											
Active	_____	6	_____	7	_____	9	_____	2	_____	1	_____	2	_____	1	_____	1	_____	104	_____	133																																																																																																										
ANG	_____	2	_____	0	_____	0	_____	0	_____	0	_____	0	_____	0	_____	0	_____	5	_____	7																																																																																																										
_____	Prior	_____	FY12	_____	FY13	_____	FY14	_____	FY15	_____	FY16	_____	FY17	_____	FY18	_____	To Comp.	_____	Total																																																																																																											
Active	_____	0	_____	0	_____	5	_____	14	_____	10	_____	0	_____	1	_____	2	_____	100	_____	133																																																																																																										
ANG	_____	0	_____	2	_____	0	_____	0	_____	5	_____	0	_____	0	_____	0	_____	0	_____	7																																																																																																										

**UNCLASSIFIED**

Exhibit P-3A, Individual Modification: PB Amended 2014 Air Force									Date: May 2013			
Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 1: Strategic Aircraft				P-1 Line Item Nomenclature: LAIRCM - Large Aircraft Infrared Countermeasures					Modification Nomenclature (Modification Number - Modification Title): 1 - LARGE AIRCRAFT INFRARED COUNTERMEASURES C-130J			
Models of Systems Affected: C130J			Type Modification: Capability Improvement					Related RDT&E PEs: 0401134F				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
LARGE AIRCRAFT INFRARED COUNTERMEASURES C-130J												
A Kits												
Recurring												
INSTALL KITS Group A (Active)	6 / 0.000	7 / -	9 / 6.275	2 / 1.400	8 / 5.600	10 / 7.000	- / -	1 / 0.762	1 / 0.776	1 / 0.790	98 / 89.626	133 / 105.229
INSTALL KITS Group A (Guard)	2 / 0.000	- / -	- / -	- / -	5 / 3.800	5 / 3.800	- / -	- / -	- / -	- / -	- / -	7 / 3.800
Subtotal Recurring	8 / 0.000	7 / -	9 / 6.275	2 / 1.400	13 / 9.400	15 / 10.800	- / -	1 / 0.762	1 / 0.776	1 / 0.790	98 / 89.626	140 / 109.029
Non-Recurring												
KITS NONRECUR Group A (Active)	0 / 0.000	- / -	- / 0.033	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.033
Subtotal Non-Recurring	0 / 0.000	- / -	- / 0.033	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.033
B Kits												
Recurring												
EQUIPMENT Group B (Active)	6 / 0.000	7 / -	9 / 19.416	2 / 5.010	8 / 20.000	10 / 25.010	- / -	1 / 2.485	1 / 2.530	1 / 2.576	98 / 292.318	133 / 344.335
EQUIPMENT Group B (Guard)	2 / 0.000	- / -	- / -	- / -	5 / 11.400	5 / 11.400	- / -	- / -	- / -	- / -	- / -	7 / 11.400
Subtotal Recurring	8 / 0.000	7 / -	9 / 19.416	2 / 5.010	13 / 31.400	15 / 36.410	- / -	1 / 2.485	1 / 2.530	1 / 2.576	98 / 292.318	140 / 355.735
Secondary Distribution												
AF	6 / 0.000	7 / -	9 / 35.685	2 / 7.747	8 / 36.950	10 / 44.697	- / 7.194	1 / 6.926	1 / 7.625	1 / 7.952	- / -	- / -
AFNG	2 / 0.000	- / -	- / -	- / -	5 / 15.200	5 / 15.200	- / -	- / -	- / -	- / -	- / -	- / -
Total, LARGE AIRCRAFT INFRARED COUNTERMEASURES C-130J	8 / 0.000	7 / -	9 / 25.724	2 / 6.410	13 / 40.800	15 / 47.210	- / -	1 / 3.247	1 / 3.306	1 / 3.366	98 / 381.944	140 / 464.797
Total Procurement, All Modifications	8 / 0.000	7 / -	9 / 25.724	2 / 6.410	13 / 40.800	15 / 47.210	- / -	1 / 3.247	1 / 3.306	1 / 3.366	98 / 381.944	140 / 464.797
Support												
CHANGE ORDERS	0 / 0.000	- / -	- / 3.848	- / -	- / 1.100	- / 1.100	- / 0.917	- / 0.599	- / 0.721	- / 0.432	- / 64.571	- / 72.188
DATA	0 / 0.000	- / -	- / 0.311	- / -	- / 0.250	- / 0.250	- / 0.192	- / 0.197	- / 0.225	- / 0.263	- / 4.261	- / 5.699
SIM/TRAINER	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / 1.662	- / 0.221	- / 1.069	- / 1.366	- / 17.684	- / 22.002
SUPPORT- EQUIP	0 / 0.000	- / -	- / -	- / -	- / 1.500	- / 1.500	- / -	- / -	- / -	- / -	- / -	- / 1.500
Install Spares	0 / 0.000	- / -	- / 3.188	- / 0.269	- / 5.500	- / 5.769	- / 1.425	- / 0.262	- / 0.398	- / 0.405	- / 34.075	- / 45.522
ICS-Labor	0 / 0.000	- / -	- / -	- / -	- / 2.000	- / 2.000	- / -	- / -	- / -	- / -	- / -	- / 2.000
Depot Stand-up	0 / 0.000	- / -	- / -	- / 0.108	- / -	- / 0.108	- / 0.650	- / 0.232	- / 0.225	- / 0.686	- / 11.160	- / 13.061
PROGRAM MANAGEMENT	0 / 0.000	- / -	- / 1.420	- / 0.960	- / -	- / 0.960	- / 0.936	- / 0.953	- / 0.970	- / 0.987	- / 41.182	- / 47.408

**UNCLASSIFIED**

LI LAIRCM - Large Aircraft Infrared Countermeasures  
Air Force

**UNCLASSIFIED**  
Page 8 of 24

P-1 Line #32

Volume 1 - 8

**UNCLASSIFIED**

<b>Exhibit P-3A, Individual Modification:</b> PB Amended 2014 Air Force								<b>Date:</b> May 2013				
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 1: Strategic Aircraft				<b>P-1 Line Item Nomenclature:</b> LAIRCM - Large Aircraft Infrared Countermeasures				<b>Modification Nomenclature</b> ( <i>Modification Number - Modification Title</i> ): 1 - LARGE AIRCRAFT INFRARED COUNTERMEASURES C-130J				
<b>Models of Systems Affected:</b> C130J			<b>Type Modification:</b> Capability Improvement				<b>Related RDT&amp;E PEs:</b> 0401134F					
<b>Manufacturer Information: LARGE AIRCRAFT INFRARED COUNTERMEASURES C-130J</b>												
Manufacturer Name: NORTHROP GRUMMAN							Manufacturer Location: ROLLING MEADOWS					
Administrative Leadtime ( <i>in Months</i> ): 6							Production Leadtime ( <i>in Months</i> ): 14					
<b>Dates</b>	<b>FY 2012</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>					
Contract Dates		Mar 2014	Mar 2015		Mar 2016	Mar 2017	Mar 2018					
Delivery Dates		May 2015	May 2016		May 2017	May 2018	May 2019					
<b>Installation:</b> LARGE AIRCRAFT INFRARED COUNTERMEASURES C-130J			<b>Method of Implementation:</b> Depot					<b>Installation Name:</b>				
<b>Installation Cost</b>	<b>Prior Years</b>	<b>FY 2012</b>	<b>FY 2013</b>	<b>FY 2014 Base</b>	<b>FY 2014 OCO</b>	<b>FY 2014 Total</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>To Complete</b>	<b>Total</b>
	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )
All Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2013	- / -	- / -	- / 10.700	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 10.700
Secondary Distribution - Air Force Active	- / -	- / -	- / 10.700	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / 0.700	4 / 10.900	4 / 11.600	8 / 1.409	- / -	- / -	- / -	- / -	12 / 13.009
Secondary Distribution - Air Force Active	- / -	- / -	- / -	- / 0.700	4 / 10.900	4 / 11.600	8 / 1.409	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.781	- / -	- / -	- / -	- / 1.781
Secondary Distribution - Air Force Active	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.781	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 1.239	- / -	- / -	1 / 1.239
Secondary Distribution - Air Force Active	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 1.239	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 1.072	- / -	1 / 1.072
Secondary Distribution - Air Force Active	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 1.072	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	111 / 117.332	111 / 117.332
Secondary Distribution - Air Force Active	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	- / -	- / -	- / 10.700	- / 0.700	4 / 10.900	4 / 11.600	8 / 1.409	- / 1.781	1 / 1.239	1 / 1.072	111 / 117.332	125 / 145.133
Secondary Distribution - Air Force Active	- / -	- / -	- / 10.700	- / 0.700	4 / 10.900	4 / 11.600	8 / 1.409	- / 1.781	1 / 1.239	1 / 1.072	- / -	- / -

**UNCLASSIFIED**

<b>Exhibit P-3A, Individual Modification:</b> PB Amended 2014 Air Force																							<b>Date:</b> May 2013								
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 1: Strategic Aircraft											<b>P-1 Line Item Nomenclature:</b> LAIRCM - Large Aircraft Infrared Countermeasures											<b>Modification Nomenclature</b> ( <i>Modification Number - Modification Title</i> ): 1 - LARGE AIRCRAFT INFRARED COUNTERMEASURES C-130J									
<b>Models of Systems Affected:</b> C130J										<b>Type Modification:</b> Capability Improvement										<b>Related RDT&amp;E PEs:</b> 0401134F											
<b>Installation:</b> LARGE AIRCRAFT INFRARED COUNTERMEASURES C-130J											<b>Method of Implementation:</b> Depot										<b>Installation Name:</b>										
<b>Installation Schedule</b>																															
	<b>APY</b>	<b>FY 2012</b>				<b>FY 2013</b>				<b>FY 2014</b>				<b>FY 2015</b>				<b>FY 2016</b>				<b>FY 2017</b>				<b>FY 2018</b>					
		<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>TC</b>	<b>Tot</b>
In	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	2	3	3	3	4	4	1	1	1	-	-	1	114	140
Out	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	2	3	3	3	4	4	1	1	1	-	-	113	140



# UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB Amended 2014 Air Force									Date: May 2013			
Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 1: Strategic Aircraft				P-1 Line Item Nomenclature: LAIRCM - Large Aircraft Infrared Countermeasures					Modification Nomenclature (Modification Number - Modification Title): 2 - LARGE AIRCRAFT INFRARED COUNTERMEASURES C-17			
Models of Systems Affected: C-17			Type Modification: Capability Improvement					Related RDT&E PEs: 0401134F				
Resource Summary	Prior Years	FY 2012	FY 2013 <sup>#</sup>	FY 2014 Base	FY 2014 OCO <sup>##</sup>	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	-	-	17.368	15.291	-	15.291	16.085	15.916	16.257	16.550	37.778	135.245
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	-	17.368	15.291	-	15.291	16.085	15.916	16.257	16.550	37.778	135.245
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	-	-	17.368	15.291	-	15.291	16.085	15.916	16.257	16.550	37.778	135.245
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
# FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
## This Budget Amendment, which includes Base and OCO funding for FY 2014, replaces the FY 2014 Base Budget Request only submission of April 2013												
Description:												
The Large Aircraft Infrared Countermeasures (LAIRCM) system provides a significantly improved defensive capability for the C-17 to counter the proliferating infrared (IR) man-portable air defense systems (MANPADS) missile threats. This system is fully automatic following power-up and consists of group A aircraft modification kits and group B equipment. The LAIRCM system [AN/AQQ-24(V)] consists of 6 missile warning sensors (MWS), 1 (lite configuration) or 3 (full configuration) Guardian Laser Transmitter Assemblies (GLTA)/Small Laser Transmitter Assemblies (SLTA), a colorless eye-safe multibeam laser, control indicator unit (CIU), 2 repeaters and a system processor to detect, track and counter incoming IR missiles.												
Enhancements and retrofits to the current configuration are planned for purchase and installation in FY14 and beyond. These enhancements include retrofits of the SLTA to a smaller, lighter GLTA. In addition, the current AAR-54 sensor will be replaced by a more effective infrared (IR) Next Generation Missile Warning Sensor (NexGen MWS). The processor and CIU are also slated to be replaced with updated versions that address diminishing manufacturing sources (DMS) and reliability efforts.												
The C-17 LAIRCM modification is appropriated through FY12 in the C-17 P-1 line item #48. C-17 LAIRCM modification funding continues in FY13 until completion in the LAIRCM P-1 line item. This change consolidates all Air Force LAIRCM funding under a single P-1 line item and facilitates improved financial reporting and flexibility in meeting warfighter requirements. The LAIRCM modification number through FY12 is 8629. Starting in FY13 the C-17 LAIRCM modification number is 8629C17. The SLTA to GLTA retrofit and NexGen MWS retrofit (not the initial LAIRCM NexGen MWS installs) are broken out in separate P3As starting in FY13. SLTA to GLTA retrofit funding is documented for FY12 and prior in P3A #8629. SLTA to GLTA retrofit funding is documented for FY13 and out in P3A #8629C17A. NexGen MWS retrofit funding is documented for FY12 and prior in P3A #8629. NexGen MWS retrofit funding is documented for FY13 and out in P3A #8629C17B. The narrative in this P3A (#8629C17) includes verbiage for these two retrofits but the funding table does not include hardware (Group A & B) and installation funding.												
The "Change Orders" line in the funding table include DMS costs for the identification, review, and monitoring of items with high DMS risk potential, classification of identified items according to criticality, identification of alternatives for items having high DMS risks, and non-recurring engineering (NRE)/replacement cost for DMS components. Additionally, "change orders" include NRE/replacement costs for equipment updates to increase reliability, availability, and maintainability of LAIRCM group B components as identified during the fiscal year.												

# UNCLASSIFIED

<b>Exhibit P-3A, Individual Modification:</b> PB Amended 2014 Air Force		<b>Date:</b> May 2013
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 1: Strategic Aircraft	<b>P-1 Line Item Nomenclature:</b> LAIRCM - Large Aircraft Infrared Countermeasures	<b>Modification Nomenclature</b> ( <i>Modification Number - Modification Title</i> ): 2 - LARGE AIRCRAFT INFRARED COUNTERMEASURES C-17
<b>Models of Systems Affected:</b> C-17	<b>Type Modification:</b> Capability Improvement	<b>Related RDT&amp;E PEs:</b> 0401134F
<p>This program includes all efforts needed to procure, field and support LAIRCM. These efforts include, but are not limited to, Hardware procurement, installation, installation support, modification spares, support equipment, government furnished equipment (GFE) and GFE repairs, Interim Contractor Support (ICS), depot standup, Systems Engineering and Program Management (SEPM), Failure Reporting and Corrective Analysis Support (FRACAS), Other Government Costs (OGCs), Pre-planned Product Improvements (P3I), program management and administration (PMA) costs and data.</p> <p>In FY 2011, five aircraft were reassigned from the US Air Force to the Air Force Reserve and Air National Guard. Three aircraft were assigned to the Air Force Reserve at Wright-Patterson AFB OH; two of the three had previously been modified with LAIRCM. Two aircraft were assigned to the Air National Guard at Stewart NGB NY; those two had previously been modified with LAIRCM. In FY 2012, thirteen aircraft were reassigned from the US Air Force to the Air Force Reserve and Air National Guard. Six aircraft were assigned to the Air Force Reserve at Wright-Patterson AFB OH; those six had previously been modified with LAIRCM. Seven aircraft were assigned to the Air National Guard at Stewart NGB NY; those seven had previously been modified with LAIRCM. In FY 2013, four aircraft were reassigned from the US Air Force to the Air National Guard at Memphis National Guard Base TN; 2 of the 4 had previously been modified with LAIRCM. Therefore, prior year kit buys and installs costs for Active, Guard and Reserve were adjusted accordingly.</p> <p>Adjusted installation schedule is a result of the C-17 program office standing up a fourth modification line and moving SLTA to GLTA upgrades from the main operating bases to the modification lines at the depot.</p> <p>NOTES: C-17 P-1 Line: (MN-8629 only) FY07 procured 11 group A kits, 11 GLTA-Lite group B kits, 13 SLTA to GLTA retrofit group A &amp; B kits, 1 NexGen retrofit group A kit and 2 NexGen retrofit group B kits and 1 install. FY07 Congressional Add procured 10 GLTA-Lite group A &amp; B kits and installs with Aircraft Production funds not documented on this P3A. FY07 GWOT procured 27 GLTA-Lite group A &amp; B kits and installs. FY08 procured 2 group A kits and 11 installs; 7 SLTA to GLTA retrofit group A &amp; B kits and sustaining engineering for 13 installs. FY08 GWOT procured 8 group A kits and installs. FY09 procured 2 A &amp; B kits and installs; 15 SLTA to GLTA retrofit group A &amp; B kits and sustaining engineering for 22 installs; and 1 NexGen retrofit group B kit. FY09 supplemental "Bridge" procured 4 A &amp; B kits and installs (Full configuration). FY10 procures 4 group A Kits &amp; 14 group B kits and 6 installs; 27 SLTA to GLTA retrofit group A &amp; B kits and sustaining engineering for installs; and 1 NexGen retrofit group A kits and 10 NexGen retrofit group B kits and 1 install. FY10 Congressional Add procured 32 group A kits &amp; installs &amp; 17 group B kits with Aircraft Production funds not documented on this P3A. FY10 OCO procured 14 NexGen group B kits. FY10 OCO procured 7 NexGen group B Kits; 4 SLTA to GLTA-Full retrofit group A &amp; B kits and installs; and additional spares. FY11 procured 20 NexGen retrofit group A kits &amp; 10 NexGen retrofit group B kits. FY11 OCO procured 29 NexGen group A kits and installs &amp; 8 NexGen group B kits; 10 NexGen retrofit group A &amp; B kits &amp; installs; 42 GLTA-Lite to GLTA-Full group B kits; and 8 SLTA to GLTA-Full group A &amp; B retrofit kits and sustaining engineering &amp; installs. FY12 procured 3 NexGen retrofit group A &amp; B kits and 20 NexGen retrofit installs. FY12 Congressional Add procured 1 NexGen group A &amp; B kit &amp; install with Aircraft Production funds not documented on this P3A.</p> <p>LAIRCM P-1 Line: (Includes 8629C17, 8629C17A, 8629C17B) FY13 procures 2 NexGen group A &amp; B kits. FY14 procures 1 NexGen group A &amp; B kit; 2 NexGen installs; 3 NexGen retrofit installs. FY15 procures 1 NexGen group A &amp; B kit; 1 NexGen install. FY16 procures 1 NexGen group A &amp; B kit; 1 NexGen install. FY17 procures 1 NexGen group A &amp; B kits; 1 NexGen install.</p>		

**UNCLASSIFIED**

<b>Exhibit P-3A, Individual Modification:</b> PB Amended 2014 Air Force		<b>Date:</b> May 2013																																																																																																														
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 1: Strategic Aircraft	<b>P-1 Line Item Nomenclature:</b> LAIRCM - Large Aircraft Infrared Countermeasures	<b>Modification Nomenclature</b> <i>(Modification Number - Modification Title):</i> 2 - LARGE AIRCRAFT INFRARED COUNTERMEASURES C-17																																																																																																														
<b>Models of Systems Affected:</b> C-17	<b>Type Modification:</b> Capability Improvement	<b>Related RDT&amp;E PEs:</b> 0401134F																																																																																																														
<p>FY18 procures 1 NexGen group A &amp; B kits; 1 NexGen install.</p> <p>To complete procures          8629C17-- 5 NexGen group A &amp; B kits and 6 NexGen installs;          8629C17A-- 5 SLTA-GLTA retrofit kits and installs;          8629C17B-- 145 NexGen group A retrofit kits and installs, 136 NexGen group B retrofits kits.</p> <p>LAIRCM kit quantities purchased are dependent on the unit cost and/or the installation cost of the kits.          RDT&amp;E funding: 2 group A, 2 group B          Aircraft Procurement funding: 43 group A, 28 group B (Aircraft Production procurement funding not documented on 8629 or 8629C17 P3A)          Modification/BA05 funding: 177 group A, 184 group B          TOTAL: 222 group A, 214 group B (NOTE: 8 aircraft are not getting group B)</p> <p>This program has associated Research, Development, Test &amp; Evaluation (RDT&amp;E) funding in PE 0401130F.          Two C-17s were modified with LAIRCM (group A &amp; B) using RDT&amp;E funds.          Aircraft group A Breakdown: 139 Active (includes 1 RDT&amp;E C-17), 18 Reserve, and 22 ANG (Includes 1 RDT&amp;E C-17)= 179 Total          Fleet management plan currently modifies 8 C-17s (Altus) with group A and not group B.</p> <p>FY 2009 funding totals include \$14M of appropriated supplemental "Bridge" funding.          FY 2010 funding totals include \$120.725M for Overseas Contingency Operations.          FY 2011 funding totals include \$176.45M for Overseas Contingency Operations.</p> <p>NEXGEN NEW INSTALLS SCHEDULE:</p> <p>GROUP A Procurement (FY of funding)</p> <p>Kit Procurement</p> <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>Prior</th> <th>FY12</th> <th>FY13</th> <th>FY14</th> <th>FY15</th> <th>FY16</th> <th>FY17</th> <th>FY18</th> <th>To Comp.</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td>Active</td> <td>129</td> <td>0</td> <td>2</td> <td>1</td> <td>1</td> <td>1</td> <td>1</td> <td>1</td> <td>2</td> <td>138</td> </tr> <tr> <td>Reserve</td> <td>18</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>18</td> </tr> <tr> <td>ANG</td> <td>18</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>3</td> <td>21</td> </tr> <tr> <td>Total:</td> <td>177</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <p>Installation schedule</p> <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>Prior</th> <th>FY12</th> <th>FY13</th> <th>FY14</th> <th>FY15</th> <th>FY16</th> <th>FY17</th> <th>FY18</th> <th>To Comp.</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td>Active</td> <td>90</td> <td>4</td> <td>7</td> <td>12</td> <td>20</td> <td>1</td> <td>1</td> <td>1</td> <td>1</td> <td>138</td> </tr> <tr> <td>Reserve</td> <td>17</td> <td>0</td> <td>0</td> <td>0</td> <td>1</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>18</td> </tr> <tr> <td>ANG</td> <td>9</td> <td>3</td> <td>5</td> <td>0</td> <td>1</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>21</td> </tr> <tr> <td>Total:</td> <td>177</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>				Prior	FY12	FY13	FY14	FY15	FY16	FY17	FY18	To Comp.	Total	Active	129	0	2	1	1	1	1	1	2	138	Reserve	18	0	0	0	0	0	0	0	0	18	ANG	18	0	0	0	0	0	0	0	3	21	Total:	177											Prior	FY12	FY13	FY14	FY15	FY16	FY17	FY18	To Comp.	Total	Active	90	4	7	12	20	1	1	1	1	138	Reserve	17	0	0	0	1	0	0	0	0	18	ANG	9	3	5	0	1	0	0	0	0	21	Total:	177									
	Prior	FY12	FY13	FY14	FY15	FY16	FY17	FY18	To Comp.	Total																																																																																																						
Active	129	0	2	1	1	1	1	1	2	138																																																																																																						
Reserve	18	0	0	0	0	0	0	0	0	18																																																																																																						
ANG	18	0	0	0	0	0	0	0	3	21																																																																																																						
Total:	177																																																																																																															
	Prior	FY12	FY13	FY14	FY15	FY16	FY17	FY18	To Comp.	Total																																																																																																						
Active	90	4	7	12	20	1	1	1	1	138																																																																																																						
Reserve	17	0	0	0	1	0	0	0	0	18																																																																																																						
ANG	9	3	5	0	1	0	0	0	0	21																																																																																																						
Total:	177																																																																																																															

# UNCLASSIFIED

<b>Exhibit P-3A, Individual Modification:</b> PB Amended 2014 Air Force		<b>Date:</b> May 2013																																																																																																																																																																																																						
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 1: Strategic Aircraft		<b>P-1 Line Item Nomenclature:</b> LAIRCM - Large Aircraft Infrared Countermeasures																																																																																																																																																																																																						
		<b>Modification Nomenclature</b> <i>(Modification Number - Modification Title):</i> 2 - LARGE AIRCRAFT INFRARED COUNTERMEASURES C-17																																																																																																																																																																																																						
<b>Models of Systems Affected:</b> C-17	<b>Type Modification:</b> Capability Improvement	<b>Related RDT&amp;E PEs:</b> 0401134F																																																																																																																																																																																																						
<p>Note: 7 group A and B installs were completed with Aircraft Procurement (BA02) funding and are not included in the totals above or the group B installations below; however, the group B kits were procured with Modification (BA05) funding so there are 184 group B kits being procured but only 177 group A Kits and group A and B installations.</p> <p>GROUP B Procurement (FY of funding, includes spares)</p> <p>Kit Procurement</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>Prior</th> <th>FY12</th> <th>FY13</th> <th>FY14</th> <th>FY15</th> <th>FY16</th> <th>FY17</th> <th>FY18</th> <th>To Comp.</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td>Active</td> <td>136</td> <td>0</td> <td>2</td> <td>1</td> <td>1</td> <td>1</td> <td>1</td> <td>1</td> <td>2</td> <td>145</td> </tr> <tr> <td>Reserve</td> <td>18</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>18</td> </tr> <tr> <td>ANG</td> <td>18</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>3</td> <td>21</td> </tr> <tr> <td><b>Total:</b></td> <td><b>184</b></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <p>Note: Funding swap of FY2011 OCO for FY2010 OCO has moved 7 group A &amp; B kits from FY2011 to FY2010.</p> <p>Installation schedule</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>Prior</th> <th>FY12</th> <th>FY13</th> <th>FY14</th> <th>FY15</th> <th>FY16</th> <th>FY17</th> <th>FY18</th> <th>To Comp.</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td>Active</td> <td>90</td> <td>4</td> <td>7</td> <td>12</td> <td>1</td> <td>1</td> <td>1</td> <td>1</td> <td>2</td> <td>138</td> </tr> <tr> <td>Reserve</td> <td>17</td> <td>0</td> <td>0</td> <td>1</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>18</td> </tr> <tr> <td>ANG</td> <td>9</td> <td>3</td> <td>5</td> <td>1</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>3</td> <td>21</td> </tr> <tr> <td><b>Total:</b></td> <td><b>177</b></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <p>Note: 177 C-17s will be retrofited with LAIRCM with Modification (BA05) funding between mod #8629 and mod #8629C17. 43 C-17s will be completed with Aircraft Procurement (BA02) funding and 2 with RDT&amp;E for a total of 222 C-17 installed with LAIRCM.</p> <p>C-17 planned retrofit procurement &amp; install schedule</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>Prior</th> <th>FY12</th> <th>FY13</th> <th>FY14</th> <th>FY15</th> <th>FY16</th> <th>FY17</th> <th>FY18</th> <th>To Comp.</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td>SLTA to GLTA Grp A &amp; B retrofit kits</td> <td>75</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>5</td> <td>80</td> </tr> <tr> <td>SLTA to GLTA retrofit kit installs*</td> <td>14</td> <td>18</td> <td>14</td> <td>21</td> <td>8</td> <td>0</td> <td>0</td> <td>0</td> <td>5</td> <td>80</td> </tr> <tr> <td>AAR-54 to NexGen Grp A retrofit kits</td> <td>32</td> <td>3</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>145</td> <td>180</td> </tr> <tr> <td>AAR-54 to NexGen Grp B retrofit kits</td> <td>33</td> <td>3</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>136</td> <td>172</td> </tr> <tr> <td>AAR-54 to NexGen retrofit kit installs</td> <td>1</td> <td>0</td> <td>1</td> <td>30</td> <td>3</td> <td>0</td> <td>0</td> <td>0</td> <td>145</td> <td>180</td> </tr> <tr> <td>GLTA Lite to Full Grp B procurements</td> <td>49</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>49</td> </tr> <tr> <td>GLTA Lite to Full installs (TCTO)</td> <td>21</td> <td>17</td> <td>8</td> <td>3</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>49</td> </tr> </tbody> </table> <p>Note: 3 GLTA-Lite were SLTA-GLTA-Lite conversions</p> <p>Note: FY2010 OCO procured 21 BP11 NexGen group B kits; the 21 NexGen group A kits and Installs will be accomplished with FY2011 OCO BP11.</p> <p>Note: SLTA to GLTA Retrofit Installations prior to FY12 were field retrofits completed by Recovery and Modification Services (RAMS), not funded with LAIRCM funds. Retrofit install schedule is based on lead times for kits. The actual install schedules will be dependent on release of the aircraft from the field for install.</p> <p>In addition to group B shipsets, the "EQUIPMENT group B" line cost (not quantity) includes the group B equipment (kits &amp; LRUs) procured for SLTA to GLTA retrofits, AAR-54 to NexGen group B retrofit and GLTA-Lite to Full retrofit. "RETROFIT KITS" and "RETROFIT INSTALLATION" reflect SLTA to GLTA, GLTA-Lite to Full and NexGen retrofit group A &amp; B kits and installs.</p>				Prior	FY12	FY13	FY14	FY15	FY16	FY17	FY18	To Comp.	Total	Active	136	0	2	1	1	1	1	1	2	145	Reserve	18	0	0	0	0	0	0	0	0	18	ANG	18	0	0	0	0	0	0	0	3	21	<b>Total:</b>	<b>184</b>											Prior	FY12	FY13	FY14	FY15	FY16	FY17	FY18	To Comp.	Total	Active	90	4	7	12	1	1	1	1	2	138	Reserve	17	0	0	1	0	0	0	0	0	18	ANG	9	3	5	1	0	0	0	0	3	21	<b>Total:</b>	<b>177</b>											Prior	FY12	FY13	FY14	FY15	FY16	FY17	FY18	To Comp.	Total	SLTA to GLTA Grp A & B retrofit kits	75	0	0	0	0	0	0	0	5	80	SLTA to GLTA retrofit kit installs*	14	18	14	21	8	0	0	0	5	80	AAR-54 to NexGen Grp A retrofit kits	32	3	0	0	0	0	0	0	145	180	AAR-54 to NexGen Grp B retrofit kits	33	3	0	0	0	0	0	0	136	172	AAR-54 to NexGen retrofit kit installs	1	0	1	30	3	0	0	0	145	180	GLTA Lite to Full Grp B procurements	49	0	0	0	0	0	0	0	0	49	GLTA Lite to Full installs (TCTO)	21	17	8	3	0	0	0	0	0	49
	Prior	FY12	FY13	FY14	FY15	FY16	FY17	FY18	To Comp.	Total																																																																																																																																																																																														
Active	136	0	2	1	1	1	1	1	2	145																																																																																																																																																																																														
Reserve	18	0	0	0	0	0	0	0	0	18																																																																																																																																																																																														
ANG	18	0	0	0	0	0	0	0	3	21																																																																																																																																																																																														
<b>Total:</b>	<b>184</b>																																																																																																																																																																																																							
	Prior	FY12	FY13	FY14	FY15	FY16	FY17	FY18	To Comp.	Total																																																																																																																																																																																														
Active	90	4	7	12	1	1	1	1	2	138																																																																																																																																																																																														
Reserve	17	0	0	1	0	0	0	0	0	18																																																																																																																																																																																														
ANG	9	3	5	1	0	0	0	0	3	21																																																																																																																																																																																														
<b>Total:</b>	<b>177</b>																																																																																																																																																																																																							
	Prior	FY12	FY13	FY14	FY15	FY16	FY17	FY18	To Comp.	Total																																																																																																																																																																																														
SLTA to GLTA Grp A & B retrofit kits	75	0	0	0	0	0	0	0	5	80																																																																																																																																																																																														
SLTA to GLTA retrofit kit installs*	14	18	14	21	8	0	0	0	5	80																																																																																																																																																																																														
AAR-54 to NexGen Grp A retrofit kits	32	3	0	0	0	0	0	0	145	180																																																																																																																																																																																														
AAR-54 to NexGen Grp B retrofit kits	33	3	0	0	0	0	0	0	136	172																																																																																																																																																																																														
AAR-54 to NexGen retrofit kit installs	1	0	1	30	3	0	0	0	145	180																																																																																																																																																																																														
GLTA Lite to Full Grp B procurements	49	0	0	0	0	0	0	0	0	49																																																																																																																																																																																														
GLTA Lite to Full installs (TCTO)	21	17	8	3	0	0	0	0	0	49																																																																																																																																																																																														

UNCLASSIFIED

<b>Exhibit P-3A, Individual Modification:</b> PB Amended 2014 Air Force		<b>Date:</b> May 2013
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 1: Strategic Aircraft	<b>P-1 Line Item Nomenclature:</b> LAIRCM - Large Aircraft Infrared Countermeasures	<b>Modification Nomenclature</b> <i>(Modification Number - Modification Title):</i> 2 - LARGE AIRCRAFT INFRARED COUNTERMEASURES C-17
<b>Models of Systems Affected:</b> C-17	<b>Type Modification:</b> Capability Improvement	<b>Related RDT&amp;E PEs:</b> 0401134F
<p>"INSTALLATION OF HARDWARE" and the "Installation Schedule" section are aligned with group A installs. "Aircraft Breakdown" represents group B equipment procured with Aircraft Modification funds.</p> <p>Milestone/Development Status</p> <p>Development Complete</p>		
<div></div>		

**UNCLASSIFIED**

Exhibit P-3A, Individual Modification: PB Amended 2014 Air Force									Date: May 2013			
Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 1: Strategic Aircraft				P-1 Line Item Nomenclature: LAIRCM - Large Aircraft Infrared Countermeasures					Modification Nomenclature (Modification Number - Modification Title): 2 - LARGE AIRCRAFT INFRARED COUNTERMEASURES C-17			
Models of Systems Affected: C-17			Type Modification: Capability Improvement					Related RDT&E PEs: 0401134F				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
LARGE AIRCRAFT INFRARED COUNTERMEASURES C-17												
A Kits												
Recurring												
INSTALL KITS Group A (Active)	0 / 0.000	- / -	2 / 1.790	1 / 0.912	- / -	1 / 0.912	1 / 0.912	1 / 0.912	1 / 1.100	1 / 1.200	2 / 2.400	9 / 9.226
INSTALL KITS Group A (Guard)	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 3.900	3 / 3.900
Subtotal Recurring	0 / 0.000	- / -	2 / 1.790	1 / 0.912	- / -	1 / 0.912	1 / 0.912	1 / 0.912	1 / 1.100	1 / 1.200	5 / 6.300	12 / 13.126
Non-Recurring												
KITS NONRECUR Group A (Active)	0 / 0.000	- / -	- / 0.275	- / 0.500	- / -	- / 0.500	- / 0.600	- / 0.600	- / 0.750	- / 0.750	- / -	- / 3.475
KITS NONRECUR Group A (Reserve)	0 / 0.000	- / -	- / 0.275	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.275
Subtotal Non-Recurring	0 / 0.000	- / -	- / 0.550	- / 0.500	- / -	- / 0.500	- / 0.600	- / 0.600	- / 0.750	- / 0.750	- / -	- / 3.750
B Kits												
Recurring												
EQUIPMENT Group B (Active)	0 / 0.000	- / -	1 / 3.600	1 / 3.900	- / -	1 / 3.900	1 / 4.700	1 / 4.850	1 / 5.000	1 / 5.200	2 / 10.400	8 / 37.650
EQUIPMENT Group B (Guard)	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 15.600	3 / 15.600
EQUIPMENT Group B (Reserve)	0 / 0.000	- / -	1 / 3.600	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 3.600
Subtotal Recurring	0 / 0.000	- / -	2 / 7.200	1 / 3.900	- / -	1 / 3.900	1 / 4.700	1 / 4.850	1 / 5.000	1 / 5.200	5 / 26.000	12 / 56.850
Non-Recurring												
EQUIP NONREC Group B (Active)	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
EQUIP NONREC Group B (Guard)	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Subtotal Non-Recurring	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Secondary Distribution												
AF	0 / 0.000	- / -	2 / 13.493	1 / 13.465	- / -	1 / 13.465	1 / 15.172	1 / 15.003	1 / 15.344	1 / 15.637	- / -	- / -
AFNG	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
AFR	0 / 0.000	- / -	- / 3.875	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total, LARGE AIRCRAFT INFRARED COUNTERMEASURES C-17	0 / 0.000	- / -	2 / 9.540	1 / 5.312	- / -	1 / 5.312	1 / 6.212	1 / 6.362	1 / 6.850	1 / 7.150	5 / 32.300	12 / 73.726
Total Procurement, All Modifications	0 / 0.000	- / -	2 / 9.540	1 / 5.312	- / -	1 / 5.312	1 / 6.212	1 / 6.362	1 / 6.850	1 / 7.150	5 / 32.300	12 / 73.726
Support												
CHANGE ORDERS	0 / 0.000	- / -	- / 2.558	- / 1.100	- / -	- / 1.100	- / 0.103	- / 0.552	- / 0.820	- / 1.200	- / -	- / 6.333

**UNCLASSIFIED**

<b>Exhibit P-3A, Individual Modification:</b> PB Amended 2014 Air Force								<b>Date:</b> May 2013				
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 1: Strategic Aircraft				<b>P-1 Line Item Nomenclature:</b> LAIRCM - Large Aircraft Infrared Countermeasures				<b>Modification Nomenclature</b> ( <i>Modification Number - Modification Title</i> ): 2 - LARGE AIRCRAFT INFRARED COUNTERMEASURES C-17				

<b>Models of Systems Affected:</b> C-17				<b>Type Modification:</b> Capability Improvement				<b>Related RDT&amp;E PEs:</b> 0401134F				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
SIM/TRAINER	0 / 0.000	- / -	- / 0.061	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.061
SUPPORT- EQUIP	0 / 0.000	- / -	- / -	- / 0.234	- / -	- / 0.234	- / 0.129	- / 0.130	- / 0.484	- / 0.501	- / -	- / 1.478
Mod of Spares	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
ICS-Labor	0 / 0.000	- / -	- / 3.740	- / 4.325	- / -	- / 4.325	- / 5.708	- / 4.372	- / 5.560	- / 4.066	- / -	- / 27.771
PMA - Contractor Services	0 / 0.000	- / -	- / 1.469	- / 1.494	- / -	- / 1.494	- / 1.520	- / 1.546	- / 1.630	- / 1.720	- / -	- / 9.379
Depot Stand-up	0 / 0.000	- / -	- / -	- / 1.000	- / -	- / 1.000	- / 1.500	- / 2.041	- / -	- / 1.000	- / -	- / 5.541
<i>Total Support, All Modifications</i>	<i>0.000</i>	<i>-</i>	<i>7.828</i>	<i>8.153</i>	<i>-</i>	<i>8.153</i>	<i>8.960</i>	<i>8.641</i>	<i>8.494</i>	<i>8.487</i>	<i>-</i>	<i>50.563</i>
<i>Total Procurement and Support</i>	<i>0.000</i>	<i>-</i>	<i>17.368</i>	<i>13.465</i>	<i>-</i>	<i>13.465</i>	<i>15.172</i>	<i>15.003</i>	<i>15.344</i>	<i>15.637</i>	<i>32.300</i>	<i>124.289</i>
LARGE AIRCRAFT INFRARED COUNTERMEASURES C-17 Installation Cost	0 / 0.000	- / -	- / -	- / 1.826	- / -	- / 1.826	3 / 0.913	1 / 0.913	1 / 0.913	1 / 0.913	6 / 5.478	12 / 10.956
<i>Total Installation Cost</i>	<i>0 / 0.000</i>	<i>- / -</i>	<i>- / -</i>	<i>- / 1.826</i>	<i>- / -</i>	<i>- / 1.826</i>	<i>3 / 0.913</i>	<i>1 / 0.913</i>	<i>1 / 0.913</i>	<i>1 / 0.913</i>	<i>6 / 5.478</i>	<i>12 / 10.956</i>
<b>Total Cost (Procurement + Support + Installation)</b>	<b>0.000</b>	<b>-</b>	<b>17.368</b>	<b>15.291</b>	<b>-</b>	<b>15.291</b>	<b>16.085</b>	<b>15.916</b>	<b>16.257</b>	<b>16.550</b>	<b>37.778</b>	<b>135.245</b>

**UNCLASSIFIED**

<b>Exhibit P-3A, Individual Modification:</b> PB Amended 2014 Air Force								<b>Date:</b> May 2013				
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 1: Strategic Aircraft				<b>P-1 Line Item Nomenclature:</b> LAIRCM - Large Aircraft Infrared Countermeasures				<b>Modification Nomenclature</b> ( <i>Modification Number - Modification Title</i> ): 2 - LARGE AIRCRAFT INFRARED COUNTERMEASURES C-17				
<b>Models of Systems Affected:</b> C-17			<b>Type Modification:</b> Capability Improvement				<b>Related RDT&amp;E PEs:</b> 0401134F					
<b>Manufacturer Information: LARGE AIRCRAFT INFRARED COUNTERMEASURES C-17</b>												
Manufacturer Name: Boeing						Manufacturer Location: San Antonio, TX						
Administrative Leadtime ( <i>in Months</i> ): 6						Production Leadtime ( <i>in Months</i> ): 14						
<b>Dates</b>	<b>FY 2012</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>					
Contract Dates		Mar 2013	Mar 2014	Mar 2015	Mar 2016	Mar 2017	Mar 2018					
Delivery Dates		May 2014	May 2015	May 2016	May 2017	May 2018	May 2019					
<b>Installation:</b> LARGE AIRCRAFT INFRARED COUNTERMEASURES C-17			<b>Method of Implementation:</b> Combination					<b>Installation Name:</b>				
<b>Installation Cost</b>	<b>Prior Years</b>	<b>FY 2012</b>	<b>FY 2013</b>	<b>FY 2014 Base</b>	<b>FY 2014 OCO</b>	<b>FY 2014 Total</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>To Complete</b>	<b>Total</b>
	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )
All Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2013	- / -	- / -	- / -	- / 1.826	- / -	- / 1.826	- / -	- / -	- / -	- / -	- / -	- / 1.826
Secondary Distribution - Air Force Active	- / -	- / -	- / -	- / 1.826	- / -	- / 1.826	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.913	- / -	- / -	- / -	- / -	1 / 0.913
Secondary Distribution - Air Force Active	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.913	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.913	- / -	- / -	- / -	1 / 0.913
Secondary Distribution - Air Force Active	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.913	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.913	- / -	- / -	1 / 0.913
Secondary Distribution - Air Force Active	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.913	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.913	- / -	1 / 0.913
Secondary Distribution - Air Force Active	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.913	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.913	1 / 0.913
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	5 / 4.565	5 / 4.565
Secondary Distribution - Air Force Active	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	- / -	- / -	- / -	- / 1.826	- / -	- / 1.826	1 / 0.913	1 / 0.913	1 / 0.913	1 / 0.913	6 / 5.478	10 / 10.956
Secondary Distribution - Air Force Active	- / -	- / -	- / -	- / 1.826	- / -	- / 1.826	1 / 0.913	1 / 0.913	1 / 0.913	1 / 0.913	- / -	- / -



**UNCLASSIFIED**

<b>Exhibit P-3A, Individual Modification:</b> PB Amended 2014 Air Force																							<b>Date:</b> May 2013									
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 1: Strategic Aircraft										<b>P-1 Line Item Nomenclature:</b> LAIRCM - Large Aircraft Infrared Countermeasures										<b>Modification Nomenclature</b> ( <i>Modification Number - Modification Title</i> ): 2 - LARGE AIRCRAFT INFRARED COUNTERMEASURES C-17												
<b>Models of Systems Affected:</b> C-17										<b>Type Modification:</b> Capability Improvement										<b>Related RDT&amp;E PEs:</b> 0401134F												
<b>Installation:</b> LARGE AIRCRAFT INFRARED COUNTERMEASURES C-17										<b>Method of Implementation:</b> Combination										<b>Installation Name:</b>												
<b>Installation Schedule</b>																																
		<b>FY 2012</b>				<b>FY 2013</b>				<b>FY 2014</b>				<b>FY 2015</b>				<b>FY 2016</b>				<b>FY 2017</b>				<b>FY 2018</b>						
	<b>APY</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>TC</b>	<b>Tot</b>	
In	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	-	-	1	-	-	-	1	-	-	-	-	1	-	6	12
Out	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	1	-	-	-	1	-	-	-	1	6	12	

# UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB Amended 2014 Air Force								Date: May 2013				
Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 1: Strategic Aircraft			P-1 Line Item Nomenclature: LAIRCM - Large Aircraft Infrared Countermeasures					Modification Nomenclature (Modification Number - Modification Title): 3 - LARGE AIRCRAFT INFRARED COUNTERMEASURES HC/MC-130 Recap				
Models of Systems Affected: MC-130J, HC-130J			Type Modification: Capability Improvement				Related RDT&E PEs: 0401134F					
Resource Summary	Prior Years	FY 2012	FY 2013 <sup>#</sup>	FY 2014 Base	FY 2014 OCO <sup>##</sup>	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	-	-	46.100	-	31.000	31.000	-	-	-	-	-	77.100
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	-	46.100	-	31.000	31.000	-	-	-	-	-	77.100
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	-	-	46.100	-	31.000	31.000	-	-	-	-	-	77.100
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Millions)	-	-	-	-	-	-	-	-	-	-	-	-

# FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

## This Budget Amendment, which includes Base and OCO funding for FY 2014, replaces the FY 2014 Base Budget Request only submission of April 2013

Description:

The Large Aircraft Infrared Countermeasures (LAIRCM) system provides a significantly improved defensive capability for the HC-130J and MC-130J to counter the proliferating infrared (IR) man-portable air defense systems (MANPADS) missile threats. This system is fully automatic following power-up and consists of group A aircraft modification kits and group B equipment. The LAIRCM system [AN/AAQ-24(V)] consists of 5 IR missile warning sensors (MWS), 2 Guardian Laser Transmitter Assemblies (GLTA) colorless, eye-safe multiband lasers, control indicator unit (CIU), and a system processor to detect, track, and counter incoming IR missiles. As Line Replaceable Units (LRU's) are updated, LAIRCM will be updated with the latest configuration of LRU's.

The "Change Orders" line in the funding table includes diminishing manufacturing source (DMS) costs for the identification, review, and monitoring of items with high DMS risk potential, classification of identified items according to criticality, expected replacement cost, identification of alternates for items having high DMS risks, and non-recurring engineering (NRE)/replacement costs for DMS components. Additionally, "change orders" include NRE/replacement costs for equipment updates designed to increase reliability, availability, maintainability of LAIRCM group B components as identified during the fiscal year.

This program includes all efforts needed to procure, field and support LAIRCM. These efforts include, but not limited to, hardware procurement, installation, installation support, initial spares, support equipment, Government Furnished Equipment (GFE,) and GFE repairs, Interim Contractor Support (ICS), depot standup, mod-line repairs, Systems Engineering and Program Management (SEPM), Failure Reporting and Corrective Analysis Support(FRACAS), Technical Orders, Other Government Costs (OGC's), and Program Management and Administration (PMA) costs.

LAIRCM kit quantities purchased are dependent on the unit cost and/or the installation cost of the kits.

NOTES:

# UNCLASSIFIED

<b>Exhibit P-3A, Individual Modification:</b> PB Amended 2014 Air Force		<b>Date:</b> May 2013
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 1: Strategic Aircraft	<b>P-1 Line Item Nomenclature:</b> LAIRCM - Large Aircraft Infrared Countermeasures	<b>Modification Nomenclature</b> ( <i>Modification Number - Modification Title</i> ): 3 - LARGE AIRCRAFT INFRARED COUNTERMEASURES HC/MC-130 Recap
<b>Models of Systems Affected:</b> MC-130J, HC-130J	<b>Type Modification:</b> Capability Improvement	<b>Related RDT&amp;E PEs:</b> 0401134F
<p>The HC/MC-130J LAIRCM production modification is funded via the HC/MC-130J P-1 line item through FY12 in modification number 8629. The HC/MC-130J LAIRCM production modification funding continues in FY13 until completion under the LAIRCM P-1 line item. The LAIRCM production modification number for HC/MC-130J starting with FY13 is 8629HCMC130. This change consolidated all Air Force LAIRCM production funding under a single P-1 line item and facilitates improved financial reporting and flexibility in meeting warfighter requirements.</p> <p>HC/MC-130 P-1 Line: FY12 OCO of \$34M procures 9 (plus 2 spares) group A &amp; B kits and installs for AFSOC MC-130Js.</p> <p>LAIRCM P-1 Line: FY13 OCO of \$46.1M procures 12 group A &amp; B kits and installs for ACC HC-130Js. FY14 OCO of \$31M procures 10 Group A &amp; B Kits, installs and spares/systems engineering.</p> <p>FY14 OCO funds justification: LAIRCM is an operationally-required modification to USAF aircraft operating in theater or in direct support of combat operations, for which funding can be obligated in 12 months, and that are not already programmed in the FYDP.</p> <p>This program has associated Research, Development, Test &amp; Evaluation (RDT&amp;E) funding in PE 0401134F and Aircraft Production funding in PE 0207224F, 0207230F, and 0207237F.</p> <p>"Aircraft Breakdown" reflects group A &amp; B kits supported within the current LAIRCM P-1 Line. (There is an additional 9 Group A &amp; B kits included in the aircraft break-down in the HC/MC-130 Mod P-1 Line.)</p> <p>Milestone/Development Status</p> <p>LAIRCM development on the C-130J was completed in FY11. USSOCOM funded production line incorporation of LAIRCM on the MC-130J was funded in FY12. LAIRCM Group B Kits will be installed via retrofit.</p>		

**UNCLASSIFIED**

Exhibit P-3A, Individual Modification: PB Amended 2014 Air Force									Date: May 2013				
Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 1: Strategic Aircraft				P-1 Line Item Nomenclature: LAIRCM - Large Aircraft Infrared Countermeasures					Modification Nomenclature (Modification Number - Modification Title): 3 - LARGE AIRCRAFT INFRARED COUNTERMEASURES HC/MC-130 Recap				
Models of Systems Affected: MC-130J, HC-130J			Type Modification: Capability Improvement					Related RDT&E PEs: 0401134F					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
LARGE AIRCRAFT INFRARED COUNTERMEASURES HC/MC-130 Recap													
A Kits													
Recurring													
INSTALL KITS Group A (Active)	0 / 0.000	- / -	12 / 5.496	- / -	10 / 2.000	10 / 2.000	- / -	- / -	- / -	- / -	- / -	22 / 7.496	
INSTALL KITS Group A (Reserve)	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
Subtotal Recurring	0 / 0.000	- / -	12 / 5.496	- / -	10 / 2.000	10 / 2.000	- / -	- / -	- / -	- / -	- / -	22 / 7.496	
B Kits													
Recurring													
EQUIPMENT Group B (Active)	0 / 0.000	- / -	12 / 31.728	- / -	10 / 17.500	10 / 17.500	- / -	- / -	- / -	- / -	- / -	22 / 49.228	
Subtotal Recurring	0 / 0.000	- / -	12 / 31.728	- / -	10 / 17.500	10 / 17.500	- / -	- / -	- / -	- / -	- / -	22 / 49.228	
Non-Recurring													
EQUIP NONREC Group B (Active)	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
Subtotal Non-Recurring	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
Secondary Distribution													
AF	0 / 0.000	- / -	12 / 42.860	- / -	10 / 29.000	10 / 29.000	- / -	- / -	- / -	- / -	- / -	- / -	
AFR	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
Total, LARGE AIRCRAFT INFRARED COUNTERMEASURES HC/MC-130 Recap	0 / 0.000	- / -	12 / 37.224	- / -	10 / 19.500	10 / 19.500	- / -	- / -	- / -	- / -	- / -	22 / 56.724	
Total Procurement, All Modifications	0 / 0.000	- / -	12 / 37.224	- / -	10 / 19.500	10 / 19.500	- / -	- / -	- / -	- / -	- / -	22 / 56.724	
Support													
CHANGE ORDERS	0 / 0.000	- / -	- / 1.650	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.650	
SUPPORT- EQUIP	0 / 0.000	- / -	- / -	- / -	- / 1.000	- / 1.000	- / -	- / -	- / -	- / -	- / -	- / 1.000	
Install Spares	0 / 0.000	- / -	- / -	- / -	- / 8.500	- / 8.500	- / -	- / -	- / -	- / -	- / -	- / 8.500	
ICS-Labor	0 / 0.000	- / -	- / 3.985	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 3.985	
PMA	0 / 0.000	- / -	- / 0.001	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.001	
Total Support, All Modifications	0.000	-	5.636	-	9.500	9.500	-	-	-	-	-	15.136	
Total Procurement and Support	0.000	-	42.860	-	29.000	29.000	-	-	-	-	-	71.860	

**UNCLASSIFIED**

Exhibit P-3A, Individual Modification: PB Amended 2014 Air Force									Date: May 2013			
Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 1: Strategic Aircraft				P-1 Line Item Nomenclature: LAIRCM - Large Aircraft Infrared Countermeasures					Modification Nomenclature (Modification Number - Modification Title): 3 - LARGE AIRCRAFT INFRARED COUNTERMEASURES HC/MC-130 Recap			
Models of Systems Affected: MC-130J, HC-130J				Type Modification: Capability Improvement				Related RDT&E PEs: 0401134F				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
LARGE AIRCRAFT INFRARED COUNTERMEASURES HC/MC-130 Recap Installation Cost	0 / 0.000	- / -	- / 3.240	- / -	- / 2.000	- / 2.000	- / -	- / -	- / -	- / -	- / -	- / 5.240
Total Installation Cost	0 / 0.000	- / -	- / 3.240	- / -	- / 2.000	- / 2.000	- / -	- / -	- / -	- / -	- / -	- / 5.240
Total Cost (Procurement + Support + Installation)	0.000	-	46.100	-	31.000	31.000	-	-	-	-	-	77.100

**UNCLASSIFIED**

<b>Exhibit P-3A, Individual Modification:</b> PB Amended 2014 Air Force										<b>Date:</b> May 2013																					
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 1: Strategic Aircraft										<b>P-1 Line Item Nomenclature:</b> LAIRCM - Large Aircraft Infrared Countermeasures										<b>Modification Nomenclature</b> ( <i>Modification Number - Modification Title</i> ): 3 - LARGE AIRCRAFT INFRARED COUNTERMEASURES HC/MC-130 Recap											
<b>Models of Systems Affected:</b> MC-130J, HC-130J					<b>Type Modification:</b> Capability Improvement										<b>Related RDT&amp;E PEs:</b> 0401134F																
<b>Manufacturer Information:</b> LARGE AIRCRAFT INFRARED COUNTERMEASURES HC/MC-130 Recap																															
Manufacturer Name: Northrop Grumman														Manufacturer Location: Rolling Meadows, IL																	
Administrative Leadtime ( <i>in Months</i> ): 6														Production Leadtime ( <i>in Months</i> ): 14																	
<b>Dates</b>		<b>FY 2012</b>				<b>FY 2013</b>				<b>FY 2014</b>				<b>FY 2015</b>				<b>FY 2016</b>				<b>FY 2017</b>				<b>FY 2018</b>					
Contract Dates						Mar 2013				Mar 2014																					
Delivery Dates						May 2014				May 2015																					
<b>Installation:</b> LARGE AIRCRAFT INFRARED COUNTERMEASURES HC/MC-130 Recap														<b>Method of Implementation:</b> Contractor Facility										<b>Installation Name:</b>							
<b>Installation Cost</b>		<b>Prior Years</b>		<b>FY 2012</b>		<b>FY 2013</b>		<b>FY 2014 Base</b>		<b>FY 2014 OCO</b>		<b>FY 2014 Total</b>		<b>FY 2015</b>		<b>FY 2016</b>		<b>FY 2017</b>		<b>FY 2018</b>		<b>To Complete</b>		<b>Total</b>							
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)							
All Prior Years		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2012		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2013		- / -		- / -		- / 3.240		- / -		- / 2.000		- / 2.000		- / -		- / -		- / -		- / -		- / -		- / -		- / 5.240					
Secondary Distribution - Air Force Active		- / -		- / -		- / 3.240		- / -		- / 2.000		- / 2.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2014		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2015		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2016		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2017		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2018		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
To Complete		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
Secondary Distribution - Air Force Active		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
Total		- / -		- / -		- / 3.240		- / -		- / 2.000		- / 2.000		- / -		- / -		- / -		- / -		- / -		- / -		- / 5.240					
Secondary Distribution - Air Force Active		- / -		- / -		- / 3.240		- / -		- / 2.000		- / 2.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
<b>Installation Schedule</b>																															
	<b>APY</b>	<b>FY 2012</b>				<b>FY 2013</b>				<b>FY 2014</b>				<b>FY 2015</b>				<b>FY 2016</b>				<b>FY 2017</b>				<b>FY 2018</b>				<b>TC</b>	<b>Tot</b>
		<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>		
In	0	-	-	-	-	-	-	-	-	-	1	2	2	3	2	2	2	3	3	2	-	-	-	-	-	-	-	-	-	-	22
Out	0	-	-	-	-	-	-	-	-	-	-	1	2	2	3	2	2	2	3	3	2	-	-	-	-	-	-	-	-	-	22

# UNCLASSIFIED

**Exhibit P-40, Budget Item Justification Sheet:** PB Amended 2014 Air Force **Date:** May 2013

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 5: Other Aircraft	<b>P-1 Line Item Nomenclature:</b> 00U200 - U-2 Mods
--	---

<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A	<b>Program Elements for Code B Items:</b>	<b>Other Related Program Elements:</b> 0305202F
---	---	---

**MDAP/MAIS Code(s):**

Resource Summary	Prior Years	FY 2012	FY 2013 <sup>#</sup>	FY 2014 Base	FY 2014 OCO <sup>##</sup>	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost <i>(\$ in Millions)</i>	-	-	91.277	45.591	11.300	56.891	61.120	20.233	43.900	52.835	-	326.256
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) <i>(\$ in Millions)</i>	-	-	91.277	45.591	11.300	56.891	61.120	20.233	43.900	52.835	-	326.256
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority <i>(\$ in Millions)</i></b>	-	-	<b>91.277</b>	<b>45.591</b>	<b>11.300</b>	<b>56.891</b>	<b>61.120</b>	<b>20.233</b>	<b>43.900</b>	<b>52.835</b>	-	<b>326.256</b>
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost <i>(Units in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost <i>(Units in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-

<sup>#</sup> FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

<sup>##</sup> This Budget Amendment, which includes Base and OCO funding for FY 2014, replaces the FY 2014 Base Budget Request only submission of April 2013

## Description:

FY13 funding totals include \$46.8M for Overseas Contingency Operations.

The CIA established the Senior Year Program in 1955. The program has evolved to include the airframes, engines, sensors, cameras, recorders, data links life support systems, test facilities and equipment. The U-2S model airframes were constructed in the late 1980s, with the last aircraft rolling off the assembly line in 1989. The U-2S provides global reconnaissance signals intelligence (SIGINT) and geospatial intelligence (GEOINT) 24 hours a day, seven days a week in support of national and DoD worldwide missions. The U-2 is currently deployed to forward operating locations (FOL) around the world. Modifications to the aircraft are required to ensure continued operations.

The FY2014 PB includes \$11.3M in OCO for the following: Advanced Synthetic Aperture Radar System (ASARS) Antenna which will replace 1980s radar front end with modern Active Electronically Steered Array (AESA), enable long term sustainment, retain current capabilities and provide hooks for future growth.

The current U-2 inventory includes 27 operational/mission capable aircraft, and five (5) trainer aircraft.

This program has associated Research, Development, Test and Evaluation funding in PE 0305202F.

**UNCLASSIFIED**

<b>Exhibit P-40, Budget Item Justification Sheet:</b> PB Amended 2014 Air Force										<b>Date:</b> May 2013									
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 5: Other Aircraft										<b>P-1 Line Item Nomenclature:</b> 00U200 - U-2 Mods									
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A					<b>Program Elements for Code B Items:</b>					<b>Other Related Program Elements:</b> 0305202F									
<b>MDAP/MAIS Code(s):</b>																			

Secondary Distribution		FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018
AF	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	-	91.277	45.591	11.300	56.891	61.120	20.233	43.900	52.835

Item Schedule			Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits	ID CD	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
4494 - U-2 Mod	P3A		-	-	-	-	-	-	-	-	91.277	-	-	45.591	-	-	11.300	-	-	56.891
<b>Total Gross/Weapon System Cost</b>					-			-			91.277			45.591			11.300			56.891

Item Schedule			FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total		
Item Nomenclature*	Exhibits	ID CD	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
4494 - U-2 Mod	P3A		-	-	61.120	-	-	20.233	-	-	43.900	-	-	52.835	-	-	-	-	-	326.256
<b>Total Gross/Weapon System Cost</b>					61.120			20.233			43.900			52.835			-			326.256

\*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.

Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.

**Justification:**  
Where applicable, justification for individual modifications is provided in the P-3A exhibits.



# UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB Amended 2014 Air Force								Date: May 2013				
Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 5: Other Aircraft			P-1 Line Item Nomenclature: 00U200 - U-2 Mods					Modification Nomenclature (Modification Number - Modification Title): 4494 - U-2 Mod				
Models of Systems Affected: No text provided.			Type Modification: 0					Related RDT&E PEs: 0305202F				
Resource Summary	Prior Years	FY 2012	FY 2013 <sup>#</sup>	FY 2014 Base	FY 2014 OCO <sup>##</sup>	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	-	-	91.277	45.591	11.300	56.891	61.120	20.233	43.900	52.835	-	326.256
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	-	91.277	45.591	11.300	56.891	61.120	20.233	43.900	52.835	-	326.256
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	-	-	91.277	45.591	11.300	56.891	61.120	20.233	43.900	52.835	-	326.256
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
# FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
## This Budget Amendment, which includes Base and OCO funding for FY 2014, replaces the FY 2014 Base Budget Request only submission of April 2013												
Description:												
FY13 funding totals include \$46.8M requested for Overseas Contingency Operations.												
The CIA established the Senior Year Program in 1955. The program has evolved to include the airframe, engines, sensors, cameras, recorders, data links, life support systems, test facilities and equipment. The U-2S model airframe was constructed in the late 1980s, with the last aircraft rolling off the assembly line in 1989. The U-2S provides global reconnaissance signals intelligence (SIGINT) and geospatial intelligence (GEOINT) 24 hours a day, seven days a week in support of national and DoD worldwide missions. The U-2 is currently deployed to forward operating locations (FOL) around the world. Modifications to the aircraft are required to ensure continued operations.												
The U-2 hosts a number of critical reconnaissance payloads, the program is currently conducting several Quick Response Capability efforts.												
SYERS												
- Modify optics and focal planes												
- Maximize spatial capabilities												
- Maximize VISFPA capabilities												
- Improve spectral calibration procedures and architecture												
- Automated Processing Exploitation and Dissemination (PED) improvements												
AN/ASQ-230												
- Purchase swap kits to convert RQ-4 SIGINT sensors for use on the U-2 aircraft												
-Pod only installation												
U-2 Power System Upgrade												

# UNCLASSIFIED

<b>Exhibit P-3A, Individual Modification:</b> PB Amended 2014 Air Force		<b>Date:</b> May 2013
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 5: Other Aircraft	<b>P-1 Line Item Nomenclature:</b> 00U200 - U-2 Mods	<b>Modification Nomenclature</b> ( <i>Modification Number - Modification Title</i> ): 4494 - U-2 Mod
<b>Models of Systems Affected:</b> No text provided.	<b>Type Modification:</b> 0	<b>Related RDT&amp;E PEs:</b> 0305202F
<p>-Update current Silver-Zinc (AgZn) battery technology</p> <p>-Upgrading the AMAD and A/C Generator ICW Li-ion Technology will reduce the deployment footprint and remove H70 Hydrazine from the U-2</p> <p>-Higher power generator will provide the capacity to support future avionics and payload upgrades</p> <p>U-2 Mission Planning Joint Mission Planning System (JMPS) Migration</p> <p>-Joint Mission Planning System (JMPS) is the USG-certified Navigational Track System replacing existing U-2 Mission Planning system (aka AFMSS)</p> <p>-Provide critical integration to support the Combat Air Forces</p> <p>U-2 EWS Low Band Processor Upgrade</p> <p>-Upgrade to the U-2's AN/ALQ-221 EWS</p> <p>-Upgrade of hardware/software will provide increased capability to detect and counter new and emerging threats</p> <p>Joint Enterprise Terminal Multi Domain Interface (JET MDI)</p> <p>-Allows 4th to 5th Generation Communication</p> <p>-Makes 5th Generation "SA" discoverable to the 1C</p> <p>The \$11.3M in FY14 OCO funding procures an Advanced Synthetic Aperture Radar System (ASARS) Antenna that replaces 1980s radar front end with modern Active Electronically Steered Array (AESA). The ASARS enables long term sustainment, retains current capabilities, and provides hooks for future growth.</p> <p>The current U-2 inventory includes 27 operational/mission capable aircraft, and five (5) trainer aircraft.</p> <p>Milestone/Development Status</p> <p>Various efforts will continue in FY14 to develop technologies and capabilities supporting U-2 operations, and will be fielded onto the U-2 platforms, on a schedule dependent on system requirements.</p> <p>Additional details are classified and available on a need-to-know basis.</p>		

**UNCLASSIFIED**

Exhibit P-3A, Individual Modification: PB Amended 2014 Air Force									Date: May 2013			
Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 5: Other Aircraft				P-1 Line Item Nomenclature: 00U200 - U-2 Mods					Modification Nomenclature (Modification Number - Modification Title): 4494 - U-2 Mod			
Models of Systems Affected: No text provided.			Type Modification: 0					Related RDT&E PEs: 0305202F				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
RDT&E PE #												
0305202F	0 / 0.000	- / -	- / 23.644	- / 18.700	- / -	- / 18.700	- / 11.300	- / 12.100	- / 8.600	- / 8.755	- / -	- / 83.099
Procurement												
U-2 Mod												
A Kits												
Recurring												
INSTALL KITS Group A (Active)	0 / 0.000	- / -	2 / 91.277	1 / 20.191	- / -	1 / 20.191	1 / 41.300	1 / 17.533	2 / 31.300	1 / 23.935	- / -	8 / 225.536
Subtotal Recurring	0 / 0.000	- / -	2 / 91.277	1 / 20.191	- / -	1 / 20.191	1 / 41.300	1 / 17.533	2 / 31.300	1 / 23.935	- / -	8 / 225.536
B Kits												
Recurring												
EQUIPMENT Group B (Active)	0 / 0.000	- / -	- / -	- / -	- / 11.300	- / 11.300	- / -	- / -	- / -	- / -	- / -	- / 11.300
Subtotal Recurring	0 / 0.000	- / -	- / -	- / -	- / 11.300	- / 11.300	- / -	- / -	- / -	- / -	- / -	- / 11.300
Secondary Distribution												
AF	0 / 0.000	- / -	2 / 91.277	1 / 20.191	- / 11.300	1 / 31.491	1 / 41.300	1 / 17.533	2 / 31.300	1 / 23.935	- / -	- / -
Total, U-2 Mod	0 / 0.000	- / -	2 / 91.277	1 / 20.191	- / 11.300	1 / 31.491	1 / 41.300	1 / 17.533	2 / 31.300	1 / 23.935	- / -	8 / 236.836
Total Procurement, All Modifications	0 / 0.000	- / -	2 / 91.277	1 / 20.191	- / 11.300	1 / 31.491	1 / 41.300	1 / 17.533	2 / 31.300	1 / 23.935	- / -	8 / 236.836
Support												
SUPPORT- EQUIP	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Support, All Modifications	0.000	-	-	-	-	-	-	-	-	-	-	-
Total Procurement and Support	0.000	-	91.277	20.191	11.300	31.491	41.300	17.533	31.300	23.935	-	236.836
U-2 Mod Installation Cost	0 / 0.000	- / -	- / -	2 / 25.400	- / -	2 / 25.400	1 / 19.820	1 / 2.700	1 / 12.600	2 / 28.900	1 / -	8 / 89.420
Total Installation Cost	0 / 0.000	- / -	- / -	2 / 25.400	- / -	2 / 25.400	1 / 19.820	1 / 2.700	1 / 12.600	2 / 28.900	1 / -	8 / 89.420
Total Cost (Procurement + Support + Installation)	0.000	-	91.277	45.591	11.300	56.891	61.120	20.233	43.900	52.835	-	326.256

**UNCLASSIFIED**

<b>Exhibit P-3A, Individual Modification:</b> PB Amended 2014 Air Force								<b>Date:</b> May 2013				
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 5: Other Aircraft				<b>P-1 Line Item Nomenclature:</b> 00U200 - U-2 Mods				<b>Modification Nomenclature</b> ( <i>Modification Number - Modification Title</i> ): 4494 - U-2 Mod				
<b>Models of Systems Affected:</b> No text provided.			<b>Type Modification:</b> 0					<b>Related RDT&amp;E PEs:</b> 0305202F				
<b>Manufacturer Information: U-2 Mod</b>												
Manufacturer Name: Details classified.						Manufacturer Location: Details classified.						
Administrative Leadtime ( <i>in Months</i> ): 6						Production Leadtime ( <i>in Months</i> ): 12						
<b>Dates</b>	<b>FY 2012</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>					
Contract Dates		Mar 2013	Mar 2014	Mar 2015	Mar 2016	Mar 2017	Mar 2018					
Delivery Dates		Mar 2014	Mar 2015	Mar 2016	Mar 2017	Mar 2018	Mar 2019					
<b>Installation:</b> U-2 Mod			<b>Method of Implementation:</b> Contractor Facility					<b>Installation Name:</b>				
	<b>Prior Years</b>	<b>FY 2012</b>	<b>FY 2013</b>	<b>FY 2014 Base</b>	<b>FY 2014 OCO</b>	<b>FY 2014 Total</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>To Complete</b>	<b>Total</b>
<b>Installation Cost</b>	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2013	- / -	- / -	- / -	2 / 25.400	- / -	2 / 25.400	- / -	- / -	- / -	- / -	- / -	2 / 25.400
Secondary Distribution - Air Force Active	- / -	- / -	- / -	2 / 25.400	- / -	2 / 25.400	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	1 / 19.820	- / -	- / -	- / -	- / -	1 / 19.820
Secondary Distribution - Air Force Active	- / -	- / -	- / -	- / -	- / -	- / -	1 / 19.820	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 2.700	- / -	- / -	- / -	1 / 2.700
Secondary Distribution - Air Force Active	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 2.700	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 12.600	- / -	- / -	1 / 12.600
Secondary Distribution - Air Force Active	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 12.600	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 28.900	- / -	2 / 28.900
Secondary Distribution - Air Force Active	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 28.900	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Secondary Distribution - Air Force Active	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Secondary Distribution - Air Force Active	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	- / -	- / -	- / -	2 / 25.400	- / -	2 / 25.400	1 / 19.820	1 / 2.700	1 / 12.600	2 / 28.900	- / -	7 / 89.420
Secondary Distribution - Air Force Active	- / -	- / -	- / -	2 / 25.400	- / -	2 / 25.400	1 / 19.820	1 / 2.700	1 / 12.600	2 / 28.900	- / -	- / -

# UNCLASSIFIED

<b>Exhibit P-3A, Individual Modification:</b> PB Amended 2014 Air Force																								<b>Date:</b> May 2013									
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 5: Other Aircraft												<b>P-1 Line Item Nomenclature:</b> 00U200 - U-2 Mods												<b>Modification Nomenclature</b> ( <i>Modification Number - Modification Title</i> ): 4494 - U-2 Mod									
<b>Models of Systems Affected:</b> No text provided.										<b>Type Modification:</b> 0										<b>Related RDT&amp;E PEs:</b> 0305202F													
<b>Installation:</b> U-2 Mod										<b>Method of Implementation:</b> Contractor Facility										<b>Installation Name:</b>													
<b>Installation Schedule</b>																																	
		<b>FY 2012</b>				<b>FY 2013</b>				<b>FY 2014</b>				<b>FY 2015</b>				<b>FY 2016</b>				<b>FY 2017</b>				<b>FY 2018</b>							
	<b>APY</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>TC</b>	<b>Tot</b>		
In	0	-	-	-	-	-	-	-	-	-	-	2	-	-	-	1	-	-	-	1	-	-	-	-	1	-	-	-	-	2	-	1	8
Out	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	1	-	-	-	-	1	-	-	-	-	1	-	3	8

UNCLASSIFIED

THIS PAGE INTENTIONALLY LEFT BLANK

UNCLASSIFIED

## UNCLASSIFIED

<b>Exhibit P-40, Budget Item Justification Sheet:</b> PB Amended 2014 Air Force						<b>Date:</b> May 2013					
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 5: Other Aircraft						<b>P-1 Line Item Nomenclature:</b> C13000 - C-130					
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A			<b>Program Elements for Code B Items:</b>				<b>Other Related Program Elements:</b> 0207217F, 0401115F, 0404011F, 0207442F, 0401134F, 0207224F, 0401897F, 0504343F, 0503115F				

MDAP/MAIS Code(s): 257,298

Resource Summary	Prior Years	FY 2012	FY 2013 <sup>#</sup>	FY 2014 Base	FY 2014 OCO <sup>##</sup>	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ <i>in Millions</i> )	1,555.323	220.215	79.253	58.577	1.618	60.195	36.228	35.463	62.070	96.120	782.317	2,927.184
Less PY Advance Procurement (\$ <i>in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ <i>in Millions</i> )	1,555.323	220.215	79.253	58.577	1.618	60.195	36.228	35.463	62.070	96.120	782.317	2,927.184
Plus CY Advance Procurement (\$ <i>in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (\$ <i>in Millions</i>)</b>	<b>1,555.323</b>	<b>220.215</b>	<b>79.253</b>	<b>58.577</b>	<b>1.618</b>	<b>60.195</b>	<b>36.228</b>	<b>35.463</b>	<b>62.070</b>	<b>96.120</b>	<b>782.317</b>	<b>2,927.184</b>
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (\$ <i>in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost ( <i>Units in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>Units in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-

<sup>#</sup> FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

<sup>##</sup> This Budget Amendment, which includes Base and OCO funding for FY 2014, replaces the FY 2014 Base Budget Request only submission of April 2013

**Description:**

FY12 funding totals include \$175.521M appropriated for Overseas Contingency Operations.

This line item funds modifications to the C-130 and Special Mission C-130 aircraft. The four engine C-130 provides theater airlift and carries either 92 troops, 64 paratroopers, 74 litter patients, or 6 standard 463-L pallets.

The primary modifications budgeted in FY14 are the Systems/Structure mod (Center Wing Replacement), the Identify Friend or Foe/Selective Identification Feature (IFF/SIF) Mode 5 upgrade, and the Minimize C-130 Communication, Navigation, Surveillance/Air Traffic Management (CNS/ATM) program.

Beginning in FY12, procurement funding for C-130 Avionics Modernization Program (AMP) was moved to a separate budget line (P-1 line #46). Prior year funds are shown here.

The specific modifications budgeted and programmed are listed below.

FY14 OCO Funds: This NEW START effort funds the modification of 21 HC-130s with the AAR-47(V)2. This upgrade provides improved sensors that eliminate sensor blackening (a known failure mode), increases temperature tolerance and sensitivity, and includes a laser detector and a hostile fire indicator to alert crews of small arms, RPG, and laser threats. The upgraded sensors and processors are "plug and play" with the existing AAR-47 system and will only require a unit-level field installation. Small arms, RPGs, and laser threats are the most common threats HC-130s are exposed to; HC-130 employs no warning system to alert crews of these threats. Unacceptable IR missile false alarm rate of current system has desensitized aircrews.

Funding for this exhibit contained in PEs 0401115F, 0504343F.

**UNCLASSIFIED**

<b>Exhibit P-40, Budget Item Justification Sheet:</b> PB Amended 2014 Air Force		<b>Date:</b> May 2013
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 5: Other Aircraft		<b>P-1 Line Item Nomenclature:</b> C13000 - C-130
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A	<b>Program Elements for Code B Items:</b>	<b>Other Related Program Elements:</b> 0207217F, 0401115F, 0404011F, 0207442F, 0401134F, 0207224F, 0401897F, 0504343F, 0503115F
<b>MDAP/MAIS Code(s):</b> 257,298		

Secondary Distribution		FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018
AF	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	185.498	59.005	31.383	0.322	31.705	25.264	23.195	35.145	49.782
AFNG	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	21.225	9.398	8.260	0.936	9.196	7.143	4.990	11.368	24.580
AFR	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	13.492	10.850	18.934	0.360	19.294	3.821	7.278	15.557	21.758

  

Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Mode S & 8.33 MHz Upgrades	P40A		-	-	46.741	-	-	-	-	-	-	-	-	1.335	-	-	-	-	-	1.335
LARGE AIRCRAFT INFRARED COUNTERMEASURES (LAIRCM)	P40A		-	-	789.163	-	-	154.841	-	-	-	-	-	-	-	-	-	-	-	-
HC-130P/N Personal Locator System	P40A		-	-	0.000	-	-	-	-	-	5.400	-	-	-	-	-	-	-	-	-
HC-130 Integrated Electronic Warfare (EW) Suite	P40A		-	-	0.000	-	-	-	-	-	6.000	-	-	-	-	-	-	-	-	-
AAR-47 Sensor Upgrade	P40A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	1.618	-	-	1.618
AC-130 OUTER WING REPLACEMENT	P40A		-	-	2.950	-	-	1.895	-	-	0.090	-	-	-	-	-	-	-	-	-
HC-130 8.33 RADIOS	P40A		-	-	16.764	-	-	3.419	-	-	1.878	-	-	-	-	-	-	-	-	-
C-130 CRASHWORTHY LOADMASTER SEAT	P40A		-	-	21.790	-	-	-	-	-	-	-	-	2.295	-	-	-	-	-	2.295
Armor Plate	P40A		-	-	8.271	-	-	10.880	-	-	-	-	-	-	-	-	-	-	-	-
ENGINE OIL COOLER	P40A		-	-	31.000	-	-	-	-	-	-	-	-	0.125	-	-	-	-	-	0.125
C-130 Aux Hyd Pump	P40A		-	-	17.000	-	-	-	-	-	-	-	-	1.981	-	-	-	-	-	1.981
ADS-B Out and Enhanced Modes S -- Minimize C-130 CNS/ATM Program	P40A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HC-130 Crashworthy Seats	P40A		-	-	0.000	-	-	6.000	-	-	-	-	-	-	-	-	-	-	-	-



**UNCLASSIFIED**

<b>Exhibit P-40, Budget Item Justification Sheet:</b> PB Amended 2014 Air Force															<b>Date:</b> May 2013				
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 5: Other Aircraft										<b>P-1 Line Item Nomenclature:</b> C13000 - C-130									
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A					<b>Program Elements for Code B Items:</b>					<b>Other Related Program Elements:</b> 0207217F, 0401115F, 0404011F, 0207442F, 0401134F, 0207224F, 0401897F, 0504343F, 0503115F									

**MDAP/MAIS Code(s):** 257,298

Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ M )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ M )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ M )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ M )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ M )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ M )	Qty (Each)	Total Cost (\$ M )
HC-130 T-1 Mods	P40A		-	-	0.000	-	-	2.500	-	-	-	-	-	-	-	-	-	-	-	-
LOW COST SAFETY MODIFICATIONS	P40A		-	-	2.832	-	-	-	-	-	0.001	-	-	0.001	-	-	-	-	-	0.001
HC-130 Low Cost Mods	P40A		-	-	0.000	-	-	1.900	-	-	-	-	-	-	-	-	-	-	-	-
MISC SIMULATOR UPDATES	P40A		-	-	0.703	-	-	-	-	-	0.001	-	-	0.001	-	-	-	-	-	0.001
SERVICE BULLETINS	P40A		-	-	0.416	-	-	-	-	-	0.001	-	-	0.001	-	-	-	-	-	0.001
LOW COST MODIFICATIONS	P40A		-	-	8.475	-	-	1.562	-	-	1.338	-	-	0.002	-	-	-	-	-	0.002
ELT UPGRADE	P40A		-	-	13.880	-	-	4.461	-	-	-	-	-	-	-	-	-	-	-	-
8578 - C-130 SYSTEMS/ STRUCTURE (PHASE II MODERNIZATION)	P3A		-	-	595.338	-	-	6.191	-	-	52.804	-	-	24.833	-	-	-	-	-	24.833
9139 - MOD V IFF	P3A		-	-	-	-	-	26.566	-	-	11.740	-	-	6.803	-	-	-	-	-	6.803
92301 - AFR C-130 Fuselage Trainer Modification	P3A		-	-	-	-	-	-	-	-	-	-	-	7.000	-	-	-	-	-	7.000
1 - 8.33 kHz Radios -- Minimize C-130 CNS/ATM Program	P3A		-	-	-	-	-	-	-	-	-	-	-	9.922	-	-	-	-	-	9.922
2 - CVR/DVR -- Minimize C-130 CNS/ATM Program	P3A		-	-	-	-	-	-	-	-	-	-	-	4.278	-	-	-	-	-	4.278
<b>Total Gross/Weapon System Cost</b>					<b>1,555.323</b>			<b>220.215</b>			<b>79.253</b>			<b>58.577</b>			<b>1.618</b>			<b>60.195</b>

Item Schedule		ID CD	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ M )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ M )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ M )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ M )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ M )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ M )	Qty (Each)	Total Cost (\$ M )
Mode S & 8.33 MHz Upgrades	P40A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	48.076
LARGE AIRCRAFT INFRARED COUNTERMEASURES (LAIRCM)	P40A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	944.004
HC-130P/N Personal Locator System	P40A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.400
HC-130 Integrated Electronic Warfare (EW) Suite	P40A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.000
AAR-47 Sensor Upgrade	P40A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.618

**UNCLASSIFIED**

<b>Exhibit P-40, Budget Item Justification Sheet:</b> PB Amended 2014 Air Force																<b>Date:</b> May 2013					
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 5: Other Aircraft												<b>P-1 Line Item Nomenclature:</b> C13000 - C-130									
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A						<b>Program Elements for Code B Items:</b>						<b>Other Related Program Elements:</b> 0207217F, 0401115F, 0404011F, 0207442F, 0401134F, 0207224F, 0401897F, 0504343F, 0503115F									
<b>MDAP/MAIS Code(s):</b> 257,298																					
Item Schedule		ID CD	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total			
Item Nomenclature*	Exhibits		Unit Cost (\$ M )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ M )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ M )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ M )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ M )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ M )	Qty (Each)	Total Cost (\$ M )	
AC-130 OUTER WING REPLACEMENT	P40A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.935	
HC-130 8.33 RADIOS	P40A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22.061	
C-130 CRASHWORTHY LOADMASTER SEAT	P40A		-	-	3.234	-	-	-	-	-	-	-	-	-	-	-	-	-	-	27.319	
Armor Plate	P40A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19.151	
ENGINE OIL COOLER	P40A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	31.125	
C-130 Aux Hyd Pump	P40A		-	-	1.029	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20.010	
ADS-B Out and Enhanced Modes S -- Minimize C-130 CNS/ATM Program	P40A		-	-	-	-	-	-	-	-	27.242	-	-	58.135	-	-	165.725	-	-	251.102	
HC-130 Crashworthy Seats	P40A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.000	
HC-130 T-1 Mods	P40A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.500	
LOW COST SAFETY MODIFICATIONS	P40A		-	-	0.001	-	-	1.104	-	-	1.656	-	-	1.611	-	-	-	-	-	7.206	
HC-130 Low Cost Mods	P40A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.900	
MISC SIMULATOR UPDATES	P40A		-	-	0.001	-	-	1.787	-	-	1.657	-	-	1.657	-	-	-	-	-	5.807	
SERVICE BULLETINS	P40A		-	-	0.001	-	-	1.900	-	-	1.600	-	-	1.600	-	-	-	-	-	5.519	
LOW COST MODIFICATIONS	P40A		-	-	1.961	-	-	1.999	-	-	1.999	-	-	1.999	-	-	-	-	-	19.335	
ELT UPGRADE	P40A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18.341	
8578 - C-130 SYSTEMS/ STRUCTURE (PHASE II MODERNIZATION)	P3A		-	-	13.773	-	-	14.019	-	-	14.216	-	-	14.472	-	-	616.592	-	-	1,352.238	
9139 - MOD V IFF	P3A		-	-	1.630	-	-	-	-	-	-	-	-	-	-	-	-	-	-	46.739	
92301 - AFR C-130 Fuselage Trainer Modification	P3A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.000	
1 - 8.33 kHz Radios -- Minimize C-130 CNS/ATM Program	P3A		-	-	7.447	-	-	7.747	-	-	5.272	-	-	2.550	-	-	-	-	-	32.938	
2 - CVR/DVR -- Minimize C-130 CNS/ATM Program	P3A		-	-	7.151	-	-	6.907	-	-	8.428	-	-	14.096	-	-	-	-	-	40.860	
<b>Total Gross/Weapon System Cost</b>					<b>36.228</b>			<b>35.463</b>			<b>62.070</b>			<b>96.120</b>			<b>782.317</b>			<b>2,927.184</b>	
*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.																					

# UNCLASSIFIED

<b>Exhibit P-40, Budget Item Justification Sheet:</b> PB Amended 2014 Air Force		<b>Date:</b> May 2013
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 5: Other Aircraft		<b>P-1 Line Item Nomenclature:</b> C13000 - C-130
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A	<b>Program Elements for Code B Items:</b>	<b>Other Related Program Elements:</b> 0207217F, 0401115F, 0404011F, 0207442F, 0401134F, 0207224F, 0401897F, 0504343F, 0503115F
<b>MDAP/MAIS Code(s):</b> 257,298		
Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.		
<b>Justification:</b> Where applicable, justification for individual modifications is provided in the P-3A exhibits.		

**UNCLASSIFIED**

<b>Exhibit P-3A, Individual Modification:</b> PB Amended 2014 Air Force								<b>Date:</b> May 2013				
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 5: Other Aircraft				<b>P-1 Line Item Nomenclature:</b> C13000 - C-130				<b>Modification Nomenclature</b> ( <i>Modification Number - Modification Title</i> ): 8578 - C-130 SYSTEMS/STRUCTURE (PHASE II MODERNIZATION)				
<b>Models of Systems Affected:</b> C-130H, MC-130H, HC-130P/N, EC-130H, AC-130U,				<b>Type Modification:</b> Service Life Extension				<b>Related RDT&amp;E PEs:</b> 0401115F				
<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2012</b>	<b>FY 2013<sup>#</sup></b>	<b>FY 2014 Base</b>	<b>FY 2014 OCO<sup>##</sup></b>	<b>FY 2014 Total</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>To Complete</b>	<b>Total</b>
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	595.338	6.191	52.804	24.833	-	24.833	13.773	14.019	14.216	14.472	616.592	1,352.238
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) ( <i>\$ in Millions</i> )	595.338	6.191	52.804	24.833	-	24.833	13.773	14.019	14.216	14.472	616.592	1,352.238
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (<i>\$ in Millions</i>)</b>	<b>595.338</b>	<b>6.191</b>	<b>52.804</b>	<b>24.833</b>	<b>-</b>	<b>24.833</b>	<b>13.773</b>	<b>14.019</b>	<b>14.216</b>	<b>14.472</b>	<b>616.592</b>	<b>1,352.238</b>
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>Units in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<p><sup>#</sup> FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012</p> <p><sup>##</sup> This Budget Amendment, which includes Base and OCO funding for FY 2014, replaces the FY 2014 Base Budget Request only submission of April 2013</p> <p><b>Description:</b>  Replaces the Center Wing Box (CWB) on MC-130H, HC-130N/P, C-130H, EC-130H, and AC-130U aircraft whose center wings' service life expires between 2005-2025. Kit costs vary by Mission Design Series (MDS) as reflected in the kit costs FY05-FY20. Installations are done at the Warner Robins Air Force Life Cycle Mangement Center (AFLCMC), except for the EC-130Hs which are done at L3Com's facility.</p> <p>FY14 funds provide for 3 production CWB kits, installs 4 kits, tech data and PMA costs.</p> <p>The schedule and costs for EC-130H aircraft from FY12-FY17 (end of program for EC-130Hs) follows:</p> <p>FY12: (1 ea, \$2,600)  FY13: (2 ea, \$5,200)  FY14: (1 ea, \$2,600)  FY15: (1 ea, \$2,600)  FY16: (1 ea, \$2,600)  FY17: (1 ea, \$2,600)</p> <p>Milestone/Development Status</p> <p>N/A</p>												

UNCLASSIFIED

<b>Exhibit P-3A, Individual Modification:</b> PB Amended 2014 Air Force		<b>Date:</b> May 2013
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 5: Other Aircraft	<b>P-1 Line Item Nomenclature:</b> C13000 - C-130	<b>Modification Nomenclature</b> ( <i>Modification Number - Modification Title</i> ): 8578 - C-130 SYSTEMS/STRUCTURE (PHASE II MODERNIZATION)
<b>Models of Systems Affected:</b> C-130H, MC-130H, HC-130P/N, EC-130H, AC-130U,	<b>Type Modification:</b> Service Life Extension	<b>Related RDT&amp;E PEs:</b> 0401115F

**UNCLASSIFIED**

Exhibit P-3A, Individual Modification: PB Amended 2014 Air Force									Date: May 2013			
Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 5: Other Aircraft				P-1 Line Item Nomenclature: C13000 - C-130					Modification Nomenclature (Modification Number - Modification Title): 8578 - C-130 SYSTEMS/STRUCTURE (PHASE II MODERNIZATION)			
Models of Systems Affected: C-130H, MC-130H, HC-130P/N, EC-130H, AC-130U,				Type Modification: Service Life Extension				Related RDT&E PEs: 0401115F				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
C-130 SYSTEMS/STRUCTURE (PHASE II MODERNIZATION)												
A Kits												
Recurring												
INSTALL KITS Group A (Active)	89 / 334.646	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	14 / 73.639	103 / 408.285
INSTALL KITS Group A (Guard)	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	41 / 219.226	41 / 219.226
INSTALL KITS Group A (Reserve)	1 / 3.489	- / -	- / -	3 / 14.198	- / -	3 / 14.198	- / -	1 / 4.878	1 / 4.964	2 / 10.110	14 / 74.882	22 / 112.521
Subtotal Recurring	90 / 338.135	- / -	- / -	3 / 14.198	- / -	3 / 14.198	- / -	1 / 4.878	1 / 4.964	2 / 10.110	69 / 367.747	166 / 740.032
Non-Recurring												
KITS NONRECUR Group A (Active)	7 / 66.413	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	7 / 66.413
KITS NONRECUR Group A (Guard)	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 28.750	1 / 28.750
KITS NONRECUR Group A (Reserve)	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Subtotal Non-Recurring	7 / 66.413	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 28.750	8 / 95.163
Secondary Distribution												
AF	96 / 412.759	- / 1.202	- / 34.156	- / 0.938	- / -	- / 0.938	- / 4.129	- / 4.028	- / 1.535	- / 4.362	- / -	- / -
AFNG	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
AFR	1 / 3.489	- / -	- / -	3 / 14.198	- / -	3 / 14.198	- / -	1 / 4.878	1 / 4.964	2 / 10.110	- / -	- / -
Total, C-130 SYSTEMS/STRUCTURE (PHASE II MODERNIZATION)	97 / 404.548	- / -	- / -	3 / 14.198	- / -	3 / 14.198	- / -	1 / 4.878	1 / 4.964	2 / 10.110	70 / 396.497	174 / 835.195
Total Procurement, All Modifications	97 / 404.548	- / -	- / -	3 / 14.198	- / -	3 / 14.198	- / -	1 / 4.878	1 / 4.964	2 / 10.110	70 / 396.497	174 / 835.195
Support												
CHANGE ORDERS	0 / 0.000	- / 0.256	- / 33.572	- / -	- / -	- / -	- / 3.384	- / 3.347	- / 0.636	- / 3.447	- / -	- / 44.642
DATA	0 / 0.879	- / 0.075	- / -	- / 0.250	- / -	- / 0.250	- / -	- / -	- / -	- / -	- / 0.125	- / 1.329
SUPPORT- EQUIP	0 / 3.069	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 3.069
OTHER GOVT	0 / 1.194	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.194
A&AS	0 / 2.255	- / 0.250	- / 0.052	- / 0.193	- / -	- / 0.193	- / 0.224	- / 0.155	- / 0.276	- / 0.281	- / 2.437	- / 6.123
PMA - Contractor Services	0 / 0.558	- / 0.604	- / 0.502	- / 0.465	- / -	- / 0.465	- / 0.491	- / 0.496	- / 0.593	- / 0.604	- / 5.236	- / 9.549
PMA - Other Gov't Costs	0 / 3.745	- / 0.017	- / 0.030	- / 0.030	- / -	- / 0.030	- / 0.030	- / 0.030	- / 0.030	- / 0.030	- / 0.268	- / 4.210
Total Support, All Modifications	11.700	1.202	34.156	0.938	-	0.938	4.129	4.028	1.535	4.362	8.066	70.116

**UNCLASSIFIED**

LI C13000 - C-130  
Air Force

**UNCLASSIFIED**

<b>Exhibit P-3A, Individual Modification:</b> PB Amended 2014 Air Force								<b>Date:</b> May 2013				
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 5: Other Aircraft				<b>P-1 Line Item Nomenclature:</b> C13000 - C-130				<b>Modification Nomenclature</b> ( <i>Modification Number - Modification Title</i> ): 8578 - C-130 SYSTEMS/STRUCTURE (PHASE II MODERNIZATION)				
<b>Models of Systems Affected:</b> C-130H, MC-130H, HC-130P/N, EC-130H, AC-130U,				<b>Type Modification:</b> Service Life Extension				<b>Related RDT&amp;E PEs:</b> 0401115F				
<b>Manufacturer Information: C-130 SYSTEMS/STRUCTURE (PHASE II MODERNIZATION)</b>												
Manufacturer Name: Unknown						Manufacturer Location: Unknown						
Administrative Leadtime ( <i>in Months</i> ): 2						Production Leadtime ( <i>in Months</i> ): 27						
<b>Dates</b>	<b>FY 2012</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>					
Contract Dates		Dec 2012	Dec 2013		Dec 2015	Dec 2016	Dec 2017					
Delivery Dates		Mar 2015	Mar 2016		Mar 2018	Mar 2019	Mar 2020					
<b>Installation:</b> C-130 SYSTEMS/STRUCTURE (PHASE II MODERNIZATION)				<b>Method of Implementation:</b> Combination				<b>Installation Name:</b>				
	<b>Prior Years</b>	<b>FY 2012</b>	<b>FY 2013</b>	<b>FY 2014 Base</b>	<b>FY 2014 OCO</b>	<b>FY 2014 Total</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>To Complete</b>	<b>Total</b>
<b>Installation Cost</b>	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )
All Prior Years	77 / 179.090	2 / 4.989	8 / 18.648	4 / 9.697	- / -	4 / 9.697	4 / 9.644	2 / 5.113	- / -	- / -	0 / 0.000	97 / 227.181
Secondary Distribution - Air Force Active	76 / 176.883	2 / 4.989	8 / 18.648	4 / 9.697	- / -	4 / 9.697	4 / 9.644	2 / 5.113	- / -	- / -	- / -	- / -
Secondary Distribution - Air Force Reserve	1 / 2.207	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 7.717	- / -	- / -	3 / 7.717
Secondary Distribution - Air Force Reserve	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 7.717	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 2.651	1 / 2.651
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 2.651	1 / 2.651
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 5.398	2 / 5.398
To Complete	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	70 / 201.329	70 / 201.329
Secondary Distribution - Air Force Active	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Secondary Distribution - Air Force Reserve	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	77 / 179.090	2 / 4.989	8 / 18.648	4 / 9.697	- / -	4 / 9.697	4 / 9.644	2 / 5.113	3 / 7.717	- / -	74 / 212.029	174 / 446.927
Secondary Distribution - Air Force Active	76 / 176.883	2 / 4.989	8 / 18.648	4 / 9.697	- / -	4 / 9.697	4 / 9.644	2 / 5.113	- / -	- / -	- / -	- / -
Secondary Distribution - Air Force Reserve	1 / 2.207	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 7.717	- / -	- / -	- / -



**UNCLASSIFIED**

<b>Exhibit P-3A, Individual Modification:</b> PB Amended 2014 Air Force																						<b>Date:</b> May 2013									
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 5: Other Aircraft										<b>P-1 Line Item Nomenclature:</b> C13000 - C-130										<b>Modification Nomenclature</b> ( <i>Modification Number - Modification Title</i> ): 8578 - C-130 SYSTEMS/STRUCTURE (PHASE II MODERNIZATION)											
<b>Models of Systems Affected:</b> C-130H, MC-130H, HC-130P/N, EC-130H, AC-130U,										<b>Type Modification:</b> Service Life Extension										<b>Related RDT&amp;E PEs:</b> 0401115F											
<b>Installation:</b> C-130 SYSTEMS/STRUCTURE (PHASE II MODERNIZATION)										<b>Method of Implementation:</b> Combination										<b>Installation Name:</b>											
<b>Installation Schedule</b>																															
		<b>FY 2012</b>				<b>FY 2013</b>				<b>FY 2014</b>				<b>FY 2015</b>				<b>FY 2016</b>				<b>FY 2017</b>				<b>FY 2018</b>					
	<b>APY</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>TC</b>	<b>Tot</b>
In	77	-	1	1	-	2	2	2	2	1	1	1	1	1	1	1	1	-	1	-	1	1	1	-	1	-	-	-	-	74	174
Out	66	6	5	-	1	1	-	2	2	3	3	1	1	-	-	1	1	1	1	-	1	-	1	1	1	-	1	-	-	74	174

## UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB Amended 2014 Air Force									Date: May 2013			
Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 5: Other Aircraft			P-1 Line Item Nomenclature: C13000 - C-130					Modification Nomenclature (Modification Number - Modification Title): 9139 - MOD V IFF				
Models of Systems Affected: C-130			Type Modification: Capability Improvement				Related RDT&E PEs: 0401115F					
Resource Summary	Prior Years	FY 2012	FY 2013 <sup>#</sup>	FY 2014 Base	FY 2014 OCO <sup>##</sup>	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	-	26.566	11.740	6.803	-	6.803	1.630	-	-	-	-	46.739
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	26.566	11.740	6.803	-	6.803	1.630	-	-	-	-	46.739
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	-	26.566	11.740	6.803	-	6.803	1.630	-	-	-	-	46.739
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
# FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
## This Budget Amendment, which includes Base and OCO funding for FY 2014, replaces the FY 2014 Base Budget Request only submission of April 2013												
Description:												
Mode V is an upgrade to the Identify Friend or Foe (IFF) secure aircraft identification system. Mode V will replace Mode IV because the technology used to keep Mode IV transmissions secure is outdated and could be compromised by personnel or organizations that don't have a need to know or the proper security clearances, and aren't designated as allies of the United States. This modification will require hardware, firmware, software and wiring development and/or replacement.												
FY14 funds procure 5 additional kits and funds 151 installs.												
Milestone/Development Status												
N/A												

**UNCLASSIFIED**

Exhibit P-3A, Individual Modification: PB Amended 2014 Air Force									Date: May 2013			
Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 5: Other Aircraft				P-1 Line Item Nomenclature: C13000 - C-130					Modification Nomenclature (Modification Number - Modification Title): 9139 - MOD V IFF			
Models of Systems Affected: C-130			Type Modification: Capability Improvement					Related RDT&E PEs: 0401115F				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
MOD V IFF												
A Kits												
Recurring												
INSTALL KITS Group A (Active)	0 / 0.000	129 / 0.129	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	129 / 0.129
INSTALL KITS Group A (Guard)	0 / 0.000	99 / 0.099	48 / 0.051	5 / 0.005	- / -	5 / 0.005	- / -	- / -	- / -	- / -	- / -	152 / 0.155
INSTALL KITS Group A (Reserve)	0 / 0.000	70 / 0.071	19 / 0.020	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	89 / 0.091
Subtotal Recurring	0 / 0.000	298 / 0.299	67 / 0.071	5 / 0.005	- / -	5 / 0.005	- / -	- / -	- / -	- / -	- / -	370 / 0.375
Non-Recurring												
KITS NONRECUR Group A (Active)	0 / 0.000	2 / 0.235	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 0.235
KITS NONRECUR Group A (Guard)	0 / 0.000	2 / 0.235	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 0.235
KITS NONRECUR Group A (Reserve)	0 / 0.000	1 / 0.118	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.118
Subtotal Non-Recurring	0 / 0.000	5 / 0.588	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	5 / 0.588
B Kits												
Recurring												
EQUIPMENT Group B (Active)	0 / 0.000	129 / 5.500	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	129 / 5.500
EQUIPMENT Group B (Guard)	0 / 0.000	99 / 10.724	48 / 7.627	5 / 1.250	- / -	5 / 1.250	- / -	- / -	- / -	- / -	- / -	152 / 19.601
EQUIPMENT Group B (Reserve)	0 / 0.000	70 / 7.583	19 / 3.251	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	89 / 10.834
Subtotal Recurring	0 / 0.000	298 / 23.807	67 / 10.878	5 / 1.250	- / -	5 / 1.250	- / -	- / -	- / -	- / -	- / -	370 / 35.935
Non-Recurring												
EQUIP NONREC Group B (Active)	0 / 0.000	2 / 0.145	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 0.145
EQUIP NONREC Group B (Guard)	0 / 0.000	2 / 0.216	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 0.216
EQUIP NONREC Group B (Reserve)	0 / 0.000	1 / 0.108	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.108
Subtotal Non-Recurring	0 / 0.000	5 / 0.469	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	5 / 0.469
Secondary Distribution												
AF	0 / 0.000	131 / 7.412	- / 0.791	- / 2.739	- / -	- / 2.739	- / 0.569	- / -	- / -	- / -	- / -	- / -
AFNG	0 / 0.000	101 / 11.274	48 / 7.678	5 / 1.255	- / -	5 / 1.255	- / -	- / -	- / -	- / -	- / -	- / -
AFR	0 / 0.000	71 / 7.880	19 / 3.271	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total, MOD V IFF	0 / 0.000	303 / 25.163	67 / 10.949	5 / 1.255	- / -	5 / 1.255	- / -	- / -	- / -	- / -	- / -	375 / 37.367
Total Procurement, All Modifications	0 / 0.000	303 / 25.163	67 / 10.949	5 / 1.255	- / -	5 / 1.255	- / -	- / -	- / -	- / -	- / -	375 / 37.367
Support												
DATA	0 / 0.000	- / 1.105	- / 0.447	- / 0.114	- / -	- / 0.114	- / 0.319	- / -	- / -	- / -	- / -	- / 1.985

**UNCLASSIFIED**

Exhibit P-3A, Individual Modification: PB Amended 2014 Air Force								Date: May 2013				
Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 5: Other Aircraft				P-1 Line Item Nomenclature: C13000 - C-130				Modification Nomenclature (Modification Number - Modification Title): 9139 - MOD V IFF				
Models of Systems Affected: C-130				Type Modification: Capability Improvement				Related RDT&E PEs: 0401115F				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
SIM/TRAINER	0 / 0.000	- / -	- / -	- / 2.500	- / -	- / 2.500	- / -	- / -	- / -	- / -	- / -	- / 2.500
PMA - Contractor Services	0 / 0.000	- / 0.268	- / 0.314	- / 0.095	- / -	- / 0.095	- / 0.220	- / -	- / -	- / -	- / -	- / 0.897
PMA - Other Gov't Costs	0 / 0.000	- / 0.030	- / 0.030	- / 0.030	- / -	- / 0.030	- / 0.030	- / -	- / -	- / -	- / -	- / 0.120
Total Support, All Modifications	0.000	1.403	0.791	2.739	-	2.739	0.569	-	-	-	-	5.502
Total Procurement and Support	0.000	26.566	11.740	3.994	-	3.994	0.569	-	-	-	-	42.869
MOD V IFF Installation Cost	0 / 0.000	- / -	- / -	156 / 2.809	- / -	156 / 2.809	148 / 1.061	71 / -	- / -	- / -	- / -	375 / 3.870
Total Installation Cost	0 / 0.000	- / -	- / -	156 / 2.809	- / -	156 / 2.809	148 / 1.061	71 / -	- / -	- / -	- / -	375 / 3.870
Total Cost (Procurement + Support + Installation)	0.000	26.566	11.740	6.803	-	6.803	1.630	-	-	-	-	46.739

**UNCLASSIFIED**

<b>Exhibit P-3A, Individual Modification:</b> PB Amended 2014 Air Force										<b>Date:</b> May 2013			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 5: Other Aircraft					<b>P-1 Line Item Nomenclature:</b> C13000 - C-130					<b>Modification Nomenclature</b> ( <i>Modification Number - Modification Title</i> ): 9139 - MOD V IFF			
<b>Models of Systems Affected:</b> C-130				<b>Type Modification:</b> Capability Improvement				<b>Related RDT&amp;E PEs:</b> 0401115F					
<b>Manufacturer Information:</b> MOD V IFF													
Manufacturer Name: Unknown							Manufacturer Location: Unknown						
Administrative Leadtime ( <i>in Months</i> ): 2							Production Leadtime ( <i>in Months</i> ): 12						
<b>Dates</b>	<b>FY 2012</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>						
Contract Dates	Mar 2013	Mar 2014	Mar 2015										
Delivery Dates	Mar 2014	Mar 2015	Mar 2016										
<b>Installation:</b> MOD V IFF				<b>Method of Implementation:</b> Contract Field Team					<b>Installation Name:</b>				
	<b>Prior Years</b>	<b>FY 2012</b>	<b>FY 2013</b>	<b>FY 2014 Base</b>	<b>FY 2014 OCO</b>	<b>FY 2014 Total</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>To Complete</b>	<b>Total</b>	
<b>Installation Cost</b>	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2012	- / -	- / -	- / -	155 / 2.799	- / -	155 / 2.799	64 / 0.308	- / -	- / -	- / -	- / -	- / -	219 / 3.107
Secondary Distribution - Air Force Active	- / -	- / -	- / -	67 / 1.040	- / -	67 / 1.040	64 / 0.308	- / -	- / -	- / -	- / -	- / -	- / -
Secondary Distribution - Air National Guard	- / -	- / -	- / -	52 / 1.030	- / -	52 / 1.030	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Secondary Distribution - Air Force Reserve	- / -	- / -	- / -	36 / 0.729	- / -	36 / 0.729	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2013	- / -	- / -	- / -	1 / 0.010	- / -	1 / 0.010	- / 0.700	- / -	- / -	- / -	- / -	- / -	1 / 0.710
Secondary Distribution - Air National Guard	- / -	- / -	- / -	1 / 0.010	- / -	1 / 0.010	- / 0.498	- / -	- / -	- / -	- / -	- / -	- / -
Secondary Distribution - Air Force Reserve	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.202	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.053	- / -	- / -	- / -	- / -	- / -	- / 0.053
Secondary Distribution - Air National Guard	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.053	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Secondary Distribution - Air Force Active	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Secondary Distribution - Air National Guard	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Secondary Distribution - Air Force Reserve	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	- / -	- / -	- / -	156 / 2.809	- / -	156 / 2.809	64 / 1.061	- / -	- / -	- / -	- / -	- / -	220 / 3.870
Secondary Distribution - Air Force Active	- / -	- / -	- / -	67 / 1.040	- / -	67 / 1.040	64 / 0.308	- / -	- / -	- / -	- / -	- / -	- / -
Secondary Distribution - Air National Guard	- / -	- / -	- / -	53 / 1.040	- / -	53 / 1.040	- / 0.551	- / -	- / -	- / -	- / -	- / -	- / -
Secondary Distribution - Air Force Reserve	- / -	- / -	- / -	36 / 0.729	- / -	36 / 0.729	- / 0.202	- / -	- / -	- / -	- / -	- / -	- / -

**UNCLASSIFIED**

Exhibit P-3A, Individual Modification: PB Amended 2014 Air Force										Date: May 2013									
Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 5: Other Aircraft					P-1 Line Item Nomenclature: C13000 - C-130					Modification Nomenclature (Modification Number - Modification Title): 9139 - MOD V IFF									
Models of Systems Affected: C-130					Type Modification: Capability Improvement					Related RDT&E PEs: 0401115F									

<b>Installation:</b> MOD V IFF										<b>Method of Implementation:</b> Contract Field Team										<b>Installation Name:</b>					
--------------------------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	---------------------------	--	--	--	--	--

Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	0	-	-	-	-	-	-	-	-	39	39	39	39	37	37	37	37	17	18	18	18	-	-	-	-	-	-	-	-	-	375
Out	0	-	-	-	-	-	-	-	-	39	39	39	39	37	37	37	37	17	18	18	18	-	-	-	-	-	-	-	-	-	375

## UNCLASSIFIED

<b>Exhibit P-3A, Individual Modification:</b> PB Amended 2014 Air Force										<b>Date:</b> May 2013		
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 5: Other Aircraft				<b>P-1 Line Item Nomenclature:</b> C13000 - C-130						<b>Modification Nomenclature</b> ( <i>Modification Number - Modification Title</i> ): 92301 - AFR C-130 Fuselage Trainer Modification		
<b>Models of Systems Affected:</b> C-130				<b>Type Modification:</b> Capability Improvement				<b>Related RDT&amp;E PEs:</b> 0504343F				
<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2012</b>	<b>FY 2013<sup>#</sup></b>	<b>FY 2014 Base</b>	<b>FY 2014 OCO<sup>##</sup></b>	<b>FY 2014 Total</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>To Complete</b>	<b>Total</b>
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ <i>in Millions</i> )	-	-	-	7.000	-	7.000	-	-	-	-	-	7.000
Less PY Advance Procurement (\$ <i>in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ <i>in Millions</i> )	-	-	-	7.000	-	7.000	-	-	-	-	-	7.000
Plus CY Advance Procurement (\$ <i>in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> (\$ <i>in Millions</i> )	-	-	-	<b>7.000</b>	-	<b>7.000</b>	-	-	-	-	-	<b>7.000</b>
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (\$ <i>in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>Units in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<p><sup>#</sup> FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012</p> <p><sup>##</sup> This Budget Amendment, which includes Base and OCO funding for FY 2014, replaces the FY 2014 Base Budget Request only submission of April 2013</p> <p><b>Description:</b> Air Force Reserve Command (AFRC) Aeromedical Flight Training Unit at Dobbins Air Reserve Base (ARB) currently has two C-130 fuselage trainers which require operational upgrades (motion) to allow enhanced and realistic training for mobility air forces aeromedical aircrews. The FY14 funds provide for the mounting, and electrical/environmental/hydraulic, etc., enhancements to the fuselages to provide realistic emergency and operational simulation for effective upgrade, and recurring Air Evacuation (AE) training.</p> <p>AFRC currently provides 60 percent of all Air Force AE capability, and this trainer upgrade reduces the cost of conducting recurring training by reducing the requirement for training flights in the aircraft.</p> <p>This is a FY14 New Start.</p> <p>Milestone/Development Status</p> <p>N/A</p>												

**UNCLASSIFIED**

Exhibit P-3A, Individual Modification: PB Amended 2014 Air Force								Date: May 2013				
Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 5: Other Aircraft				P-1 Line Item Nomenclature: C13000 - C-130				Modification Nomenclature (Modification Number - Modification Title): 92301 - AFR C-130 Fuselage Trainer Modification				
Models of Systems Affected: C-130			Type Modification: Capability Improvement					Related RDT&E PEs: 0504343F				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
AFR C-130 Fuselage Trainer Modification												
B Kits												
Recurring												
EQUIPMENT Group B (Active)	0 / 0.000	- / -	- / -	2 / 6.778	- / -	2 / 6.778	- / -	- / -	- / -	- / -	- / -	2 / 6.778
Subtotal Recurring	0 / 0.000	- / -	- / -	2 / 6.778	- / -	2 / 6.778	- / -	- / -	- / -	- / -	- / -	2 / 6.778
Secondary Distribution												
AF	0 / 0.000	- / -	- / -	2 / 6.778	- / -	2 / 6.778	- / -	- / -	- / -	- / -	- / -	- / -
Total, AFR C-130 Fuselage Trainer Modification	0 / 0.000	- / -	- / -	2 / 6.778	- / -	2 / 6.778	- / -	- / -	- / -	- / -	- / -	2 / 6.778
Total Procurement, All Modifications	0 / 0.000	- / -	- / -	2 / 6.778	- / -	2 / 6.778	- / -	- / -	- / -	- / -	- / -	2 / 6.778
Support												
SIM/TRAINER	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Support, All Modifications	0.000	-	-	-	-	-	-	-	-	-	-	-
Total Procurement and Support	0.000	-	-	6.778	-	6.778	-	-	-	-	-	6.778
AFR C-130 Fuselage Trainer Modification Installation Cost	0 / 0.000	- / -	- / -	- / 0.222	- / -	- / 0.222	2 / -	- / -	- / -	- / -	- / -	2 / 0.222
Total Installation Cost	0 / 0.000	- / -	- / -	- / 0.222	- / -	- / 0.222	2 / -	- / -	- / -	- / -	- / -	2 / 0.222
Total Cost (Procurement + Support + Installation)	0.000	-	-	7.000	-	7.000	-	-	-	-	-	7.000



**UNCLASSIFIED**

<b>Exhibit P-3A, Individual Modification:</b> PB Amended 2014 Air Force										<b>Date:</b> May 2013																					
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 5: Other Aircraft										<b>P-1 Line Item Nomenclature:</b> C13000 - C-130										<b>Modification Nomenclature</b> ( <i>Modification Number - Modification Title</i> ): 92301 - AFR C-130 Fuselage Trainer Modification											
<b>Models of Systems Affected:</b> C-130					<b>Type Modification:</b> Capability Improvement										<b>Related RDT&amp;E PEs:</b> 0504343F																
<b>Manufacturer Information: AFR C-130 Fuselage Trainer Modification</b>																															
Manufacturer Name: N/A														Manufacturer Location: N/A																	
Administrative Leadtime ( <i>in Months</i> ): 6														Production Leadtime ( <i>in Months</i> ): 12																	
<b>Dates</b>		<b>FY 2012</b>				<b>FY 2013</b>				<b>FY 2014</b>				<b>FY 2015</b>				<b>FY 2016</b>				<b>FY 2017</b>				<b>FY 2018</b>					
Contract Dates										Apr 2014																					
Delivery Dates										Apr 2015																					
<b>Installation:</b> AFR C-130 Fuselage Trainer Modification														<b>Method of Implementation:</b> Contract Field Team										<b>Installation Name:</b>							
<b>Installation Cost</b>		<b>Prior Years</b>		<b>FY 2012</b>		<b>FY 2013</b>		<b>FY 2014 Base</b>		<b>FY 2014 OCO</b>		<b>FY 2014 Total</b>		<b>FY 2015</b>		<b>FY 2016</b>		<b>FY 2017</b>		<b>FY 2018</b>		<b>To Complete</b>		<b>Total</b>							
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)							
All Prior Years		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2012		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2013		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2014		- / -		- / -		- / -		- / 0.222		- / -		- / 0.222		- / -		- / -		- / -		- / -		- / -		- / -		- / 0.222					
Secondary Distribution - Air Force Active		- / -		- / -		- / -		- / 0.222		- / -		- / 0.222		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2015		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2016		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2017		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2018		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
To Complete		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
Secondary Distribution - Air Force Active		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
Total		- / -		- / -		- / -		- / 0.222		- / -		- / 0.222		- / -		- / -		- / -		- / -		- / -		- / -		- / 0.222					
Secondary Distribution - Air Force Active		- / -		- / -		- / -		- / 0.222		- / -		- / 0.222		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
<b>Installation Schedule</b>																															
	<b>APY</b>	<b>FY 2012</b>				<b>FY 2013</b>				<b>FY 2014</b>				<b>FY 2015</b>				<b>FY 2016</b>				<b>FY 2017</b>				<b>FY 2018</b>				<b>TC</b>	<b>Tot</b>
		<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>						
In	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-		
Out	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-		

**UNCLASSIFIED**

Exhibit P-3A, Individual Modification: PB Amended 2014 Air Force									Date: May 2013			
Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 5: Other Aircraft			P-1 Line Item Nomenclature: C13000 - C-130						Modification Nomenclature (Modification Number - Modification Title): 1 - 8.33 kHz Radios -- Minimize C-130 CNS/ATM Program			
Models of Systems Affected: C-130H 1/2/3			Type Modification: Capability Improvement					Related RDT&E PEs: 0401115F				
Resource Summary	Prior Years	FY 2012	FY 2013 <sup>#</sup>	FY 2014 Base	FY 2014 OCO <sup>##</sup>	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	-	-	-	9.922	-	9.922	7.447	7.747	5.272	2.550	-	32.938
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	-	-	9.922	-	9.922	7.447	7.747	5.272	2.550	-	32.938
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	-	-	-	9.922	-	9.922	7.447	7.747	5.272	2.550	-	32.938
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
<sup>#</sup> FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
<sup>##</sup> This Budget Amendment, which includes Base and OCO funding for FY 2014, replaces the FY 2014 Base Budget Request only submission of April 2013												
Description:												
With termination of the C-130 Avionics Modernization Program (AMP), the Minimize C-130 Communication, Navigation, Surveillance/Air Traffic Management (CNS/ATM) option provides minimal airspace compliance focused program to modify 184 C-130H aircraft with ADS-B Out equipment, 8.33 kHz radios, updated cockpit voice and digital flight data recorders, and Enhanced Mode S.												
The 184 aircraft Minimize C-130 CNS/ATM program is comprised of H3s, H2.5s, H2s and H1s; and includes 28 Active Duty, 108 Guard, and 48 Reserve aircraft. The modification effort will be completed in three phases: Phase A updates 8.33 kHz radios on 156 aircraft (28 modifications previously accomplished); Phase B modifies cockpit voice and digital data recorders (CVR/DVR) for 184 aircraft; Phase C relates to ADS-B Out and Enhanced Mode S modifications. Phase C will have 4 prototype aircraft required for accomplishment of the ADS-B Out Engineering and Manufacturing Development (EMD) phase, with the remaining 180 being production aircraft. The prototype aircraft represent each type of C-130H configuration listed above.												
Current schedule is for the EMD contract to be awarded, following a competitive source selection, in the 3rd quarter of fiscal year 2014. Fiscal year 2013 actions included initiating program requirements and pre-contract efforts in preparation for the EMD source selection phase of the program.												
Milestone/Development Status												
New start in FY14.												

**UNCLASSIFIED**

Exhibit P-3A, Individual Modification: PB Amended 2014 Air Force									Date: May 2013			
Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 5: Other Aircraft				P-1 Line Item Nomenclature: C13000 - C-130					Modification Nomenclature (Modification Number - Modification Title): 1 - 8.33 kHz Radios -- Minimize C-130 CNS/ATM Program			
Models of Systems Affected: C-130H 1/2/3			Type Modification: Capability Improvement					Related RDT&E PEs: 0401115F				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
8.33 kHz Radios -- Minimize C-130 CNS/ATM Program												
A Kits												
Recurring												
INSTALL KITS Group A (Guard)	0 / 0.000	- / -	- / -	24 / 0.120	- / -	24 / 0.120	23 / 0.115	28 / 0.140	17 / 0.085	16 / 0.080	- / -	108 / 0.540
INSTALL KITS Group A (Reserve)	0 / 0.000	- / -	- / -	11 / 0.055	- / -	11 / 0.055	17 / 0.085	12 / 0.060	8 / 0.040	- / -	- / -	48 / 0.240
Subtotal Recurring	0 / 0.000	- / -	- / -	35 / 0.175	- / -	35 / 0.175	40 / 0.200	40 / 0.200	25 / 0.125	16 / 0.080	- / -	156 / 0.780
Non-Recurring												
KITS NONRECUR Group A (Guard)	0 / 0.000	- / -	- / -	- / 1.000	- / -	- / 1.000	- / -	- / -	- / -	- / -	- / -	- / 1.000
KITS NONRECUR Group A (Reserve)	0 / 0.000	- / -	- / -	- / 1.000	- / -	- / 1.000	- / -	- / -	- / -	- / -	- / -	- / 1.000
Subtotal Non-Recurring	0 / 0.000	- / -	- / -	- / 2.000	- / -	- / 2.000	- / -	- / -	- / -	- / -	- / -	- / 2.000
B Kits												
Recurring												
EQUIPMENT Group B (Guard)	0 / 0.000	- / -	- / -	24 / 2.880	- / -	24 / 2.880	23 / 2.760	28 / 3.360	17 / 2.040	16 / 1.920	- / -	108 / 12.960
EQUIPMENT Group B (Reserve)	0 / 0.000	- / -	- / -	11 / 1.320	- / -	11 / 1.320	17 / 2.040	12 / 1.440	8 / 0.960	- / -	- / -	48 / 5.760
Subtotal Recurring	0 / 0.000	- / -	- / -	35 / 4.200	- / -	35 / 4.200	40 / 4.800	40 / 4.800	25 / 3.000	16 / 1.920	- / -	156 / 18.720
Secondary Distribution												
AF	0 / 0.000	- / -	- / -	- / 3.547	- / -	- / 3.547	- / 2.447	- / 2.747	- / 2.147	- / 0.550	- / -	- / -
AFNG	0 / 0.000	- / -	- / -	24 / 4.000	- / -	24 / 4.000	23 / 2.875	28 / 3.500	17 / 2.125	16 / 2.000	- / -	- / -
AFR	0 / 0.000	- / -	- / -	11 / 2.375	- / -	11 / 2.375	17 / 2.125	12 / 1.500	8 / 1.000	- / -	- / -	- / -
Total, 8.33 kHz Radios -- Minimize C-130 CNS/ATM Program	0 / 0.000	- / -	- / -	35 / 6.375	- / -	35 / 6.375	40 / 5.000	40 / 5.000	25 / 3.125	16 / 2.000	- / -	156 / 21.500
Total Procurement, All Modifications	0 / 0.000	- / -	- / -	35 / 6.375	- / -	35 / 6.375	40 / 5.000	40 / 5.000	25 / 3.125	16 / 2.000	- / -	156 / 21.500
Support												
DATA	0 / 0.000	- / -	- / -	- / 2.000	- / -	- / 2.000	- / -	- / -	- / -	- / -	- / -	- / 2.000
SUPPORT- EQUIP	0 / 0.000	- / -	- / -	- / 0.675	- / -	- / 0.675	- / 1.575	- / 1.875	- / 1.275	- / -	- / -	- / 5.400
ICS-Labor	0 / 0.000	- / -	- / -	- / 0.300	- / -	- / 0.300	- / 0.300	- / 0.300	- / 0.300	- / 0.300	- / -	- / 1.500
Install Spares	0 / 0.000	- / -	- / -	- / 0.322	- / -	- / 0.322	- / 0.322	- / 0.322	- / 0.322	- / -	- / -	- / 1.288
PMA	0 / 0.000	- / -	- / -	- / 0.250	- / -	- / 0.250	- / 0.250	- / 0.250	- / 0.250	- / 0.250	- / -	- / 1.250
Total Support, All Modifications	0.000	-	-	3.547	-	3.547	2.447	2.747	2.147	0.550	-	11.438
Total Procurement and Support	0.000	-	-	9.922	-	9.922	7.447	7.747	5.272	2.550	-	32.938

**UNCLASSIFIED**

Exhibit P-3A, Individual Modification: PB Amended 2014 Air Force									Date: May 2013			
Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 5: Other Aircraft				P-1 Line Item Nomenclature: C13000 - C-130					Modification Nomenclature (Modification Number - Modification Title): 1 - 8.33 kHz Radios -- Minimize C-130 CNS/ATM Program			
Models of Systems Affected: C-130H 1/2/3			Type Modification: Capability Improvement					Related RDT&E PEs: 0401115F				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Total Installation Cost	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Cost (Procurement + Support + Installation)	0.000	-	-	9.922	-	9.922	7.447	7.747	5.272	2.550	-	32.938

**UNCLASSIFIED**

<b>Exhibit P-3A, Individual Modification:</b> PB Amended 2014 Air Force					<b>Date:</b> May 2013		
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 5: Other Aircraft			<b>P-1 Line Item Nomenclature:</b> C13000 - C-130			<b>Modification Nomenclature</b> ( <i>Modification Number - Modification Title</i> ): 1 - 8.33 kHz Radios -- Minimize C-130 CNS/ATM Program	
<b>Models of Systems Affected:</b> C-130H 1/2/3			<b>Type Modification:</b> Capability Improvement			<b>Related RDT&amp;E PEs:</b> 0401115F	
<b>Manufacturer Information: 8.33 kHz Radios -- Minimize C-130 CNS/ATM Program</b>							
Manufacturer Name: TBD				Manufacturer Location: TBD			
Administrative Leadtime ( <i>in Months</i> ): 8				Production Leadtime ( <i>in Months</i> ): 7			
<b>Dates</b>	<b>FY 2012</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>
Contract Dates			Jun 2014	Oct 2014	Nov 2015	Nov 2016	Nov 2017
Delivery Dates			Jan 2015	May 2015	May 2016	May 2017	May 2018
<b>Installation:</b> 8.33 kHz Radios -- Minimize C-130 CNS/ATM Program							
<b>Method of Implementation:</b> Org/Intermediate				<b>Installation Quantity:</b> 0			

## UNCLASSIFIED

<b>Exhibit P-3A, Individual Modification:</b> PB Amended 2014 Air Force										<b>Date:</b> May 2013		
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 5: Other Aircraft				<b>P-1 Line Item Nomenclature:</b> C13000 - C-130						<b>Modification Nomenclature</b> ( <i>Modification Number - Modification Title</i> ): 2 - CVR/DVR -- Minimize C-130 CNS/ATM Program		
<b>Models of Systems Affected:</b> C-130H 1/2/3				<b>Type Modification:</b> Capability Improvement				<b>Related RDT&amp;E PEs:</b> 0401115F				
<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2012</b>	<b>FY 2013<sup>#</sup></b>	<b>FY 2014 Base</b>	<b>FY 2014 OCO<sup>##</sup></b>	<b>FY 2014 Total</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>To Complete</b>	<b>Total</b>
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ <i>in Millions</i> )	-	-	-	4.278	-	4.278	7.151	6.907	8.428	14.096	-	40.860
Less PY Advance Procurement (\$ <i>in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ <i>in Millions</i> )	-	-	-	4.278	-	4.278	7.151	6.907	8.428	14.096	-	40.860
Plus CY Advance Procurement (\$ <i>in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> (\$ <i>in Millions</i> )	-	-	-	<b>4.278</b>	-	<b>4.278</b>	<b>7.151</b>	<b>6.907</b>	<b>8.428</b>	<b>14.096</b>	-	<b>40.860</b>
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (\$ <i>in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>Units in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<p><sup>#</sup> FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012</p> <p><sup>##</sup> This Budget Amendment, which includes Base and OCO funding for FY 2014, replaces the FY 2014 Base Budget Request only submission of April 2013</p> <p><b>Description:</b></p> <p>With termination of the C-130 Avionics Modernization Program (AMP), the Minimize C-130 Communication, Navigation, Surveillance/Air Traffic Management (CNS/ATM) option provides minimal airspace compliance focused program to modify 184 C-130H aircraft with ADS-B Out equipment, 8.33 kHz radios, updated cockpit voice and digital flight data recorders, and Enhanced Mode S.</p> <p>The 184 aircraft Minimize C-130 CNS/ATM program is comprised of H3s, H2.5s, H2s and H1s; and includes 28 Active Duty, 108 Guard, and 48 Reserve aircraft. The modification effort will be completed in three phases: Phase A updates 8.33 kHz radios on 156 aircraft (28 modifications previously accomplished); Phase B modifies cockpit voice and digital data recorders (CVR/DVR) for 184 aircraft; Phase C relates to ADS-B Out and Enhanced Mode S modifications. Phase C will have 4 prototype aircraft required for accomplishment of the ADS-B Out Engineering and Manufacturing Development (EMD) phase, with the remaining 180 being production aircraft. The prototype aircraft represent each type of C-130H configuration listed above.</p> <p>Current schedule is for the EMD contract to be awarded, following a competitive source selection, in the 3rd quarter of fiscal year 2014. Fiscal year 2013 actions included initiating program requirements and pre-contract efforts in preparation for the EMD source selection phase of the program.</p> <p>Milestone/Development Status</p> <p>FY14 New Start.</p>												

**UNCLASSIFIED**

Exhibit P-3A, Individual Modification: PB Amended 2014 Air Force									Date: May 2013			
Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 5: Other Aircraft				P-1 Line Item Nomenclature: C13000 - C-130					Modification Nomenclature (Modification Number - Modification Title): 2 - CVR/DVR -- Minimize C-130 CNS/ATM Program			
Models of Systems Affected: C-130H 1/2/3			Type Modification: Capability Improvement					Related RDT&E PEs: 0401115F				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
RDT&E PE #												
0401115F	0 / 0.000	- / -	- / 5.000	- / 0.400	- / -	- / 0.400	2 / 66.100	2 / 69.800	- / 11.800	- / 3.500	- / -	4 / 156.600
Procurement												
CVR/DVR -- Minimize C-130 CNS/ATM Program												
A Kits												
Recurring												
INSTALL KITS Group A (Active)	0 / 0.000	- / -	- / -	- / -	- / -	- / -	14 / 0.700	14 / 0.700	- / -	- / -	- / -	28 / 1.400
INSTALL KITS Group A (Guard)	0 / 0.000	- / -	- / -	- / -	- / -	- / -	16 / 0.800	12 / 0.600	32 / 1.600	48 / 2.400	- / -	108 / 5.400
INSTALL KITS Group A (Reserve)	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	10 / 0.500	18 / 0.900	20 / 1.000	- / -	48 / 2.400
Subtotal Recurring	0 / 0.000	- / -	- / -	- / -	- / -	- / -	30 / 1.500	36 / 1.800	50 / 2.500	68 / 3.400	- / -	184 / 9.200
Non-Recurring												
KITS NONRECUR Group A (Active)	0 / 0.000	- / -	- / -	- / 0.500	- / -	- / 0.500	- / -	- / -	- / -	- / -	- / -	- / 0.500
KITS NONRECUR Group A (Guard)	0 / 0.000	- / -	- / -	- / 0.500	- / -	- / 0.500	- / -	- / -	- / -	- / -	- / -	- / 0.500
KITS NONRECUR Group A (Reserve)	0 / 0.000	- / -	- / -	- / 0.500	- / -	- / 0.500	- / -	- / -	- / -	- / -	- / -	- / 0.500
Subtotal Non-Recurring	0 / 0.000	- / -	- / -	- / 1.500	- / -	- / 1.500	- / -	- / -	- / -	- / -	- / -	- / 1.500
B Kits												
Recurring												
EQUIPMENT Group B (Active)	0 / 0.000	- / -	- / -	- / -	- / -	- / -	14 / 0.560	14 / 0.560	- / -	- / -	- / -	28 / 1.120
EQUIPMENT Group B (Guard)	0 / 0.000	- / -	- / -	- / -	- / -	- / -	16 / 0.640	12 / 0.480	32 / 1.280	48 / 1.920	- / -	108 / 4.320
EQUIPMENT Group B (Reserve)	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	10 / 0.400	18 / 0.720	20 / 0.800	- / -	48 / 1.920
Subtotal Recurring	0 / 0.000	- / -	- / -	- / -	- / -	- / -	30 / 1.200	36 / 1.440	50 / 2.000	68 / 2.720	- / -	184 / 7.360
Non-Recurring												
EQUIP NONREC Group B (Active)	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / 0.166	- / -	- / -	- / -	- / -	- / 0.166
EQUIP NONREC Group B (Guard)	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / 0.167	- / -	- / -	- / -	- / -	- / 0.167
EQUIP NONREC Group B (Reserve)	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / 0.167	- / -	- / -	- / -	- / -	- / 0.167
Subtotal Non-Recurring	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / 0.500	- / -	- / -	- / -	- / -	- / 0.500
Secondary Distribution												
AF	0 / 0.000	- / -	- / -	- / 3.278	- / -	- / 3.278	14 / 5.377	14 / 4.159	- / 3.007	- / 4.955	- / -	- / -
AFNG	0 / 0.000	- / -	- / -	- / 0.500	- / -	- / 0.500	16 / 1.607	12 / 1.080	32 / 2.880	48 / 4.320	- / -	- / -
AFR	0 / 0.000	- / -	- / -	- / 0.500	- / -	- / 0.500	- / 0.167	10 / 0.900	18 / 1.620	20 / 1.800	- / -	- / -
Total, CVR/DVR -- Minimize C-130 CNS/ATM Program	0 / 0.000	- / -	- / -	- / 1.500	- / -	- / 1.500	30 / 3.200	36 / 3.240	50 / 4.500	68 / 6.120	- / -	184 / 18.560

**UNCLASSIFIED**

Exhibit P-3A, Individual Modification: PB Amended 2014 Air Force									Date: May 2013			
Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 5: Other Aircraft				P-1 Line Item Nomenclature: C13000 - C-130					Modification Nomenclature (Modification Number - Modification Title): 2 - CVR/DVR -- Minimize C-130 CNS/ATM Program			
Models of Systems Affected: C-130H 1/2/3				Type Modification: Capability Improvement				Related RDT&E PEs: 0401115F				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Total Procurement, All Modifications	0 / 0.000	- / -	- / -	- / 1.500	- / -	- / 1.500	30 / 3.200	36 / 3.240	50 / 4.500	68 / 6.120	- / -	184 / 18.560
Support												
DATA	0 / 0.000	- / -	- / -	- / 1.000	- / -	- / 1.000	- / 1.000	- / -	- / -	- / -	- / -	- / 2.000
SUPPORT- EQUIP	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / 0.975	- / 0.825	- / 0.825	- / 2.775	- / -	- / 5.400
ICS-Labor	0 / 0.000	- / -	- / -	- / 1.500	- / -	- / 1.500	- / 1.500	- / 1.500	- / 1.500	- / 1.500	- / -	- / 7.500
Install Spares	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / 0.200	- / 0.320	- / 0.400	- / 0.520	- / -	- / 1.440
PMA	0 / 0.000	- / -	- / -	- / 0.278	- / -	- / 0.278	- / 0.276	- / 0.254	- / 0.282	- / 0.160	- / -	- / 1.250
Total Support, All Modifications	0.000	-	-	2.778	-	2.778	3.951	2.899	3.007	4.955	-	17.590
Total Procurement and Support	0.000	-	-	4.278	-	4.278	7.151	6.139	7.507	11.075	-	36.150
CVR/DVR -- Minimize C-130 CNS/ATM Program Installation Cost	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	30 / 0.768	36 / 0.921	118 / 3.021	- / -	184 / 4.710
Total Installation Cost	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	30 / 0.768	36 / 0.921	118 / 3.021	- / -	184 / 4.710
Total Cost (Procurement + Support + Installation)	0.000	-	-	4.278	-	4.278	7.151	6.907	8.428	14.096	-	40.860



**UNCLASSIFIED**

<b>Exhibit P-3A, Individual Modification:</b> PB Amended 2014 Air Force								<b>Date:</b> May 2013				
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 5: Other Aircraft				<b>P-1 Line Item Nomenclature:</b> C13000 - C-130				<b>Modification Nomenclature</b> ( <i>Modification Number - Modification Title</i> ): 2 - CVR/DVR -- Minimize C-130 CNS/ATM Program				
<b>Models of Systems Affected:</b> C-130H 1/2/3			<b>Type Modification:</b> Capability Improvement				<b>Related RDT&amp;E PEs:</b> 0401115F					
<b>Manufacturer Information:</b> CVR/DVR -- Minimize C-130 CNS/ATM Program												
Manufacturer Name: TBD						Manufacturer Location: TBD						
Administrative Leadtime ( <i>in Months</i> ): 9						Production Leadtime ( <i>in Months</i> ): 9						
<b>Dates</b>	<b>FY 2012</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>					
Contract Dates				Jul 2015	Mar 2016	Apr 2017	Nov 2017					
Delivery Dates				Apr 2016	Dec 2016	Jan 2018	Aug 2018					
<b>Installation:</b> CVR/DVR -- Minimize C-130 CNS/ATM Program				<b>Method of Implementation:</b> Contract Field Team				<b>Installation Name:</b>				
<b>Installation Cost</b>	<b>Prior Years</b>	<b>FY 2012</b>	<b>FY 2013</b>	<b>FY 2014 Base</b>	<b>FY 2014 OCO</b>	<b>FY 2014 Total</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>To Complete</b>	<b>Total</b>
	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>
All Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	30 / 0.768	- / -	- / -	- / -	30 / 0.768
Secondary Distribution - Air Force Active	- / -	- / -	- / -	- / -	- / -	- / -	- / -	14 / 0.358	- / -	- / -	- / -	- / -
Secondary Distribution - Air National Guard	- / -	- / -	- / -	- / -	- / -	- / -	- / -	16 / 0.410	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	36 / 0.921	- / -	- / -	36 / 0.921
Secondary Distribution - Air Force Active	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	14 / 0.358	- / -	- / -	- / -
Secondary Distribution - Air National Guard	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	12 / 0.307	- / -	- / -	- / -
Secondary Distribution - Air Force Reserve	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	10 / 0.256	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	50 / 1.280	- / -	50 / 1.280
Secondary Distribution - Air National Guard	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	32 / 0.819	- / -	- / -
Secondary Distribution - Air Force Reserve	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	18 / 0.461	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	68 / 1.741	- / -	68 / 1.741
Secondary Distribution - Air National Guard	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	48 / 1.229	- / -	- / -
Secondary Distribution - Air Force Reserve	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	20 / 0.512	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Secondary Distribution - Air Force Active	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Secondary Distribution - Air National Guard	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Secondary Distribution - Air Force Reserve	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

**UNCLASSIFIED**

<b>Exhibit P-3A, Individual Modification:</b> PB Amended 2014 Air Force										<b>Date:</b> May 2013																					
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 5: Other Aircraft										<b>P-1 Line Item Nomenclature:</b> C13000 - C-130										<b>Modification Nomenclature</b> ( <i>Modification Number - Modification Title</i> ): 2 - CVR/DVR -- Minimize C-130 CNS/ ATM Program											
<b>Models of Systems Affected:</b> C-130H 1/2/3										<b>Type Modification:</b> Capability Improvement										<b>Related RDT&amp;E PEs:</b> 0401115F											
<b>Installation:</b> CVR/DVR -- Minimize C-130 CNS/ATM Program										<b>Method of Implementation:</b> Contract Field Team										<b>Installation Name:</b>											
<b>Installation Cost</b>		<b>Prior Years</b>	<b>FY 2012</b>	<b>FY 2013</b>	<b>FY 2014 Base</b>	<b>FY 2014 OCO</b>	<b>FY 2014 Total</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>To Complete</b>	<b>Total</b>																		
		<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>																	
Total		- / -	- / -	- / -	- / -	- / -	- / -	- / -	30 / 0.768	36 / 0.921	118 / 3.021	- / -	184 / 4.710																		
Secondary Distribution - Air Force Active		- / -	- / -	- / -	- / -	- / -	- / -	- / -	14 / 0.358	14 / 0.358	- / -	- / -	- / -																		
Secondary Distribution - Air National Guard		- / -	- / -	- / -	- / -	- / -	- / -	- / -	16 / 0.410	12 / 0.307	80 / 2.048	- / -	- / -																		
Secondary Distribution - Air Force Reserve		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	10 / 0.256	38 / 0.973	- / -	- / -																		
<b>Installation Schedule</b>																															
	<b>APY</b>	<b>FY 2012</b>				<b>FY 2013</b>				<b>FY 2014</b>				<b>FY 2015</b>				<b>FY 2016</b>				<b>FY 2017</b>				<b>FY 2018</b>					
		<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>TC</b>	<b>Tot</b>
In	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	18	3	11	11	11	20	30	34	34	-	184
Out	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	19	2	12	11	11	20	30	34	34	-	184

# UNCLASSIFIED

**Exhibit P-40, Budget Item Justification Sheet:** PB Amended 2014 Air Force **Date:** May 2013

**Appropriation / Budget Activity / Budget Sub Activity:**  
3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 5: Other Aircraft

**P-1 Line Item Nomenclature:**  
DARP01 - RC-135

**ID Code** (A=Service Ready, B=Not Service Ready) : A **Program Elements for Code B Items:** **Other Related Program Elements:** 0305207F

**MDAP/MAIS Code(s):**

Resource Summary	Prior Years	FY 2012	FY 2013 <sup>#</sup>	FY 2014 Base	FY 2014 OCO <sup>##</sup>	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	-	162.211	173.237	171.813	2.700	174.513	174.256	177.641	180.887	184.143	-	1,226.888
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) ( <i>\$ in Millions</i> )	-	162.211	173.237	171.813	2.700	174.513	174.256	177.641	180.887	184.143	-	1,226.888
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	-	<b>162.211</b>	<b>173.237</b>	<b>171.813</b>	<b>2.700</b>	<b>174.513</b>	<b>174.256</b>	<b>177.641</b>	<b>180.887</b>	<b>184.143</b>	-	<b>1,226.888</b>
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares ( <i>\$ in Millions</i> )	-	39.385	44.124	32.895	-	32.895	58.033	54.252	48.869	49.749	-	327.307
Flyaway Unit Cost ( <i>Units in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>Units in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-

<sup>#</sup> FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

<sup>##</sup> This Budget Amendment, which includes Base and OCO funding for FY 2014, replaces the FY 2014 Base Budget Request only submission of April 2013

## Description:

FY 2013 funding totals includes \$8.0M appropriated for Overseas Contingency Operations (OCO).

The FY 2014 \$2.7M OCO funding request will complete the X-Net integration effort on the RC-135V/W RIVET JOINT aircraft started with FY 2013 OCO funding.

The USAF's Manned Reconnaissance Systems program includes seventeen RC-135 V/W RIVET JOINT, three RC-135S COBRA BALL, and two RC-135U COMBAT SENT mission aircraft. The RC-135V/W RIVET JOINT is the variant with the majority of the aircraft in this program element and as a result, drives the Baseline integration and modification upgrade strategy for the entire RC-135 fleet. Therefore, the majority of the modification budget is directly related to the RIVET JOINT weapon system baseline strategy which subsequently spills over in the baseline strategies for COBRA BALL and COMBAT SENT weapon systems.

An RC-135 Viability Assessment was conducted in 2008 and the results reported that despite their fleet average airframe age (44 years) and accumulated flight hours (38,000) as of the end of fiscal year 2007, the RC-135 should be able to continue to meet the user's needs by performing intended operations until at least through the year 2040. Viability was assessed based on underlying analyses of reliability, maintainability, performance, corrosion, fatigue, architectural stability, safety and availability. The Viability Assessment also summarized that the RC-135 fleet has experienced significant improvements in reliability, maintainability and availability since FY 2001. The Program Manager attributes these improvements directly to the BIG SAFARI Baseline integration and modification upgrade strategy and the synergies gained with long standing relationships with the RC-135 industry partners.

FY 2014 funding efforts will concentrate on Baseline 11 integration efforts which also indirectly reacts to the 2012 RC-135 Multi-Attribute Utility Assessment (MUA), which detailed operational effectiveness, cost and program analyses of the alternative weapons system configurations (e.g. C-37, KC-46, P-8, RQ-4). The MUA determined that retaining and sustaining the RC-135V/W airframe offers the highest assessed weapons system utility (measured as a benefit of cost-to-risk ratio) over the 25 year assessment period.

Funding for this exhibit is contained in PE 0305207F, Manned Reconnaissance Systems.

**UNCLASSIFIED**

<b>Exhibit P-40, Budget Item Justification Sheet:</b> PB Amended 2014 Air Force															<b>Date:</b> May 2013					
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 5: Other Aircraft										<b>P-1 Line Item Nomenclature:</b> DARP01 - RC-135										
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A					<b>Program Elements for Code B Items:</b>					<b>Other Related Program Elements:</b> 0305207F										
<b>MDAP/MAIS Code(s):</b>																				
<b>Secondary Distribution</b>		<b>FY 2012</b>	<b>FY 2013</b>	<b>FY 2014 Base</b>	<b>FY 2014 OCO</b>	<b>FY 2014 Total</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>										
AF	Quantity	-	-	-	-	-	-	-	-	-										
	Total Obligation Authority	162.211	173.237	171.813	2.700	174.513	174.256	177.641	180.887	184.143										
<b>Item Schedule</b>		<b>Prior Years</b>			<b>FY 2012</b>			<b>FY 2013</b>			<b>FY 2014 Base</b>			<b>FY 2014 OCO</b>			<b>FY 2014 Total</b>			
<b>Item Nomenclature*</b>	<b>Exhibits</b>	<b>ID CD</b>	<b>Unit Cost (\$ M)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$ M)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$ M)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$ M)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$ M)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$ M)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>
2504 - COBRA BALL	P3A		-	-	-	-	-	10.331	-	-	10.186	-	-	10.119	-	-	-	-	-	10.119
4263 - RIVET JOINT	P3A		-	-	-	-	-	141.784	-	-	152.783	-	-	151.250	-	-	2.700	-	-	153.950
4265 - COMBAT SENT	P3A		-	-	-	-	-	10.096	-	-	10.268	-	-	10.444	-	-	-	-	-	10.444
<b>Total Gross/Weapon System Cost</b>					-			<b>162.211</b>			<b>173.237</b>			<b>171.813</b>			<b>2.700</b>			<b>174.513</b>
<b>Item Schedule</b>		<b>FY 2015</b>			<b>FY 2016</b>			<b>FY 2017</b>			<b>FY 2018</b>			<b>To Complete</b>			<b>Total</b>			
<b>Item Nomenclature*</b>	<b>Exhibits</b>	<b>ID CD</b>	<b>Unit Cost (\$ M)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$ M)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$ M)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$ M)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$ M)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$ M)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>
2504 - COBRA BALL	P3A		-	-	10.182	-	-	10.111	-	-	10.155	-	-	10.202	-	-	-	-	-	71.286
4263 - RIVET JOINT	P3A		-	-	153.433	-	-	157.197	-	-	160.404	-	-	163.615	-	-	-	-	-	1,083.166
4265 - COMBAT SENT	P3A		-	-	10.641	-	-	10.333	-	-	10.328	-	-	10.326	-	-	-	-	-	72.436
<b>Total Gross/Weapon System Cost</b>					<b>174.256</b>			<b>177.641</b>			<b>180.887</b>			<b>184.143</b>			-			<b>1,226.888</b>
*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.																				
Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.																				
<b>Justification:</b> Where applicable, justification for individual modifications is provided in the P-3A exhibits.																				

# UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB Amended 2014 Air Force									Date: May 2013			
Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 5: Other Aircraft			P-1 Line Item Nomenclature: DARP01 - RC-135					Modification Nomenclature (Modification Number - Modification Title): 2504 - COBRA BALL				
Models of Systems Affected: RC-135S, TC-135W			Type Modification: Capability Improvement				Related RDT&E PEs: 0305207F					
Resource Summary	Prior Years	FY 2012	FY 2013 <sup>#</sup>	FY 2014 Base	FY 2014 OCO <sup>##</sup>	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	-	10.331	10.186	10.119	-	10.119	10.182	10.111	10.155	10.202	-	71.286
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	10.331	10.186	10.119	-	10.119	10.182	10.111	10.155	10.202	-	71.286
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	-	10.331	10.186	10.119	-	10.119	10.182	10.111	10.155	10.202	-	71.286
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Millions)	-	-	-	-	-	-	-	-	-	-	-	-

# FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

## This Budget Amendment, which includes Base and OCO funding for FY 2014, replaces the FY 2014 Base Budget Request only submission of April 2013

Description:

Procures and installs various modifications for the three RC-135S COBRA BALL aircraft. Due to the rapidly changing threat environment encountered during our prolonged commitment to Overseas Contingency Operations (OCO), the acquisition program manager has the authority to redirect funding as necessary to meet current stated and emerging Combatant Commander requirements.

The RC-135S COBRA BALL program (DARP/Manned Reconnaissance Systems) is managed as an incremental baseline upgrade acquisition strategy in order to maintain relevancy to evolving and emerging adversarial threats such as the proliferation of networked communications for terrorists and/or insurgents world-wide. The BIG SAFARI Baseline Upgrade Strategy requires purchase agreements for long lead items that take appoximately 12 months from contract award to delivery. Items contracted for purchase and integration in a given Baseline upgrade are bought in the first year of the procurement funding cycle and are installed in the next year. This acquisition strategy has been successful in maintaining critical combat capability in the ISR arena over the last 30+ years.

FY 2014 procurement funding initiatives will concentrate efforts on the COBRA BALL's Baseline 4+ and 5. Baseline 4+ and 5 subsystem upgrades consist of, but not limited to, Wideband Global Satellite (WGS) reachback connectivity, COMINT DF, intercom system replacement, and integrating the RIVET JOINT Baseline 11 COMINT suite.

Funding for this exhibit contained in PE 0305207F.

Milestone/Development Status

FY 2014 procurement, integration, fielding and logistical support efforts for two distinct baseline configuration upgrades (4+ and 5) of the three RC-135S COBRA BALL aircraft, sensor systems, and associated ground support system are attributed to the development efforts initiated in FY 2013 which led to the modifications plans for RC-135S COBRA BALL fleet.

UNCLASSIFIED

<b>Exhibit P-3A, Individual Modification:</b> PB Amended 2014 Air Force		<b>Date:</b> May 2013
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 5: Other Aircraft	<b>P-1 Line Item Nomenclature:</b> DARP01 - RC-135	<b>Modification Nomenclature</b> <i>(Modification Number - Modification Title):</i> 2504 - COBRA BALL
<b>Models of Systems Affected:</b> RC-135S, TC-135W	<b>Type Modification:</b> Capability Improvement	<b>Related RDT&amp;E PEs:</b> 0305207F

**UNCLASSIFIED**

Exhibit P-3A, Individual Modification: PB Amended 2014 Air Force									Date: May 2013			
Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 5: Other Aircraft				P-1 Line Item Nomenclature: DARP01 - RC-135					Modification Nomenclature (Modification Number - Modification Title): 2504 - COBRA BALL			
Models of Systems Affected: RC-135S, TC-135W			Type Modification: Capability Improvement					Related RDT&E PEs: 0305207F				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
COBRA BALL												
A Kits												
Recurring												
INSTALL KITS Group A (Active)	0 / 0.000	1 / 2.060	1 / 2.109	1 / 2.155	- / -	1 / 2.155	1 / 2.169	1 / 2.130	1 / 2.116	1 / 2.105	- / -	7 / 14.844
Subtotal Recurring	0 / 0.000	1 / 2.060	1 / 2.109	1 / 2.155	- / -	1 / 2.155	1 / 2.169	1 / 2.130	1 / 2.116	1 / 2.105	- / -	7 / 14.844
B Kits												
Recurring												
EQUIPMENT Group B (Active)	0 / 0.000	1 / 3.515	1 / 3.315	1 / 3.192	- / -	1 / 3.192	1 / 3.016	1 / 3.058	1 / 3.023	1 / 3.089	- / -	7 / 22.208
Subtotal Recurring	0 / 0.000	1 / 3.515	1 / 3.315	1 / 3.192	- / -	1 / 3.192	1 / 3.016	1 / 3.058	1 / 3.023	1 / 3.089	- / -	7 / 22.208
Secondary Distribution												
AF	0 / 0.000	1 / 10.331	1 / 5.424	1 / 5.347	- / -	1 / 5.347	1 / 5.185	1 / 5.188	1 / 5.139	1 / 5.194	- / -	- / -
Total, COBRA BALL	0 / 0.000	1 / 5.575	1 / 5.424	1 / 5.347	- / -	1 / 5.347	1 / 5.185	1 / 5.188	1 / 5.139	1 / 5.194	- / -	7 / 37.052
Total Procurement, All Modifications	0 / 0.000	1 / 5.575	1 / 5.424	1 / 5.347	- / -	1 / 5.347	1 / 5.185	1 / 5.188	1 / 5.139	1 / 5.194	- / -	7 / 37.052
Support												
Install Spares	0 / 0.000	- / 4.756	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 4.756
Total Support, All Modifications	0.000	4.756	-	-	-	-	-	-	-	-	-	4.756
Total Procurement and Support	0.000	10.331	5.424	5.347	-	5.347	5.185	5.188	5.139	5.194	-	41.808
COBRA BALL Installation Cost	0 / 0.000	- / -	1 / 4.762	1 / 4.772	- / -	1 / 4.772	1 / 4.997	1 / 4.923	1 / 5.016	1 / 5.008	1 / -	7 / 29.478
Total Installation Cost	0 / 0.000	- / -	1 / 4.762	1 / 4.772	- / -	1 / 4.772	1 / 4.997	1 / 4.923	1 / 5.016	1 / 5.008	1 / -	7 / 29.478
Total Cost (Procurement + Support + Installation)	0.000	10.331	10.186	10.119	-	10.119	10.182	10.111	10.155	10.202	-	71.286

**UNCLASSIFIED**

<b>Exhibit P-3A, Individual Modification:</b> PB Amended 2014 Air Force								<b>Date:</b> May 2013				
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 5: Other Aircraft				<b>P-1 Line Item Nomenclature:</b> DARP01 - RC-135				<b>Modification Nomenclature</b> ( <i>Modification Number - Modification Title</i> ): 2504 - COBRA BALL				
<b>Models of Systems Affected:</b> RC-135S, TC-135W			<b>Type Modification:</b> Capability Improvement				<b>Related RDT&amp;E PEs:</b> 0305207F					
<b>Manufacturer Information: COBRA BALL</b>												
Manufacturer Name: Unknown						Manufacturer Location: Unknown						
Administrative Leadtime ( <i>in Months</i> ): 6						Production Leadtime ( <i>in Months</i> ): 18						
<b>Dates</b>	<b>FY 2012</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>					
Contract Dates	Dec 2011	Dec 2012	Dec 2013	Dec 2014	Dec 2015	Dec 2016	Dec 2017					
Delivery Dates	Jun 2013	Jun 2014	Jun 2015	Jun 2016	Jun 2017	Jun 2018	Jun 2019					
<b>Installation:</b> COBRA BALL			<b>Method of Implementation:</b> Depot					<b>Installation Name:</b>				
	<b>Prior Years</b>	<b>FY 2012</b>	<b>FY 2013</b>	<b>FY 2014 Base</b>	<b>FY 2014 OCO</b>	<b>FY 2014 Total</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>To Complete</b>	<b>Total</b>
<b>Installation Cost</b>	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2012	- / -	- / -	1 / 4.762	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 4.762
Secondary Distribution - Air Force Active	- / -	- / -	1 / 4.762	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2013	- / -	- / -	- / -	1 / 4.772	- / -	1 / 4.772	- / -	- / -	- / -	- / -	- / -	1 / 4.772
Secondary Distribution - Air Force Active	- / -	- / -	- / -	1 / 4.772	- / -	1 / 4.772	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	1 / 4.997	- / -	- / -	- / -	- / -	1 / 4.997
Secondary Distribution - Air Force Active	- / -	- / -	- / -	- / -	- / -	- / -	1 / 4.997	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 4.923	- / -	- / -	- / -	1 / 4.923
Secondary Distribution - Air Force Active	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 4.923	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 5.016	- / -	- / -	1 / 5.016
Secondary Distribution - Air Force Active	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 5.016	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 5.008	- / -	1 / 5.008
Secondary Distribution - Air Force Active	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 5.008	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Secondary Distribution - Air Force Active	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	- / -	- / -	1 / 4.762	1 / 4.772	- / -	1 / 4.772	1 / 4.997	1 / 4.923	1 / 5.016	1 / 5.008	- / -	6 / 29.478
Secondary Distribution - Air Force Active	- / -	- / -	1 / 4.762	1 / 4.772	- / -	1 / 4.772	1 / 4.997	1 / 4.923	1 / 5.016	1 / 5.008	- / -	- / -



# UNCLASSIFIED

<b>Exhibit P-3A, Individual Modification:</b> PB Amended 2014 Air Force																							<b>Date:</b> May 2013								
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 5: Other Aircraft										<b>P-1 Line Item Nomenclature:</b> DARP01 - RC-135										<b>Modification Nomenclature</b> ( <i>Modification Number - Modification Title</i> ): 2504 - COBRA BALL											
<b>Models of Systems Affected:</b> RC-135S, TC-135W										<b>Type Modification:</b> Capability Improvement										<b>Related RDT&amp;E PEs:</b> 0305207F											
<b>Installation:</b> COBRA BALL										<b>Method of Implementation:</b> Depot										<b>Installation Name:</b>											
<b>Installation Schedule</b>																															
		<b>FY 2012</b>				<b>FY 2013</b>				<b>FY 2014</b>				<b>FY 2015</b>				<b>FY 2016</b>				<b>FY 2017</b>				<b>FY 2018</b>					
	<b>APY</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>TC</b>	<b>Tot</b>
In	0	-	-	-	-	1	-	-	-	1	-	-	-	1	-	-	-	1	-	-	-	1	-	-	-	1	-	-	-	1	7
Out	0	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-	-	1	-	-	-	1	-	-	-	1	-	2	7

# UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB Amended 2014 Air Force								Date: May 2013				
Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 5: Other Aircraft				P-1 Line Item Nomenclature: DARP01 - RC-135				Modification Nomenclature (Modification Number - Modification Title): 4263 - RIVET JOINT				
Models of Systems Affected: RC-135V/W & TC-135W			Type Modification: Capability Improvement					Related RDT&E PEs: 0305207F				
Resource Summary	Prior Years	FY 2012	FY 2013 <sup>#</sup>	FY 2014 Base	FY 2014 OCO <sup>##</sup>	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	-	141.784	152.783	151.250	2.700	153.950	153.433	157.197	160.404	163.615	-	1,083.166
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	141.784	152.783	151.250	2.700	153.950	153.433	157.197	160.404	163.615	-	1,083.166
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	-	141.784	152.783	151.250	2.700	153.950	153.433	157.197	160.404	163.615	-	1,083.166
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	39.385	44.124	32.895	-	32.895	58.033	54.252	48.869	49.749	-	327.307
Gross/Weapon System Unit Cost (Units in Millions)	-	-	-	-	-	-	-	-	-	-	-	-

# FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

## This Budget Amendment, which includes Base and OCO funding for FY 2014, replaces the FY 2014 Base Budget Request only submission of April 2013

Description:

Procures and installs various modifications for the RC-135V/W RIVET JOINT aircraft fleet. Due to the rapidly changing threat environment encountered during our prolonged commitment to OCO, the acquisition program manager has the authority to redirect funding as necessary to meet current stated and emerging Combatant Commander requirements.

The RC-135V/W RIVET JOINT program (DARP/Manned Reconnaissance Systems) is managed as an incremental baseline upgrade acquisition strategy in order to maintain relevancy to evolving and emerging adversarial threats such as the proliferation of networked communications for terrorists and/or insurgents world-wide. The BIG SAFARI Baseline Upgrade Strategy requires purchase agreements for long lead items that take approximately 12 months from contract award to delivery. Items contracted for purchase and integration in a given Baseline upgrade are bought in the first year of the procurement funding cycle and are installed in the next year. This acquisition strategy has been successful in maintaining critical combat capability in the ISR arena over the last 30+ years.

FY 2013 funding includes an \$8.0M OCO submission to initiate the integration of an X-Net capability on RIVET JOINT aircraft. X-Net provides a beyond line-of-sight (BLOS) communications capability allowing airborne analysts to communicate directly with tactical ground forces.

FY 2014 procurement funding initiatives will concentrate efforts on the RIVET JOINT's Baseline 11. Baseline 11 subsystem upgrades consist of, but not limited to, precision multi-angle DF COMINT capability, ELINT recorder expansion, precision ELINT (DSS) integration, WGS enhanced integration, continued CNS/ATM and RNP compliant cockpit avionics enhancements to include addressing any obsolescence issues, new steerable beam antenna, and weight reduction phase 3.

An FY 2014 OCO Request of \$2.7M has been submitted for continuing the integration of an X-Net capability on RIVET JOINT aircraft.

Funding for this exhibit contained in PE 0305207F.

UNCLASSIFIED

<b>Exhibit P-3A, Individual Modification:</b> PB Amended 2014 Air Force		<b>Date:</b> May 2013
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 5: Other Aircraft	<b>P-1 Line Item Nomenclature:</b> DARP01 - RC-135	<b>Modification Nomenclature</b> <i>(Modification Number - Modification Title):</i> 4263 - RIVET JOINT
<b>Models of Systems Affected:</b> RC-135V/W & TC-135W	<b>Type Modification:</b> Capability Improvement	<b>Related RDT&amp;E PEs:</b> 0305207F
<p>Milestone/Development Status</p> <p>FY 2013 aircraft, sensor systems, and associated ground support system developmental efforts for the Baseline 11 configuration upgrade of the RC-135V/W RIVET JOINT leads to the modifications plans initiated in FY 2014 to include the procurement, integration, fielding and logistical support of the Baseline 11 configuration for the RC-135V/W RIVET JOINT.</p>		

**UNCLASSIFIED**

Exhibit P-3A, Individual Modification: PB Amended 2014 Air Force									Date: May 2013			
Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 5: Other Aircraft				P-1 Line Item Nomenclature: DARP01 - RC-135					Modification Nomenclature (Modification Number - Modification Title): 4263 - RIVET JOINT			
Models of Systems Affected: RC-135V/W & TC-135W				Type Modification: Capability Improvement				Related RDT&E PEs: 0305207F				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
RDT&E PE #												
0305207F	0 / 0.000	- / 13.049	- / 13.316	- / 13.491	- / -	- / 13.491	- / 13.685	- / 13.926	- / 14.177	- / 14.432	- / -	- / 96.076
Procurement												
RIVET JOINT												
A Kits												
Recurring												
INSTALL KITS Group A (Active)	0 / 0.000	4 / 11.811	4 / 12.289	4 / 12.785	- / -	4 / 12.785	4 / 13.291	4 / 13.636	4 / 13.879	4 / 14.173	- / -	28 / 91.864
Subtotal Recurring	0 / 0.000	4 / 11.811	4 / 12.289	4 / 12.785	- / -	4 / 12.785	4 / 13.291	4 / 13.636	4 / 13.879	4 / 14.173	- / -	28 / 91.864
Non-Recurring												
KITS NONRECUR Group A (Active)	0 / 0.000	- / -	- / -	- / -	- / 2.700	- / 2.700	- / -	- / -	- / -	- / -	- / -	- / 2.700
Subtotal Non-Recurring	0 / 0.000	- / -	- / -	- / -	- / 2.700	- / 2.700	- / -	- / -	- / -	- / -	- / -	- / 2.700
B Kits												
Recurring												
EQUIPMENT Group B (Active)	0 / 0.000	4 / 86.513	4 / 88.590	4 / 92.600	- / -	4 / 92.600	4 / 93.799	4 / 96.046	4 / 97.714	4 / 100.344	- / -	28 / 655.606
Subtotal Recurring	0 / 0.000	4 / 86.513	4 / 88.590	4 / 92.600	- / -	4 / 92.600	4 / 93.799	4 / 96.046	4 / 97.714	4 / 100.344	- / -	28 / 655.606
Non-Recurring												
EQUIP NONREC Group B (Active)	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Subtotal Non-Recurring	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Secondary Distribution												
AF	0 / 0.000	4 / 141.784	4 / 110.190	4 / 106.697	- / 2.700	4 / 109.397	4 / 108.403	4 / 110.996	4 / 112.908	4 / 115.833	- / -	- / -
Total, RIVET JOINT	0 / 0.000	4 / 98.324	4 / 100.879	4 / 105.385	- / 2.700	4 / 108.085	4 / 107.090	4 / 109.682	4 / 111.593	4 / 114.517	- / -	28 / 750.170
Total Procurement, All Modifications	0 / 0.000	4 / 98.324	4 / 100.879	4 / 105.385	- / 2.700	4 / 108.085	4 / 107.090	4 / 109.682	4 / 111.593	4 / 114.517	- / -	28 / 750.170
Support												
Install Spares	0 / 0.000	4 / 42.150	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 42.150
GFE	0 / 0.000	- / -	- / 8.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 8.000
PMA	0 / 0.000	- / 1.310	- / 1.311	- / 1.312	- / -	- / 1.312	- / 1.313	- / 1.314	- / 1.315	- / 1.316	- / -	- / 9.191
Total Support, All Modifications	0.000	43.460	9.311	1.312	-	1.312	1.313	1.314	1.315	1.316	-	59.341
Total Procurement and Support	0.000	141.784	110.190	106.697	2.700	109.397	108.403	110.996	112.908	115.833	-	809.511
RIVET JOINT Installation Cost	0 / 0.000	- / -	4 / 42.593	4 / 44.553	- / -	4 / 44.553	4 / 45.030	4 / 46.201	4 / 47.496	4 / 47.782	4 / -	28 / 273.655
Total Installation Cost	0 / 0.000	- / -	4 / 42.593	4 / 44.553	- / -	4 / 44.553	4 / 45.030	4 / 46.201	4 / 47.496	4 / 47.782	4 / -	28 / 273.655

**UNCLASSIFIED**

<b>Exhibit P-3A, Individual Modification:</b> PB Amended 2014 Air Force				<b>Date:</b> May 2013	
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 5: Other Aircraft		<b>P-1 Line Item Nomenclature:</b> DARP01 - RC-135		<b>Modification Nomenclature</b> ( <i>Modification Number - Modification Title</i> ): 4263 - RIVET JOINT	
<b>Models of Systems Affected:</b> RC-135V/W & TC-135W		<b>Type Modification:</b> Capability Improvement			

<b>Financial Plan</b>	<b>Prior Years</b>	<b>FY 2012</b>	<b>FY 2013</b>	<b>FY 2014 Base</b>	<b>FY 2014 OCO</b>	<b>FY 2014 Total</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>To Complete</b>	<b>Total</b>
	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>
<b>Total Cost (Procurement + Support + Installation)</b>	<b>0.000</b>	<b>141.784</b>	<b>152.783</b>	<b>151.250</b>	<b>2.700</b>	<b>153.950</b>	<b>153.433</b>	<b>157.197</b>	<b>160.404</b>	<b>163.615</b>	<b>-</b>	<b>1,083.166</b>

**UNCLASSIFIED**

<b>Exhibit P-3A, Individual Modification:</b> PB Amended 2014 Air Force						<b>Date:</b> May 2013	
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 5: Other Aircraft			<b>P-1 Line Item Nomenclature:</b> DARP01 - RC-135			<b>Modification Nomenclature</b> ( <i>Modification Number - Modification Title</i> ): 4263 - RIVET JOINT	
<b>Models of Systems Affected:</b> RC-135V/W & TC-135W			<b>Type Modification:</b> Capability Improvement			<b>Related RDT&amp;E PEs:</b> 0305207F	

<b>Manufacturer Information: RIVET JOINT</b>							
Manufacturer Name: Unknown				Manufacturer Location: Unknown			
Administrative Leadtime ( <i>in Months</i> ): 6				Production Leadtime ( <i>in Months</i> ): 18			
<b>Dates</b>	<b>FY 2012</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>
Contract Dates	Dec 2011	Dec 2012	Dec 2013	Dec 2014	Dec 2015	Dec 2016	Dec 2017
Delivery Dates	Jun 2013	Jun 2014	Jun 2015	Jun 2016	Jun 2017	Jun 2018	Jun 2019

<b>Installation:</b> RIVET JOINT			<b>Method of Implementation:</b> Depot					<b>Installation Name:</b>				
<b>Installation Cost</b>	<b>Prior Years</b>	<b>FY 2012</b>	<b>FY 2013</b>	<b>FY 2014 Base</b>	<b>FY 2014 OCO</b>	<b>FY 2014 Total</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>To Complete</b>	<b>Total</b>
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2012	- / -	- / -	4 / 42.593	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 42.593
Secondary Distribution - Air Force Active	- / -	- / -	4 / 42.593	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2013	- / -	- / -	- / -	4 / 44.553	- / -	4 / 44.553	- / -	- / -	- / -	- / -	- / -	4 / 44.553
Secondary Distribution - Air Force Active	- / -	- / -	- / -	4 / 44.553	- / -	4 / 44.553	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	4 / 45.030	- / -	- / -	- / -	- / -	4 / 45.030
Secondary Distribution - Air Force Active	- / -	- / -	- / -	- / -	- / -	- / -	4 / 45.030	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 46.201	- / -	- / -	- / -	4 / 46.201
Secondary Distribution - Air Force Active	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 46.201	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 47.496	- / -	- / -	4 / 47.496
Secondary Distribution - Air Force Active	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 47.496	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 47.782	- / -	4 / 47.782
Secondary Distribution - Air Force Active	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 47.782	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Secondary Distribution - Air Force Active	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	- / -	- / -	4 / 42.593	4 / 44.553	- / -	4 / 44.553	4 / 45.030	4 / 46.201	4 / 47.496	4 / 47.782	- / -	24 / 273.655
Secondary Distribution - Air Force Active	- / -	- / -	4 / 42.593	4 / 44.553	- / -	4 / 44.553	4 / 45.030	4 / 46.201	4 / 47.496	4 / 47.782	- / -	- / -

**UNCLASSIFIED**

<b>Exhibit P-3A, Individual Modification:</b> PB Amended 2014 Air Force																							<b>Date:</b> May 2013								
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 5: Other Aircraft										<b>P-1 Line Item Nomenclature:</b> DARP01 - RC-135										<b>Modification Nomenclature</b> ( <i>Modification Number - Modification Title</i> ): 4263 - RIVET JOINT											
<b>Models of Systems Affected:</b> RC-135V/W & TC-135W										<b>Type Modification:</b> Capability Improvement										<b>Related RDT&amp;E PEs:</b> 0305207F											
<b>Installation:</b> RIVET JOINT										<b>Method of Implementation:</b> Depot										<b>Installation Name:</b>											
<b>Installation Schedule</b>																															
		<b>FY 2012</b>				<b>FY 2013</b>				<b>FY 2014</b>				<b>FY 2015</b>				<b>FY 2016</b>				<b>FY 2017</b>				<b>FY 2018</b>					
	<b>APY</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>TC</b>	<b>Tot</b>
In	0	-	-	-	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4	28
Out	0	-	-	-	-	-	-	-	-	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	9	28

# UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB Amended 2014 Air Force									Date: May 2013			
Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 5: Other Aircraft				P-1 Line Item Nomenclature: DARP01 - RC-135					Modification Nomenclature (Modification Number - Modification Title): 4265 - COMBAT SENT			
Models of Systems Affected: RC-135U			Type Modification: Capability Improvement					Related RDT&E PEs: 0305207F				
Resource Summary	Prior Years	FY 2012	FY 2013 <sup>#</sup>	FY 2014 Base	FY 2014 OCO <sup>##</sup>	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	-	10.096	10.268	10.444	-	10.444	10.641	10.333	10.328	10.326	-	72.436
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	10.096	10.268	10.444	-	10.444	10.641	10.333	10.328	10.326	-	72.436
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	-	10.096	10.268	10.444	-	10.444	10.641	10.333	10.328	10.326	-	72.436
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
# FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
## This Budget Amendment, which includes Base and OCO funding for FY 2014, replaces the FY 2014 Base Budget Request only submission of April 2013												
Description:												
Procures and installs various classified modifications for two RC-135U COMBAT SENT aircraft. Due to the rapidly changing threat environment and technological advances of our adversaries, the acquisition program manager has the authority to redirect funding as necessary to meet current stated and emerging Combatant Commander requirements.												
The RC-135U COMBAT SENT program (DARP/Manned Reconnaissance Systems) is managed as an incremental baseline upgrade acquisition strategy in order to maintain relevancy to evolving and emerging adversarial threats such as the proliferation of networked communications for terrorists and/or insurgents world-wide. The BIG SAFARI Baseline Upgrade Strategy requires purchase agreements for long lead items that take appoximately 12 months from contract award to delivery. Items contracted for purchase and integration in a given Baseline upgrade are bought in the first year of the procurement funding cycle and are installed in the next year. This acquisition strategy has been successful in maintaining critical combat capability in the ISR arena over the last 30+ years.												
FY 2014 procurement funding initiatives will concentrate efforts on the COMBAT SENT's Baseline 5 configuration. Baseline 5 subsystem upgrades consist of, but are not limited to, Wideband Global Satellite (WGS) reachback connectivity, precision ELINT systems (CORVUS & DSS) replacement, liquid cooling system, super wideband receiver, airborne tracking system, and integration of the RIVET JOINT Baseline 11 COMINT suite.												
Funding for this exhibit contained in PE 0305207F.												
Milestone/Development Status												
FY 2013 aircraft, sensor systems, and associated ground support system development efforts for the two fielded Baseline 4 configured RC-135U COMBAT SENT led to the modifications plans initiated in FY 2014 to include the procurement, integration, fielding and logistical support for the Baseline 5 configuration upgrades to the RC-135U COMBAT SENT aircraft.												



UNCLASSIFIED

<b>Exhibit P-3A, Individual Modification:</b> PB Amended 2014 Air Force		<b>Date:</b> May 2013
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 5: Other Aircraft	<b>P-1 Line Item Nomenclature:</b> DARP01 - RC-135	<b>Modification Nomenclature</b> <i>(Modification Number - Modification Title):</i> 4265 - COMBAT SENT
<b>Models of Systems Affected:</b> RC-135U	<b>Type Modification:</b> Capability Improvement	<b>Related RDT&amp;E PEs:</b> 0305207F


**UNCLASSIFIED**

Exhibit P-3A, Individual Modification: PB Amended 2014 Air Force									Date: May 2013			
Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 5: Other Aircraft				P-1 Line Item Nomenclature: DARP01 - RC-135					Modification Nomenclature (Modification Number - Modification Title): 4265 - COMBAT SENT			
Models of Systems Affected: RC-135U				Type Modification: Capability Improvement				Related RDT&E PEs: 0305207F				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
COMBAT SENT												
A Kits												
Recurring												
INSTALL KITS Group A (Active)	0 / 0.000	1 / 3.247	1 / 3.300	1 / 3.323	- / -	1 / 3.323	1 / 3.242	1 / 3.090	1 / 3.118	1 / 3.114	- / -	7 / 22.434
Subtotal Recurring	0 / 0.000	1 / 3.247	1 / 3.300	1 / 3.323	- / -	1 / 3.323	1 / 3.242	1 / 3.090	1 / 3.118	1 / 3.114	- / -	7 / 22.434
B Kits												
Recurring												
EQUIPMENT Group B (Active)	0 / 0.000	1 / 1.784	1 / 1.849	1 / 2.045	- / -	1 / 2.045	1 / 2.196	1 / 2.062	1 / 2.058	1 / 2.127	- / -	7 / 14.121
Subtotal Recurring	0 / 0.000	1 / 1.784	1 / 1.849	1 / 2.045	- / -	1 / 2.045	1 / 2.196	1 / 2.062	1 / 2.058	1 / 2.127	- / -	7 / 14.121
Non-Recurring												
EQUIP NONREC Group B (Active)	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Subtotal Non-Recurring	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Secondary Distribution												
AF	0 / 0.000	1 / 10.096	1 / 5.149	1 / 5.368	- / -	1 / 5.368	1 / 5.438	1 / 5.152	1 / 5.176	1 / 5.241	- / -	- / -
Total, COMBAT SENT	0 / 0.000	1 / 5.031	1 / 5.149	1 / 5.368	- / -	1 / 5.368	1 / 5.438	1 / 5.152	1 / 5.176	1 / 5.241	- / -	7 / 36.555
Total Procurement, All Modifications	0 / 0.000	1 / 5.031	1 / 5.149	1 / 5.368	- / -	1 / 5.368	1 / 5.438	1 / 5.152	1 / 5.176	1 / 5.241	- / -	7 / 36.555
Support												
Install Spares	0 / 0.000	- / 5.065	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 5.065
Total Support, All Modifications	0.000	5.065	-	-	-	-	-	-	-	-	-	5.065
Total Procurement and Support	0.000	10.096	5.149	5.368	-	5.368	5.438	5.152	5.176	5.241	-	41.620
COMBAT SENT Installation Cost	0 / 0.000	- / -	1 / 5.119	1 / 5.076	- / -	1 / 5.076	1 / 5.203	1 / 5.181	1 / 5.152	1 / 5.085	1 / -	7 / 30.816
Total Installation Cost	0 / 0.000	- / -	1 / 5.119	1 / 5.076	- / -	1 / 5.076	1 / 5.203	1 / 5.181	1 / 5.152	1 / 5.085	1 / -	7 / 30.816
Total Cost (Procurement + Support + Installation)	0.000	10.096	10.268	10.444	-	10.444	10.641	10.333	10.328	10.326	-	72.436

**UNCLASSIFIED**

<b>Exhibit P-3A, Individual Modification:</b> PB Amended 2014 Air Force								<b>Date:</b> May 2013				
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 5: Other Aircraft				<b>P-1 Line Item Nomenclature:</b> DARP01 - RC-135				<b>Modification Nomenclature</b> ( <i>Modification Number - Modification Title</i> ): 4265 - COMBAT SENT				
<b>Models of Systems Affected:</b> RC-135U				<b>Type Modification:</b> Capability Improvement				<b>Related RDT&amp;E PEs:</b> 0305207F				
<b>Manufacturer Information: COMBAT SENT</b>												
Manufacturer Name: Unknown						Manufacturer Location: Unknown						
Administrative Leadtime ( <i>in Months</i> ): 6						Production Leadtime ( <i>in Months</i> ): 18						
<b>Dates</b>	<b>FY 2012</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>					
Contract Dates	Dec 2011	Dec 2012	Dec 2013	Dec 2014	Dec 2015	Dec 2016	Dec 2017					
Delivery Dates	Jun 2013	Jun 2014	Jun 2015	Jun 2016	Jun 2017	Jun 2018	Jun 2019					
<b>Installation:</b> COMBAT SENT				<b>Method of Implementation:</b> Depot				<b>Installation Name:</b>				
	<b>Prior Years</b>	<b>FY 2012</b>	<b>FY 2013</b>	<b>FY 2014 Base</b>	<b>FY 2014 OCO</b>	<b>FY 2014 Total</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>To Complete</b>	<b>Total</b>
<b>Installation Cost</b>	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2012	- / -	- / -	1 / 5.119	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 5.119
Secondary Distribution - Air Force Active	- / -	- / -	1 / 5.119	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2013	- / -	- / -	- / -	1 / 5.076	- / -	1 / 5.076	- / -	- / -	- / -	- / -	- / -	1 / 5.076
Secondary Distribution - Air Force Active	- / -	- / -	- / -	1 / 5.076	- / -	1 / 5.076	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	1 / 5.203	- / -	- / -	- / -	- / -	1 / 5.203
Secondary Distribution - Air Force Active	- / -	- / -	- / -	- / -	- / -	- / -	1 / 5.203	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 5.181	- / -	- / -	- / -	1 / 5.181
Secondary Distribution - Air Force Active	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 5.181	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 5.152	- / -	- / -	1 / 5.152
Secondary Distribution - Air Force Active	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 5.152	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 5.085	- / -	1 / 5.085
Secondary Distribution - Air Force Active	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 5.085	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Secondary Distribution - Air Force Active	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	- / -	- / -	1 / 5.119	1 / 5.076	- / -	1 / 5.076	1 / 5.203	1 / 5.181	1 / 5.152	1 / 5.085	- / -	6 / 30.816
Secondary Distribution - Air Force Active	- / -	- / -	1 / 5.119	1 / 5.076	- / -	1 / 5.076	1 / 5.203	1 / 5.181	1 / 5.152	1 / 5.085	- / -	- / -

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB Amended 2014 Air Force																							Date: May 2013								
Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 5: Other Aircraft										P-1 Line Item Nomenclature: DARP01 - RC-135										Modification Nomenclature (Modification Number - Modification Title): 4265 - COMBAT SENT											
Models of Systems Affected: RC-135U										Type Modification: Capability Improvement										Related RDT&E PEs: 0305207F											
Installation: COMBAT SENT										Method of Implementation: Depot										Installation Name:											
Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	0	-	-	-	-	1	-	-	-	1	-	-	-	1	-	-	-	1	-	-	-	1	-	-	-	1	-	-	-	1	7
Out	0	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-	-	1	-	-	-	1	-	-	-	1	-	2	7

# UNCLASSIFIED

**Exhibit P-40, Budget Item Justification Sheet:** PB Amended 2014 Air Force **Date:** May 2013

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F: Aircraft Procurement, Air Force / BA 07: Aircraft Supt Equipment & Facilities / BSA 1: Common Support Equipment	<b>P-1 Line Item Nomenclature:</b> 000071 - Aircraft Replacement Support Equip
---	---

<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A	<b>Program Elements for Code B Items:</b>	<b>Other Related Program Elements:</b>
---	---	--

**MDAP/MAIS Code(s):**

Resource Summary	Prior Years	FY 2012	FY 2013 <sup>#</sup>	FY 2014 Base	FY 2014 OCO <sup>##</sup>	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	0.000	133.119	56.542	49.140	6.000	55.140	31.003	43.027	40.441	42.485	-	401.757
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) ( <i>\$ in Millions</i> )	0.000	133.119	56.542	49.140	6.000	55.140	31.003	43.027	40.441	42.485	-	401.757
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	<b>0.000</b>	<b>133.119</b>	<b>56.542</b>	<b>49.140</b>	<b>6.000</b>	<b>55.140</b>	<b>31.003</b>	<b>43.027</b>	<b>40.441</b>	<b>42.485</b>	<b>-</b>	<b>401.757</b>
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost ( <i>Units in Dollars</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>Units in Dollars</i> )	-	-	-	-	-	-	-	-	-	-	-	-

<sup>#</sup> FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

<sup>##</sup> This Budget Amendment, which includes Base and OCO funding for FY 2014, replaces the FY 2014 Base Budget Request only submission of April 2013

## 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.

### USM670 Core Test Set (CTS)

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 support Air Force weapon systems A-10, F-15, and F-16 aircraft.

### Advanced Digital Test Station (ADTS)

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 procurement of the TPS Rehost is associated with the initial program acquisition cost.

# UNCLASSIFIED

<b>Exhibit P-40, Budget Item Justification Sheet:</b> PB Amended 2014 Air Force		<b>Date:</b> May 2013
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F: Aircraft Procurement, Air Force / BA 07: Aircraft Supt Equipment & Facilities / BSA 1: Common Support Equipment		<b>P-1 Line Item Nomenclature:</b> 000071 - Aircraft Replacement Support Equip
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A	<b>Program Elements for Code B Items:</b>	<b>Other Related Program Elements:</b>
<b>MDAP/MAIS Code(s):</b>  <p>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).</p> <p>Portable Automated Test Station (PATS) The 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 unsupportable. The PATS model -70 (P/N 04852-0100-70) increases capability, reduces equipment down time, and enhances maintainer trouble shooting capability on the aircraft, ensuring that A-10 mission capability is maintained.</p> <p>Versamodule Extensions for Instrumentation Improved Avionics Intermediate Shop (VXI-IAIS) The 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. 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.</p> <p>Versatile Depot Automatic Test Station (VDATS) VDATS is a tester that is used for maintenance and testing of advanced avionics components that supports multiple aircraft platforms and systems. Initially, VDATS was developed to reduce Automatic Test Systems (ATS) proliferation by standardizing depot avionics test stations. VDATS has been named the first Air Force Family of testers. As a family of testers which standardized ATS support within the Air Force, VDATS now supports intermediate level ATS requirements. VDATS has flexible hardware and software architectures that are fully expandable and tailorable. VDATS provides workload transportability and increased sustainability through common commercial components with latest technologies and open architecture design. The system has a Commercial Off The Shelf (COTS) System of Automatic Test Equipment (ATE), with architecture and Virtual Modular Equipment (VME) Extensions for Instrumentation (VXI) technology. Using standardized commercial components on VDATS reduces the number of diverse components which eases sustainability and obsolescence management allowing production units to run on any VDATS of the same configuration utilizing interface test adapters and test program sets. The equipment within the VDATS family of tester is the Digital Analog, Radio Frequency and Calibration Equipment. VDATS Digital Analog (DA-1) is the standard configuration. It includes the Cross Point Matrix (CPM) which provides a true hybrid test capability to the Test Program Set (TPS) developer and provides the switching technology required to connect any digital pin on VDATS to the appropriate analog instrumentation without additional ITA complexity. VDATS Digital Analog (DA-2) is the standard DA-1 configuration with additional Hybrid/Digital pins. VDATS Radio Frequency (RF-1) is used to test systems with RF requirements and will work with either DA configuration. The RF-1 is not stand-alone.</p> <p>Advanced Radar/Electronic Warfare Test Station (ARTS) The 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 REW LRUs, and ultimately impacts B-1 mission capability for Global Attack missions. The 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 67%.</p> <p>Stores System Tester - Intermediate (SSTI) (F-22 AME) The SSTI replaces the Stores Release Equipment tester and directly impacts the Air Force's ability to safely load, carry, and launch weapons on the combat aircraft. The current tester accomplishes intermediate level testing of combat Alternate Mission Equipment (AME), which includes aircraft launchers, pylons, bomb racks, gun pods, and associated relays/adapters. The tester performs AME functional and fault isolation tests. Tester shortages are creating severe limitations on mission accomplishment. Procurement of existing testers is not an option due to diminishing manufacturing sources (DMS). Procurement of the SSTI fills the existing tester shortages and precludes further DMS complications.</p> <p>Stores Management Test Set Program (SMTSP)</p>		

# UNCLASSIFIED

Exhibit P-40, Budget Item Justification Sheet: PB Amended 2014 Air Force		Date: May 2013
Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 07: Aircraft Supt Equipment & Facilities / BSA 1: Common Support Equipment		P-1 Line Item Nomenclature: 000071 - Aircraft Replacement Support Equip
ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:
MDAP/MAIS Code(s): F-15 C/D/E aircraft weapons delivery systems are currently supported by a series of Armament Testers. Various configurations of these testers (A/E24T-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.  Large Air Conditioner The Large Flight-Line Air Conditioner replacement program will procure a trailer-mounted, diesel powered, deployable air conditioner. Its purpose is to provide conditioned air for supporting pre-flight activities and ground maintenance efforts for heavy electronics laden weapon systems including, but not limited to: B-1B, C-32, E-3, E-8C, and RC-135. The Large Flight-Line Air Conditioner program will replace three legacy systems: ACE-802, PD-501 (in certain applications) and DAC-110. These legacy systems represent the majority of the Air Force inventory of large flight line air conditioners (400ea). Operational assessments determined that legacy air conditioners were not performing to their specified operating temperatures. These air conditioners are approaching the eighteenth year of a twenty year life expectancy. The age of this equipment, high temperatures, and other environmental conditions in the Middle East have caused legacy air conditioners to fail, affecting operational readiness and jeopardizing critical missions. Modifications to legacy equipment have been implemented; however, these modifications introduced water into the system that caused premature corrosion resulting in unit failures. Lack of dependable air conditioning equipment continues to cause operational impacts such as rescheduling maintenance activities to nighttime operations or delaying sorties in order to avoid overheating of critical electronic warfare/avionics systems and personnel. Consequently, the warfighter has established a critical need for a Large Flight-Line Air Conditioner replacement program.  Rackmount Improved Avionics Intermediate Shop (R-IAIS) 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 eight (8) pallet positions to move whereas the R-IAIS test station requires only one (1) pallet position to move. The AdC AIS test station is 24 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.  Legacy Test Program Set Re-Host (TPS) Legacy TPS Re-host is a structured program required to transfer workload from unsustainable automatic test systems to DoD approved families of tester such as the Air Force's Versatile Depot Automatic Test System (VDATS). Its specific purpose is to translate existing antiquated TPS software languages used in archaic legacy test systems to the sustainable commercial standard open architecture language used in VDATS, American Standard Institute for C programming language. This is necessary as the average age of today's Automatic Test Systems (ATS) is 25 years and the weapon systems supported continue to extend service life in order to satisfy the Air Force mission in the face of diminishing resources. Test program sets are comprised of a test software package, interface cable assemblies (including the interface test adapter) used to connect the Unit Under Test (UUT) to the ATS platform being used to conduct the diagnostic/repair activity. Legacy TPS is a cost of maintaining existing repair capabilities and is a cost that must be borne whether existing stations are modernized or replaced. TPS reprogramming is vitally important to maintaining mission essential repair capabilities in support of weapon system service life extension programs for the entire fleet of fighters, bombers, airlift and special mission aircraft, missile systems and command, control and communication systems used throughout the Air Force and the Department of Defense.  F-15 Secondary Power Source Test Set (SPSTS) The SPSTS fault isolates the Landing Gear, Secondary Power, and Engine Starting System on every configuration of the F-15 aircraft. The SPSTS is used when landing gear extension/retraction problems or Engine Starting System problems are reported. The SPSTS will replace a legacy system that has been determined by the F-15 SPO as unsupportable. The current legacy Secondary Power Source Test Sets are obsolete and unsupportable. Legacy test systems require extensive use of technical orders to ensure the correct indicators are verified in the proper sequence. Fault information is limited to an indicator number or gauge reading. The tester requires periodic adjustments to ensure gauges and indicators read properly. The replacement Secondary Power Source Test Set provides clear concise menus on a Remote Control Unit (RCU) which is sunlight readable and backlit for use at night. This display method provides the operator with actual value measurement; identifies signal name, high/low limits, connector reference designation, pin upon test sequence failure, and remedy information to simplify troubleshooting and diagnostic steps. In addition to Fault Isolation upgrades, the replacement Secondary Power Source Test Set provides improved capabilities in the areas of Landing Gear Test, Secondary Power System Static Test, Dynamic Test (Engine Runs), Jet Fuel Starter (JFS) Igniter Fault Isolation (FI) Test, and Jet Fuel Starter (JFS) Fuel Flow Valve Fault Isolation (FI) Test. Procurement of the replacement Secondary Power Source Test Set is critical to maintaining F-15 mission capability. Current legacy systems are exhibiting increased failure due to age and inadequate repair sources. New testers are critical to replacing the legacy systems.		

**UNCLASSIFIED**

<b>Exhibit P-40, Budget Item Justification Sheet:</b> PB Amended 2014 Air Force		<b>Date:</b> May 2013
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F: Aircraft Procurement, Air Force / BA 07: Aircraft Supt Equipment & Facilities / BSA 1: Common Support Equipment		<b>P-1 Line Item Nomenclature:</b> 000071 - Aircraft Replacement Support Equip
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A	<b>Program Elements for Code B Items:</b>	<b>Other Related Program Elements:</b>
<b>MDAP/MAIS Code(s):</b>		

Common Munitions Built-In Test Reprogramming Equipment (CMBRE)  
The CMBRE system provides a common piece of portable support equipment designed to interface with MIL-STD-1760 compatible munitions currently in the inventory or under development. It provides the capability to utilize the munitions MIL-STD-1760 interface to initiate the munitions BIT, provide BIT status, upload/download and verify applicable software, which includes Operational Flight Programs (OFPs), mission planning and/or Global Positioning System (GPS) crypto keys. CMBRE is also used to perform the preflight of smart munitions and perform periodic maintenance checks on the munitions. CMBRE consists of a controller (computer), test adapter unit and an accessory kit. CMBRE was developed to service multiple existing munitions. The using commands for the CMBRE system are ACC, USAFE, PACAF, AFMC, AETC, AFRC, ANG, NAVY and, various FMS countries.

Aircraft Replacement Support Equipment Mods  
The MHU-196 and MHU-204 are Munitions Lift Trailers (MLT) that are Nuclear Certified, self-powered, heavy duty, U-type frame trailers with a 40,000 pound lift capacity. The MLTs are used for transporting conventional and nuclear munitions, rotary launchers, pylons, and adapters for loading/unloading them on B-1, B-2 and B-52 aircraft, necessary to accomplish the Air Force's strategic mission. There are 114 MHU-196 and 32 MHU-204 MLTs. The MHU-196 supports B-1 and B-52 aircraft. The MHU-204 is a later configuration developed for the B-2 aircraft and can also be used on the B-52. The MLTs have met and exceeded the original service life of 20 years, and this effort is to provide an additional 20 years of service. The users consist of AFGSC, ACC, AETC, and AFMC. These trailers are Field Level Repaired items.

Items Less Than \$5 Million  
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). Items for procurement included, but are not limited to, ammunition loaders, test adapter kits, common aircraft portable reprogramming equipment (CAPRE), transponder test sets, universal maintenance stands, 250kW motor generators, etc.

In accordance with Section 1815 of the FY 2008 National Defense Authorization Act (P.L. 110-181), this item is necessary for use by the active and reserve components of the Armed Forces for homeland defense missions, domestic emergency responses, and providing military support to civil authorities.

PEs associated with this P-1 line are: 0101113F, 01011126F, 0101235F, 0202834F, 0207130F, 0207133F, 0207138F, 0207597F, 0401119F, 0401897F, 0402834F, 0404011F, 0504332F, 0502844F, 0701212F, 0804731F, 0804741F, 0804744F, 0809731F.

Secondary Distribution		FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018
AF	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	112.861	52.495	47.484	6.000	53.484	8.000	8.000	8.000	8.144
AFNG	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	14.148	2.260	1.260	-	1.260	-	-	-	-
AFR	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	6.110	1.787	0.397	-	0.397	-	-	-	-



**UNCLASSIFIED**

Exhibit P-40, Budget Item Justification Sheet: PB Amended 2014 Air Force														Date: May 2013							
Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 07: Aircraft Supt Equipment & Facilities / BSA 1: Common Support Equipment											P-1 Line Item Nomenclature: 000071 - Aircraft Replacement Support Equip										
ID Code (A=Service Ready, B=Not Service Ready) : A						Program Elements for Code B Items:							Other Related Program Elements:								
MDAP/MAIS Code(s):																					
Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total			
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	
A/M32C-25 LARGE AIR CONDITIONER	P5, P5A			-			17.016			-			5.750			6.000			11.750		
ADVANCED DIGITAL TEST STATION	P40A			-			5.637			11.400			-			-			-		
ADVANCED REW TEST STATION (ARTS)	P5, P5A			-			13.108			5.500			3.171			-			3.171		
ADVANCED REW TEST STATION	P5			-			5.933			1.700			0.967			-			0.967		
1 - MHU-196/204 SLEP - Munitions Handling Units (MHU)-196/204 Service Life Extension Program (SLEP)	P3A			-			-			-			5.000			-			5.000		
Common Munitions Built- in Test Reprogramming Equipment (CMBRE)	P5			-			-			-			0.050			-			0.050		
F-15 Secondary Power Source Test Set (SPSTS)	P5, P5A			-			-			-			1.702			-			1.702		
IL \$5M (USM670 CORE TEST SET-CTS)	P40A, P5A			0.000			-			1.880			9.387			-			9.387		
ITEMS LESS THAN \$5 MILLION	P40A			0.000			7.373			7.000			10.225			-			10.225		
Legacy Test Program Set Rehost	P5			-			-			-			0.100			-			0.100		
Portable Automated Test Set	P40A, P5A			0.000			49.717			7.062			0.015			-			0.015		
RACKMOUNT IMPROVED AVIONICS INTERMEDIATE SHOP TEST STATION	P40A, P5A			0.000			9.500			-			-			-			-		
STORES MGMT TEST SET PROGRAM	P40A, P5A			0.000			-			-			0.411			-			0.411		
STORES SYSTEM TESTER - INTERMEDIATE (F-22 AME)	P5, P5A			0.000			-			1.900			4.620			-			4.620		
VERSAMODULE EXTENSIONS FOR INSTRUMENTATION IMPROVED AVIONICS INTERMEDIATE SHOP (VXI- IAIS)	P40A, P5A			-			12.722			7.800			-			-			-		
VERSATILE DEPOT AUTOMATIC TEST STATION (VDATS)	P5, P5A			0.000			12.113			12.300			7.742			-			7.742		

**UNCLASSIFIED**

Exhibit P-40, Budget Item Justification Sheet: PB Amended 2014 Air Force															Date: May 2013				
Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 07: Aircraft Supt Equipment & Facilities / BSA 1: Common Support Equipment										P-1 Line Item Nomenclature: 000071 - Aircraft Replacement Support Equip									

<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A					<b>Program Elements for Code B Items:</b>					<b>Other Related Program Elements:</b>									
---	--	--	--	--	---	--	--	--	--	--	--	--	--	--	--	--	--	--	--

**MDAP/MAIS Code(s):**

Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )
<b>Total Gross/Weapon System Cost</b>					0.000			133.119			56.542			49.140			6.000			55.140

Item Schedule		ID CD	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )
A/M32C-25 LARGE AIR CONDITIONER	P5, P5A				-			-			-			-			-			-
ADVANCED DIGITAL TEST STATION	P40A				-			-			-			-			-			-
ADVANCED REW TEST STATION (ARTS)	P5, P5A				-			-			-			-			-			-
ADVANCED REW TEST STATION	P5				-			-			-			-			-			-
1 - MHU-196/204 SLEP - Munitions Handling Units (MHU)-196/204 Service Life Extension Program (SLEP)	P3A				8.000			8.000			8.000			8.144			38.800			75.944
Common Munitions Built-in Test Reprogramming Equipment (CMBRE)	P5				-			-			-			-			-			-
F-15 Secondary Power Source Test Set (SPSTS)	P5, P5A				-			-			-			-			-			-
IL \$5M (USM670 CORE TEST SET-CTS)	P40A, P5A				-			-			-			-			-			-
ITEMS LESS THAN \$5 MILLION	P40A				-			-			-			-			-			-
Legacy Test Program Set Rehost	P5				-			-			-			-			-			-
Portable Automated Test Set	P40A, P5A				-			-			-			-			-			-
RACKMOUNT IMPROVED AVIONICS INTERMEDIATE SHOP TEST STATION	P40A, P5A				-			-			-			-			-			-
STORES MGMT TEST SET PROGRAM	P40A, P5A				-			-			-			-			-			-
STORES SYSTEM TESTER - INTERMEDIATE (F-22 AME)	P5, P5A				-			-			-			-			-			-

# UNCLASSIFIED

**Exhibit P-40, Budget Item Justification Sheet:** PB Amended 2014 Air Force **Date:** May 2013

**Appropriation / Budget Activity / Budget Sub Activity:**  
3010F: Aircraft Procurement, Air Force / BA 07: Aircraft Supt Equipment & Facilities / BSA 1: Common Support Equipment

**P-1 Line Item Nomenclature:**  
000071 - Aircraft Replacement Support Equip

**ID Code** (A=Service Ready, B=Not Service Ready) : A **Program Elements for Code B Items:** **Other Related Program Elements:**

**MDAP/MAIS Code(s):**

Item Schedule		ID CD	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )
VERSAMODULE EXTENSIONS FOR INSTRUMENTATION IMPROVED AVIONICS INTERMEDIATE SHOP (VXI-IAIS)	P40A, P5A				-			-			-			-			-			-
VERSATILE DEPOT AUTOMATIC TEST STATION (VDATS)	P5, P5A				-			-			-			-			-			-
<b>Total Gross/Weapon System Cost</b>					<b>31.003</b>			<b>43.027</b>			<b>40.441</b>			<b>42.485</b>			<b>-</b>			<b>401.757</b>

\*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.

Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.

## Justification:

FY14 procurement dollars in the amount of \$49.140M procures aircraft support equipment in support of installation and unit mission requirements for Air Force personnel.

FY14 OCO dollars in the amount of \$6.000M will procure 26 Large Commercial Air Conditioners and manuals.

Items requested in FY14 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-5, Cost Analysis:</b> PB Amended 2014 Air Force								<b>Date:</b> May 2013				
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F: Aircraft Procurement, Air Force / BA 07: Aircraft Supt Equipment & Facilities / BSA 1: Common Support Equipment				<b>P-1 Line Item Nomenclature:</b> 000071 - Aircraft Replacement Support Equip				<b>Item Nomenclature (Item Number - Item Name, DODIC):</b> A/M32C-25 LARGE AIR CONDITIONER				

Resource Summary	Prior Years	FY 2012	FY 2013 <sup>#</sup>	FY 2014 Base	FY 2014 OCO <sup>##</sup>	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	-	17.016	-	5.750	6.000	11.750	-	-	-	-	-	-
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) ( <i>\$ in Millions</i> )	-	17.016	-	5.750	6.000	11.750	-	-	-	-	-	-
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	-	<b>17.016</b>	-	<b>5.750</b>	<b>6.000</b>	<b>11.750</b>	-	-	-	-	-	-

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>Units in Dollars</i> )	-	-	-	-	-	-	-	-	-	-	-	-

<sup>#</sup> FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

<sup>##</sup> This Budget Amendment, which includes Base and OCO funding for FY 2014, replaces the FY 2014 Base Budget Request only submission of April 2013

Cost Elements († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
		Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)
Hardware Cost																			
Recurring Cost																			
† LARGE AIR CONDITIONER COMMERCIAL	A	-	-	-	226,878.00	75	17.016	-	-	-	228,947.37	5	1.145	230,769.23	26	6.000	230,483.87	31	7.145
† LARGE AIR CONDITIONER MIL-SPEC	A	-	-	-	-	-	-	-	-	-	275,000.00	2	0.550	-	-	-	275,000.00	2	0.550
<i>Total Recurring Cost</i>				-			17.016			-			1.695			6.000			7.695
<i>Total Hardware Cost</i>				-			17.016			-			1.695			6.000			7.695
Support Cost																			
First Article Testing		-	-	-	-	-	-	-	-	-	-	-	2.000	-	-	-	-	-	2.000
Data Rights		-	-	-	-	-	-	-	-	-	-	-	1.955	-	-	-	-	-	1.955
PMA		-	-	-	-	-	-	-	-	-	-	-	0.100	-	-	-	-	-	0.100
<i>Total Support Cost</i>				-			-			-			4.055			-			4.055
<b>Gross Weapon System Cost</b>				-			<b>17.016</b>			-			<b>5.750</b>			<b>6.000</b>			<b>11.750</b>

# UNCLASSIFIED

<b>Exhibit P-5, Cost Analysis:</b> PB Amended 2014 Air Force												<b>Date:</b> May 2013							
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F: Aircraft Procurement, Air Force / BA 07: Aircraft Supt Equipment & Facilities / BSA 1: Common Support Equipment								<b>P-1 Line Item Nomenclature:</b> 000071 - Aircraft Replacement Support Equip								<b>Item Nomenclature (Item Number - Item Name, DODIC):</b> A/M32C-25 LARGE AIR CONDITIONER			

Cost Elements († indicates the presence of a P-5A)	ID CD	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total Cost		
		Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)
Hardware Cost																			
Recurring Cost																			
† LARGE AIR CONDITIONER COMMERCIAL	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† LARGE AIR CONDITIONER MIL-SPEC	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Recurring Cost				-			-			-			-			-			-
Total Hardware Cost				-			-			-			-			-			-
Support Cost																			
First Article Testing		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Data Rights		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PMA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Support Cost				-			-			-			-			-			-
Gross Weapon System Cost				-			-			-			-			-			-

## P-5 Remarks:

Unit costs for FY14 are assumed and are subject to change.

In FY14 continued evaluations will be made to determine the best mix of commercial and Mil-Spec large air conditioners to maximize availability of air conditioners with funding provided. A contract vehicle will be available to procure additional commercial air conditioners as warranted by analysis and need.

The Mil-Spec large air conditioner acquisition will be accomplished via a Tradeoff Source Selection. For offerors who have an acceptable Small Business Participation (while still technically acceptable), a tradeoff will be made between past/present performance and cost/price. Initial contract award will be Fourth Quarter FY14/First Quarter FY15. The awardee will be required to provide two first articles during the basic period. Once the first articles have passed all testing requirements and the technical orders and provisioning have been completed, a low rate production option on the basic contract will be awarded for up to 40 units in Fourth Quarter FY16/First Quarter FY17. The remaining production quantities of up to 72 per year will be procured exercising the remaining five options on the contract. This will be a requirements contract, meaning that the quantity of air conditioners procured in each production option will be dependent on the amount of funding provided for that Fiscal Year.

## PMA Justification:

Purpose: As part of the contractual requirement, PMA will be used to support quarterly Program Management Reviews (PMRs) to discuss production schedules, as well as current programmatic/technical issues and impacts to the program. PMA will also be used to support all testing required to field a system. The program team is requesting travel funds to allow USAF representation to attend Preliminary Design Reviews, Critical Design Reviews, First Article Testing, Provisioning, Technical Order Verification and conduct technical/program interchange meetings.

## Impact if PMA not funded:

The USAF will not be able to meet the government's contractual requirement that could potentially delay fielding or result in fielding a substandard piece of equipment. If travel is not funded the Operational Safety, Suitability and Effectiveness will not have "government witness" and "inherent government responsibility" to prevent fraud waste and abuse. Provisioning is critical in sustaining a system. If parts are not provisioned correctly and sources identified failures of small normal replacement item will result in increased downtime. This will cause the warfighter to go directly to manufacture bypassing the defense supply system resulting in increased cost per item.

UNCLASSIFIED

Exhibit P-5, Cost Analysis: PB Amended 2014 Air Force							Date: May 2013			
Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 07: Aircraft Supt Equipment & Facilities / BSA 1: Common Support Equipment			P-1 Line Item Nomenclature: 000071 - Aircraft Replacement Support Equip				Item Nomenclature (Item Number - Item Name, DODIC): A/M32C-25 LARGE AIR CONDITIONER			
Secondary Distribution		FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018
AF	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	17.016	-	5.750	6.000	11.750	-	-	-	-

**UNCLASSIFIED**

Exhibit P-5A, Budget Procurement History and Planning: PB Amended 2014 Air Force									Date: May 2013			
Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 07: Aircraft Supt Equipment & Facilities / BSA 1: Common Support Equipment				P-1 Line Item Nomenclature: 000071 - Aircraft Replacement Support Equip					Item Nomenclature: A/M32C-25 LARGE AIR CONDITIONER			
Cost Elements	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
LARGE AIR CONDITIONER COMMERCIAL		2012	GSA/Aero Specialties / Boise, ID	MIPR	AFMC/ WR-ALC	Aug 2012	Feb 2013	75	226,878.00	Y		
LARGE AIR CONDITIONER COMMERCIAL		2014	GSA/ UNKNOWN / UNKNOWN	MIPR	AFMC/ WR-ALC	Jan 2014	Jul 2014	5	228,947.37	Y		
LARGE AIR CONDITIONER COMMERCIAL	✓	2014	GSA/ Aero Specialties / Boise, ID	MIPR	AFMC/ WR-ALC	Jan 2014	Jul 2014	26	230,769.23	Y		
LARGE AIR CONDITIONER MIL- SPEC		2014 <sup>(1)</sup>	UNKNOWN / UNKNOWN	C / FP	AFMC/ WR-ALC	Sep 2014	Jul 2016	2	275,000.00	Y		
Footnotes: <sup>(1)</sup> FY14 will be a seven (7) year requirement contract with a two (2) year basic ordering period and five one (1) year options. Estimated Award Date: September 2014. First Article Acceptance to be July 2016.												

**UNCLASSIFIED**

Exhibit P-40A, Budget Item Justification For Aggregated Items: PB Amended 2014 Air Force															Date: May 2013					
Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 07: Aircraft Supt Equipment & Facilities / BSA 1: Common Support Equipment								P-1 Line Item Nomenclature: 000071 - Aircraft Replacement Support Equip							Aggregated Item Name: ADVANCED DIGITAL TEST STATION					
Items	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )
Uncategorized																				
Test Program Sets (TPS)	A		-	-	-	805,285.71	7	5.637	950,000.00	12	11.400	-	-	-	-	-	-	-	-	-
Secondary Distribution																				
AF				-	-		7	5.637		12	11.400		-	-		-	-		-	-
Total					-			5.637			11.400			-			-			



UNCLASSIFIED

Exhibit P-40A, Budget Item Justification For Aggregated Items: PB Amended 2014 Air Force															Date: May 2013					
Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 07: Aircraft Supt Equipment & Facilities / BSA 1: Common Support Equipment						P-1 Line Item Nomenclature: 000071 - Aircraft Replacement Support Equip									Aggregated Item Name: ADVANCED DIGITAL TEST STATION					
Items	ID CD	MDAP/ MAIS Code	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total Cost		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )
Uncategorized																				
Test Program Sets (TPS)	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Secondary Distribution																				
AF				-	-		-	-		-	-		-	-						
Total					-			-			-			-			-		-	

**UNCLASSIFIED**

<b>Exhibit P-5, Cost Analysis:</b> PB Amended 2014 Air Force		<b>Date:</b> May 2013
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F: Aircraft Procurement, Air Force / BA 07: Aircraft Supt Equipment & Facilities / BSA 1: Common Support Equipment	<b>P-1 Line Item Nomenclature:</b> 000071 - Aircraft Replacement Support Equip	<b>Item Nomenclature (Item Number - Item Name, DODIC):</b> ADVANCED REW TEST STATION (ARTS)

Resource Summary	Prior Years	FY 2012	FY 2013 <sup>#</sup>	FY 2014 Base	FY 2014 OCO <sup>##</sup>	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	5	34	53	-	53	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	-	13.108	5.500	3.171	-	3.171	-	-	-	-	-	-
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) ( <i>\$ in Millions</i> )	-	13.108	5.500	3.171	-	3.171	-	-	-	-	-	-
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	-	<b>13.108</b>	<b>5.500</b>	<b>3.171</b>	-	<b>3.171</b>	-	-	-	-	-	-

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>Units in Dollars</i> )	-	2,622K	161,764.71	59,830.19	-	59,830.19	-	-	-	-	-	-

<sup>#</sup> FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

<sup>##</sup> This Budget Amendment, which includes Base and OCO funding for FY 2014, replaces the FY 2014 Base Budget Request only submission of April 2013

Cost Elements († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
		Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)
Hardware Cost																			
Recurring Cost																			
† Subtotal: ADVANCED REW TEST STATION (ARTS)	A	0.00	0	0.000	3,038K	2	6.076	-	34	-	-	53	-	-	-	-	-	53	-
† LRU TPS	A	-	-	-	2,344K	3	7.032	1,000K	4	4.000	322,167.00	6	1.933	-	-	-	322,167.00	6	1.933
† ITA COPIES	A	-	-	-	-	-	-	50,000.00	30	1.500	26,336.00	47	1.238	-	-	-	26,336.00	47	1.238
Total Recurring Cost				0.000			13.108			5.500			3.171			-			3.171
Total Hardware Cost				0.000			13.108			5.500			3.171			-			3.171
Gross Weapon System Cost				-			13.108			5.500			3.171			-			3.171

Cost Elements († indicates the presence of a P-5A)	ID CD	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total Cost		
		Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)
Hardware Cost																			
Recurring Cost																			
† Subtotal: ADVANCED REW	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**UNCLASSIFIED**

<b>Exhibit P-5, Cost Analysis:</b> PB Amended 2014 Air Force															<b>Date:</b> May 2013				
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F: Aircraft Procurement, Air Force / BA 07: Aircraft Supt Equipment & Facilities / BSA 1: Common Support Equipment								<b>P-1 Line Item Nomenclature:</b> 000071 - Aircraft Replacement Support Equip							<b>Item Nomenclature</b> ( <i>Item Number - Item Name, DODIC</i> ): ADVANCED REW TEST STATION (ARTS)				

Cost Elements († indicates the presence of a P-5A)	ID CD	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total Cost		
		Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)
TEST STATION (ARTS)																			
† LRU TPS	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† ITA COPIES	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Recurring Cost				-			-			-			-			-			-
Total Hardware Cost				-			-			-			-			-			-
Gross Weapon System Cost				-			-			-			-			-			-

**P-5 Remarks:**

Unit costs for FY14 are assumed and are subject to change.

Secondary Distribution		FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018
AF	Quantity	4	34	53	-	53	-	-	-	-
	Total Obligation Authority	10.070	5.500	3.171	-	3.171	-	-	-	-
AFNG	Quantity	1	-	-	-	-	-	-	-	-
	Total Obligation Authority	3.038	-	-	-	-	-	-	-	-

**UNCLASSIFIED**

Exhibit P-5A, Budget Procurement History and Planning: PB Amended 2014 Air Force									Date: May 2013			
Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 07: Aircraft Supt Equipment & Facilities / BSA 1: Common Support Equipment				P-1 Line Item Nomenclature: 000071 - Aircraft Replacement Support Equip					Item Nomenclature: ADVANCED REW TEST STATION (ARTS)			
Cost Elements	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
Subtotal: ADVANCED REW TEST STATION (ARTS)		2012	AAI Corporation / Hunt Valley, MD	C / FFP	AFMC/ WR-ALC	Jul 2012	Dec 2014	2	3,038K	Y		Nov 2011
LRU TPS		2012	AAI Corporation / Hunt Valley, MD	C / FFP	AFMC/ WR-ALC	Jul 2012	Dec 2014	3	2,344K	Y		Nov 2011
LRU TPS		2013	AAI Corporation / Hunt Valley, MD	C / FFP	AFMC/ WR-ALC	Jul 2013	Jul 2015	4	1,000K	Y		Nov 2011
LRU TPS		2014	AAI Corporation / Hunt Valley, MD	C / FFP	AFMC/ WR-ALC	Jul 2014	Jul 2016	6	322,167.00	Y		Nov 2011
ITA COPIES		2013	AAI Corporation / Hunt Valley, MD	C / FFP	AFMC/ WR-ALC	Jul 2013	Jul 2015	30	50,000.00	Y		Nov 2011
ITA COPIES		2014	AAI Corporation / Hunt Valley, MD	C / FFP	AFMC/ WR-ALC	Jul 2014	Jul 2016	47	26,336.00	Y		Nov 2011
Remarks: FY11 funding (\$7.809M) was realigned with the Advanced Digital Test Station (ADTS) program in exchange for ADTS FY12 funding (\$7.809M). The program received Acquisition Strategy and Milestone C approval in Nov 2011. The Request for Proposals (RFP) was released on 30 Nov 2011 and the contract was awarded in July 2012. Basic Contract FA8533-12-D-0006, awarded 12 Jul 12. Basic Contract period is 24 months. FY14 requirement will be awarded within 24 months of the Basic Contract. Option I. Effective twenty-four months after contract award through a period of seventy-two months after contract award date. Option I may be exercised on or before the last effective date of the Basic Contract Period. Year 1: from beginning of Option period through twelve months (months 24-36) Year 2: from end of first year through twelve months (months 36-48) Year 3: from end of second year through twelve months (months 48-60) Year 4: from end of third year through twelve months (months 60-72)												

**UNCLASSIFIED**

Exhibit P-5, Cost Analysis: PB Amended 2014 Air Force										Date: May 2013									
Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 07: Aircraft Supt Equipment & Facilities / BSA 1: Common Support Equipment				P-1 Line Item Nomenclature: 000071 - Aircraft Replacement Support Equip						Item Nomenclature (Item Number - Item Name, DODIC): ADVANCED REW TEST STATION									
Resource Summary		Prior Years	FY 2012	FY 2013 <sup>#</sup>	FY 2014 Base	FY 2014 OCO <sup>##</sup>	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total						
Procurement Quantity (Units in Each)		-	-	-	-	-	-	-	-	-	-	-	-						
Gross/Weapon System Cost (\$ in Millions)		-	5.933	1.700	0.967	-	0.967	-	-	-	-	-	-						
Less PY Advance Procurement (\$ in Millions)		-	-	-	-	-	-	-	-	-	-	-	-						
Net Procurement (P1) (\$ in Millions)		-	5.933	1.700	0.967	-	0.967	-	-	-	-	-	-						
Plus CY Advance Procurement (\$ in Millions)		-	-	-	-	-	-	-	-	-	-	-	-						
Total Obligation Authority (\$ in Millions)		-	5.933	1.700	0.967	-	0.967	-	-	-	-	-	-						
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)																			
Initial Spares (\$ in Millions)		-	-	-	-	-	-	-	-	-	-	-	-						
Gross/Weapon System Unit Cost (Units in Dollars)		-	-	-	-	-	-	-	-	-	-	-	-						
# FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012																			
## This Budget Amendment, which includes Base and OCO funding for FY 2014, replaces the FY 2014 Base Budget Request only submission of April 2013																			
Cost Elements († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
		Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)
Support Cost																			
DATA		-	-	-	-	-	3.200	-	-	1.700	-	-	0.267	-	-	-	-	-	0.267
IV&V		-	-	-	-	-	2.733	-	-	-	-	-	0.700	-	-	-	-	-	0.700
Total Support Cost				-			5.933			1.700			0.967			-			0.967
Gross Weapon System Cost				-			5.933			1.700			0.967			-			0.967
Cost Elements († indicates the presence of a P-5A)	ID CD	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total Cost		
		Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)
Support Cost																			
DATA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IV&V		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Support Cost				-			-			-			-			-			-
Gross Weapon System Cost				-			-			-			-			-			-
P-5 Remarks: Unit costs for FY14 are assumed and are subject to change.																			

UNCLASSIFIED

Exhibit P-5, Cost Analysis: PB Amended 2014 Air Force							Date: May 2013			
Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 07: Aircraft Supt Equipment & Facilities / BSA 1: Common Support Equipment			P-1 Line Item Nomenclature: 000071 - Aircraft Replacement Support Equip				Item Nomenclature (Item Number - Item Name, DODIC): ADVANCED REW TEST STATION			
Secondary Distribution		FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018
AF	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	5.933	1.700	0.967	-	0.967	-	-	-	-

**UNCLASSIFIED**

<b>Exhibit P-3A, Individual Modification:</b> PB Amended 2014 Air Force										<b>Date:</b> May 2013		
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F: Aircraft Procurement, Air Force / BA 07: Aircraft Supt Equipment & Facilities / BSA 1: Common Support Equipment				<b>P-1 Line Item Nomenclature:</b> 000071 - Aircraft Replacement Support Equip						<b>Modification Nomenclature</b> ( <i>Modification Number - Modification Title</i> ): 1 - MHU-196/204 SLEP - Munitions Handling Units (MHU)-196/204 Service Life Extension Program (SLEP)		
<b>Models of Systems Affected:</b> MHU-196/204				<b>Type Modification:</b> Service Life Extension				<b>Related RDT&amp;E PEs:</b>				
<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2012</b>	<b>FY 2013<sup>#</sup></b>	<b>FY 2014 Base</b>	<b>FY 2014 OCO<sup>##</sup></b>	<b>FY 2014 Total</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>To Complete</b>	<b>Total</b>
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	-	-	-	5.000	-	5.000	8.000	8.000	8.000	8.144	38.800	75.944
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) ( <i>\$ in Millions</i> )	-	-	-	5.000	-	5.000	8.000	8.000	8.000	8.144	38.800	75.944
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	-	-	-	<b>5.000</b>	-	<b>5.000</b>	<b>8.000</b>	<b>8.000</b>	<b>8.000</b>	<b>8.144</b>	<b>38.800</b>	<b>75.944</b>
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>Units in Dollars</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<p><sup>#</sup> FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012</p> <p><sup>##</sup> This Budget Amendment, which includes Base and OCO funding for FY 2014, replaces the FY 2014 Base Budget Request only submission of April 2013</p> <p><b>Description:</b></p> <p>The MHU-196 and MHU-204 are Munitions Lift Trailers (MLT) that are Nuclear Certified, self-powered, heavy duty, U-type frame trailers with a 40,000 pound lift capacity. The MLTs are used for transporting conventional and nuclear munitions, rotary launchers, pylons, and adapters for loading/unloading them on B-1, B-2 and B-52 aircraft, necessary to accomplish the Air Force's strategic mission. The SLEP production will consist of replacing the entire electrical system and upgrading obsolescent hydraulic and pneumatic parts, equating to roughly 137 parts per trailer for the entire fleet of 146 MLTs. The modification will eliminate un-commanded movements and replace identified obsolescence issues that cause extended downtime. The operational requirement document (ORD) is a modification proposal, AF IMT 1067, and validates the modification.</p> <p>Procurement funding reflects acquisition for 146 MLTs to be modified. Two units are included in the budget year leaving 144 units to be procured in the subsequent years.</p> <p>This is a FY14 new start.</p> <p> Milestone/Development Status</p> <p>Studies have been accomplished providing necessary technical data to extend the service life of the fleet to meet mission needs. These studies addressed obsolescence and component level repair and sustainment issues.</p>												

**UNCLASSIFIED**

Exhibit P-3A, Individual Modification: PB Amended 2014 Air Force									Date: May 2013			
Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 07: Aircraft Supt Equipment & Facilities / BSA 1: Common Support Equipment				P-1 Line Item Nomenclature: 000071 - Aircraft Replacement Support Equip					Modification Nomenclature (Modification Number - Modification Title): 1 - MHU-196/204 SLEP - Munitions Handling Units (MHU)-196/204 Service Life Extension Program (SLEP)			
Models of Systems Affected: MHU-196/204			Type Modification: Service Life Extension					Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
MHU-196/204 SLEP - Munitions Handling Units (MHU)-196/204 Service Life Extension Program (SLEP)												
A Kits												
Recurring												
INSTALL KITS Group A (Active)	0 / 0.000	- / -	- / -	2 / 0.050	- / -	2 / 0.050	6 / 0.150	18 / 0.450	18 / 0.450	18 / 0.450	84 / 2.100	146 / 3.650
Subtotal Recurring	0 / 0.000	- / -	- / -	2 / 0.050	- / -	2 / 0.050	6 / 0.150	18 / 0.450	18 / 0.450	18 / 0.450	84 / 2.100	146 / 3.650
B Kits												
Recurring												
EQUIPMENT Group B (Active)	0 / 0.000	- / -	- / -	2 / 0.400	- / -	2 / 0.400	6 / 1.200	18 / 3.600	18 / 3.600	18 / 3.600	84 / 16.800	146 / 29.200
Subtotal Recurring	0 / 0.000	- / -	- / -	2 / 0.400	- / -	2 / 0.400	6 / 1.200	18 / 3.600	18 / 3.600	18 / 3.600	84 / 16.800	146 / 29.200
Secondary Distribution												
AF	0 / 0.000	- / -	- / -	2 / 3.100	- / -	2 / 3.100	6 / 2.300	18 / 4.450	18 / 4.450	18 / 4.544	- / -	- / -
Total, MHU-196/204 SLEP - Munitions Handling Units (MHU)-196/204 Service Life Extension Program (SLEP)	0 / 0.000	- / -	- / -	2 / 0.450	- / -	2 / 0.450	6 / 1.350	18 / 4.050	18 / 4.050	18 / 4.050	84 / 18.900	146 / 32.850
Total Procurement, All Modifications	0 / 0.000	- / -	- / -	2 / 0.450	- / -	2 / 0.450	6 / 1.350	18 / 4.050	18 / 4.050	18 / 4.050	84 / 18.900	146 / 32.850
Support												
CHANGE ORDERS	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.200	- / 0.200	- / 0.200	- / 1.000	- / 1.600
SUPPORT- EQUIP	0 / 0.000	- / -	- / -	- / 1.700	- / -	- / 1.700	- / -	- / -	- / -	- / -	- / -	- / 1.700
Depot Stand-up	0 / 0.000	- / -	- / -	- / 0.700	- / -	- / 0.700	- / -	- / -	- / -	- / -	- / -	- / 0.700
FLIGHT TEST	0 / 0.000	- / -	- / -	- / 0.100	- / -	- / 0.100	- / 0.780	- / 0.180	- / 0.180	- / 0.180	- / 0.900	- / 2.320
PMA	0 / 0.000	- / -	- / -	- / 0.100	- / -	- / 0.100	- / 0.160	- / 0.010	- / 0.010	- / 0.100	- / 0.050	- / 0.430
OTHER GOVT	0 / 0.000	- / -	- / -	- / 0.050	- / -	- / 0.050	- / 0.010	- / 0.010	- / 0.010	- / 0.014	- / 0.050	- / 0.144
Total Support, All Modifications	0.000	-	-	2.650	-	2.650	0.950	0.400	0.400	0.494	2.000	6.894
Total Procurement and Support	0.000	-	-	3.100	-	3.100	2.300	4.450	4.450	4.544	20.900	39.744
MHU-196/204 SLEP - Munitions Handling Units (MHU)-196/204 Service Life Extension Program (SLEP) Installation Cost	0 / 0.000	- / -	- / -	2 / 1.900	- / -	2 / 1.900	6 / 5.700	18 / 3.550	18 / 3.550	18 / 3.600	84 / 17.900	146 / 36.200
Total Installation Cost	0 / 0.000	- / -	- / -	2 / 1.900	- / -	2 / 1.900	6 / 5.700	18 / 3.550	18 / 3.550	18 / 3.600	84 / 17.900	146 / 36.200
Total Cost (Procurement + Support + Installation)	0.000	-	-	5.000	-	5.000	8.000	8.000	8.000	8.144	38.800	75.944



UNCLASSIFIED

<b>Exhibit P-3A, Individual Modification:</b> PB Amended 2014 Air Force		<b>Date:</b> May 2013
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F: Aircraft Procurement, Air Force / BA 07: Aircraft Supt Equipment & Facilities / BSA 1: Common Support Equipment	<b>P-1 Line Item Nomenclature:</b> 000071 - Aircraft Replacement Support Equip	<b>Modification Nomenclature</b> <i>(Modification Number - Modification Title):</i> 1 - MHU-196/204 SLEP - Munitions Handling Units (MHU)-196/204 Service Life Extension Program (SLEP)
<b>Models of Systems Affected:</b> MHU-196/204	<b>Type Modification:</b> Service Life Extension	<b>Related RDT&amp;E PEs:</b>

**UNCLASSIFIED**

<b>Exhibit P-3A, Individual Modification:</b> PB Amended 2014 Air Force								<b>Date:</b> May 2013				
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F: Aircraft Procurement, Air Force / BA 07: Aircraft Supt Equipment & Facilities / BSA 1: Common Support Equipment				<b>P-1 Line Item Nomenclature:</b> 000071 - Aircraft Replacement Support Equip				<b>Modification Nomenclature</b> ( <i>Modification Number - Modification Title</i> ): 1 - MHU-196/204 SLEP - Munitions Handling Units (MHU)-196/204 Service Life Extension Program (SLEP)				
<b>Models of Systems Affected:</b> MHU-196/204			<b>Type Modification:</b> Service Life Extension				<b>Related RDT&amp;E PEs:</b>					
<b>Manufacturer Information:</b> MHU-196/204 SLEP - Munitions Handling Units (MHU)-196/204 Service Life Extension Program (SLEP)												
Manufacturer Name: Depot/ALC						Manufacturer Location: Hill AFB, Utah						
Administrative Leadtime ( <i>in Months</i> ): 6						Production Leadtime ( <i>in Months</i> ): 5						
<b>Dates</b>	<b>FY 2012</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>					
Contract Dates			Mar 2014	Jan 2015	Jan 2016	Jan 2017	Jan 2018					
Delivery Dates			Sep 2014	Jun 2015	Jun 2016	Jun 2017	Jun 2018					
<b>Installation:</b> MHU-196/204 SLEP - Munitions Handling Units (MHU)-196/204 Service Life Extension Program (SLEP)			<b>Method of Implementation:</b> Depot					<b>Installation Name:</b>				
	<b>Prior Years</b>	<b>FY 2012</b>	<b>FY 2013</b>	<b>FY 2014 Base</b>	<b>FY 2014 OCO</b>	<b>FY 2014 Total</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>To Complete</b>	<b>Total</b>
<b>Installation Cost</b>	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )
All Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	2 / 1.900	- / -	2 / 1.900	- / -	- / -	- / -	- / -	- / -	2 / 1.900
Secondary Distribution - Air Force Active	- / -	- / -	- / -	2 / 1.900	- / -	2 / 1.900	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	6 / 5.700	- / -	- / -	- / -	- / -	6 / 5.700
Secondary Distribution - Air Force Active	- / -	- / -	- / -	- / -	- / -	- / -	6 / 5.700	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	18 / 3.550	- / -	- / -	- / -	18 / 3.550
Secondary Distribution - Air Force Active	- / -	- / -	- / -	- / -	- / -	- / -	- / -	18 / 3.550	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	18 / 3.550	- / -	- / -	18 / 3.550
Secondary Distribution - Air Force Active	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	18 / 3.550	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	18 / 3.600	- / -	18 / 3.600
Secondary Distribution - Air Force Active	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	18 / 3.600	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	84 / 17.900	84 / 17.900
Secondary Distribution - Air Force Active	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	- / -	- / -	- / -	2 / 1.900	- / -	2 / 1.900	6 / 5.700	18 / 3.550	18 / 3.550	18 / 3.600	84 / 17.900	146 / 36.200
Secondary Distribution - Air Force Active	- / -	- / -	- / -	2 / 1.900	- / -	2 / 1.900	6 / 5.700	18 / 3.550	18 / 3.550	18 / 3.600	- / -	- / -

**UNCLASSIFIED**

<b>Exhibit P-3A, Individual Modification:</b> PB Amended 2014 Air Force																							<b>Date:</b> May 2013								
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F: Aircraft Procurement, Air Force / BA 07: Aircraft Supt Equipment & Facilities / BSA 1: Common Support Equipment										<b>P-1 Line Item Nomenclature:</b> 000071 - Aircraft Replacement Support Equip										<b>Modification Nomenclature</b> ( <i>Modification Number - Modification Title</i> ): 1 - MHU-196/204 SLEP - Munitions Handling Units (MHU)-196/204 Service Life Extension Program (SLEP)											
<b>Models of Systems Affected:</b> MHU-196/204										<b>Type Modification:</b> Service Life Extension										<b>Related RDT&amp;E PEs:</b>											
<b>Installation:</b> MHU-196/204 SLEP - Munitions Handling Units (MHU)-196/204 Service Life Extension Program (SLEP)										<b>Method of Implementation:</b> Depot										<b>Installation Name:</b>											
<b>Installation Schedule</b>																															
	<b>APY</b>	<b>FY 2012</b>				<b>FY 2013</b>				<b>FY 2014</b>				<b>FY 2015</b>				<b>FY 2016</b>				<b>FY 2017</b>				<b>FY 2018</b>					
		<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>TC</b>	<b>Tot</b>
In	0	-	-	-	-	-	-	-	-	2	-	-	-	1	1	2	2	4	4	5	5	4	4	5	5	4	4	5	5	84	146
Out	0	-	-	-	-	-	-	-	-	-	-	-	2	-	-	1	1	2	2	4	4	5	5	4	4	5	5	4	4	94	146

**UNCLASSIFIED**

<b>Exhibit P-5, Cost Analysis:</b> PB Amended 2014 Air Force								<b>Date:</b> May 2013				
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F: Aircraft Procurement, Air Force / BA 07: Aircraft Supt Equipment & Facilities / BSA 1: Common Support Equipment				<b>P-1 Line Item Nomenclature:</b> 000071 - Aircraft Replacement Support Equip					<b>Item Nomenclature (Item Number - Item Name, DODIC):</b> Common Munitions Built-in Test Reprogramming Equipment (CMBRE)			

Resource Summary	Prior Years	FY 2012	FY 2013 <sup>#</sup>	FY 2014 Base	FY 2014 OCO <sup>##</sup>	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	-	-	-	0.050	-	0.050	-	-	-	-	-	-
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) ( <i>\$ in Millions</i> )	-	-	-	0.050	-	0.050	-	-	-	-	-	-
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	-	-	-	<b>0.050</b>	-	<b>0.050</b>	-	-	-	-	-	-

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>Units in Dollars</i> )	-	-	-	-	-	-	-	-	-	-	-	-

<sup>#</sup> FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

<sup>##</sup> This Budget Amendment, which includes Base and OCO funding for FY 2014, replaces the FY 2014 Base Budget Request only submission of April 2013

Cost Elements († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
		Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)
Support Cost																			
PMA		-	-	-	-	-	-	-	-	-	-	-	0.025	-	-	-	-	-	0.025
Technical Data		-	-	-	-	-	-	-	-	-	-	-	0.025	-	-	-	-	-	0.025
<i>Total Support Cost</i>				-			-			-			0.050			-			0.050
<b>Gross Weapon System Cost</b>				-			-			-			0.050			-			0.050

Cost Elements († indicates the presence of a P-5A)	ID CD	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total Cost		
		Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)
Support Cost																			
PMA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Technical Data		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>				-			-			-			-			-			-
<b>Gross Weapon System Cost</b>				-			-			-			-			-			-

**P-5 Remarks:**

FY14 PMA dollars are for CMBRE IPT upcoming travel duty.

UNCLASSIFIED

Exhibit P-5, Cost Analysis: PB Amended 2014 Air Force							Date: May 2013			
Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 07: Aircraft Supt Equipment & Facilities / BSA 1: Common Support Equipment				P-1 Line Item Nomenclature: 000071 - Aircraft Replacement Support Equip			Item Nomenclature (Item Number - Item Name, DODIC): Common Munitions Built-in Test Reprogramming Equipment (CMBRE)			
Secondary Distribution		FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018
AF	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	-	-	0.050	-	0.050	-	-	-	-

**UNCLASSIFIED**

<b>Exhibit P-5, Cost Analysis:</b> PB Amended 2014 Air Force										<b>Date:</b> May 2013		
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F: Aircraft Procurement, Air Force / BA 07: Aircraft Supt Equipment & Facilities / BSA 1: Common Support Equipment					<b>P-1 Line Item Nomenclature:</b> 000071 - Aircraft Replacement Support Equip					<b>Item Nomenclature (Item Number - Item Name, DODIC):</b> F-15 Secondary Power Source Test Set (SPSTS)		

Resource Summary	Prior Years	FY 2012	FY 2013 <sup>#</sup>	FY 2014 Base	FY 2014 OCO <sup>##</sup>	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	-	-	-	1.702	-	1.702	-	-	-	-	-	-
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) ( <i>\$ in Millions</i> )	-	-	-	1.702	-	1.702	-	-	-	-	-	-
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	-	-	-	<b>1.702</b>	-	<b>1.702</b>	-	-	-	-	-	-

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>Units in Dollars</i> )	-	-	-	-	-	-	-	-	-	-	-	-

<sup>#</sup> FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

<sup>##</sup> This Budget Amendment, which includes Base and OCO funding for FY 2014, replaces the FY 2014 Base Budget Request only submission of April 2013

Cost Elements († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
		Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)
Hardware Cost																			
Recurring Cost																			
† Secondary Power Source Test Set	A	0.00	0	0.000	-	-	-	-	-	-	402,000.00	2	0.804	-	-	-	402,000.00	2	0.804
Total Recurring Cost				0.000			-			-			0.804			-			0.804
Total Hardware Cost				0.000			-			-			0.804			-			0.804
Support Cost																			
ENGINEERING CHANGES		-	-	-	-	-	-	-	-	-	-	-	0.395	-	-	-	-	-	0.395
TECHNICAL DATA		-	-	-	-	-	-	-	-	-	-	-	0.395	-	-	-	-	-	0.395
PMA		-	-	-	-	-	-	-	-	-	-	-	0.108	-	-	-	-	-	0.108
Total Support Cost				-			-			-			0.898			-			0.898
Gross Weapon System Cost				-			-			-			1.702			-			1.702

Cost Elements († indicates the presence of a P-5A)	ID CD	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total Cost		
		Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)
Hardware Cost																			

**UNCLASSIFIED**

<b>Exhibit P-5, Cost Analysis:</b> PB Amended 2014 Air Force										<b>Date:</b> May 2013									
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F: Aircraft Procurement, Air Force / BA 07: Aircraft Supt Equipment & Facilities / BSA 1: Common Support Equipment					<b>P-1 Line Item Nomenclature:</b> 000071 - Aircraft Replacement Support Equip					<b>Item Nomenclature</b> ( <i>Item Number - Item Name, DODIC</i> ): F-15 Secondary Power Source Test Set (SPSTS)									

Cost Elements († indicates the presence of a P-5A)	ID CD	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total Cost		
		Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)
Recurring Cost																			
† Secondary Power Source Test Set	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Recurring Cost				-			-			-			-			-			-
Total Hardware Cost				-			-			-			-			-			-
Support Cost																			
ENGINEERING CHANGES		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TECHNICAL DATA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PMA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Support Cost				-			-			-			-			-			-
Gross Weapon System Cost				-			-			-			-			-			-

**P-5 Remarks:**

Unit Costs for FY14 are assumed and are subject to change.

FY14 PMA dollars are for SPSTS IPT upcoming travel duty.

Secondary Distribution		FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018
AF	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	-	-	1.300	-	1.300	-	-	-	-
AFNG	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	-	-	0.402	-	0.402	-	-	-	-

**UNCLASSIFIED**

Exhibit P-5A, Budget Procurement History and Planning: PB Amended 2014 Air Force										Date: May 2013		
Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 07: Aircraft Supt Equipment & Facilities / BSA 1: Common Support Equipment				P-1 Line Item Nomenclature: 000071 - Aircraft Replacement Support Equip					Item Nomenclature: F-15 Secondary Power Source Test Set (SPSTS)			
Cost Elements	OCO	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
Secondary Power Source Test Set		2014	BOEING / ST LOUIS, MO	SS / FFP	AFMC/WR-ALC	Jun 2014	Jun 2015	2	402,000.00	Y		Feb 2013



**UNCLASSIFIED**

Exhibit P-40A, Budget Item Justification For Aggregated Items: PB Amended 2014 Air Force															Date: May 2013					
Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 07: Aircraft Supt Equipment & Facilities / BSA 1: Common Support Equipment						P-1 Line Item Nomenclature: 000071 - Aircraft Replacement Support Equip									Aggregated Item Name: IL \$5M (USM670 CORE TEST SET-CTS)					
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Uncategorized																				
† USM670 CORE TEST SET (CTS)	A		0.00	0	0.000	-	-	-	470,000.00	4	1.880	-	-	-	-	-	-	-	-	-
Secondary Distribution																				
AF				-	-		-	-		2	0.940		-	-		-	-		-	-
AFR				-	-		-	-		2	0.940		-	-		-	-		-	-
† USM 670 CORE TEST SET KITS	A		0.00	0	0.000	-	-	-	-	-	-	49,665.00	188	9.337	-	-	-	49,665.00	188	9.337
Secondary Distribution																				
AF				-	-		-	-		-	-		170	8.443		-	-		170	8.443
AFR				-	-		-	-		-	-		8	0.397		-	-		8	0.397
AFNG				-	-		-	-		-	-		10	0.497		-	-		10	0.497
PMA Other Government Costs	A		-	-	-	-	-	-	-	-	-	-	-	0.050	-	-	-	-	-	0.050
Secondary Distribution																				
AF				-	-		-	-		-	-		-	0.050		-	-		-	0.050
Total					0.000			-			1.880			9.387			-			9.387

**UNCLASSIFIED**

<b>Exhibit P-40A, Budget Item Justification For Aggregated Items:</b> PB Amended 2014 Air Force																<b>Date:</b> May 2013					
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F: Aircraft Procurement, Air Force / BA 07: Aircraft Supt Equipment & Facilities / BSA 1: Common Support Equipment									<b>P-1 Line Item Nomenclature:</b> 000071 - Aircraft Replacement Support Equip							<b>Aggregated Item Name:</b> IL \$5M (USM670 CORE TEST SET-CTS)					

  

Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total Cost		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )
<b>Uncategorized</b>																				
† USM670 CORE TEST SET (CTS)	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Secondary Distribution</i>																				
AF				-	-		-	-		-	-		-	-						
AFR				-	-		-	-		-	-		-	-						
† USM 670 CORE TEST SET KITS	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Secondary Distribution</i>																				
AF				-	-		-	-		-	-		-	-						
AFR				-	-		-	-		-	-		-	-						
AFNG				-	-		-	-		-	-		-	-						
PMA Other Government Costs	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Secondary Distribution</i>																				
AF				-	-		-	-		-	-		-	-						
<b>Total</b>					-			-			-			-			-			-

**P-40A Remarks:**  
 Basic contract, FA8540-08-D-0002, w/4 option years awarded 17 Apr 08. FY14 unit cost are assumed and are subject to change. Contract will expire April 2013. Procuring kits in FY14 \$9,387,000 will be a new competitive contract.

FY14 PMA dollars are for JSECTS' IPT upcoming TDY trips.

**UNCLASSIFIED**

<b>Exhibit P-5A, Budget Procurement History and Planning:</b> PB Amended 2014 Air Force										<b>Date:</b> May 2013		
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F: Aircraft Procurement, Air Force / BA 07: Aircraft Supt Equipment & Facilities / BSA 1: Common Support Equipment				<b>P-1 Line Item Nomenclature:</b> 000071 - Aircraft Replacement Support Equip					<b>Aggregated Item Name:</b> IL \$5M (USM670 CORE TEST SET-CTS)			
<b>Items</b>	<b>O C O</b>	<b>FY</b>	<b>Contractor and Location</b>	<b>Method/Type, or Funding Vehicle</b>	<b>Location of PCO</b>	<b>Award Date</b>	<b>Date of First Delivery</b>	<b>Qty (Each)</b>	<b>Unit Cost (\$)</b>	<b>Specs Avail Now?</b>	<b>Date Revsn Avail</b>	<b>RFP Issue Date</b>
<b>Uncategorized</b>												
USM670 CORE TEST SET (CTS)		2013	AAI CORP / HUNT VALLEY, MD	C / FFP	AFMC/ WR-ALC	Jan 2013	Jun 2014	4	470,000.00	Y		
USM 670 CORE TEST SET KITS		2014	UNKNOWN / UNKNOWN	C / FFP	AFMC/ WR-ALC	Dec 2013	Dec 2014	188	49,665.00	Y		
<b>Remarks:</b> Basic contract FA8540-08-D-0002 will expire April 2013.												

**UNCLASSIFIED**

Exhibit P-40A, Budget Item Justification For Aggregated Items: PB Amended 2014 Air Force																Date: May 2013					
Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 07: Aircraft Supt Equipment & Facilities / BSA 1: Common Support Equipment									P-1 Line Item Nomenclature: 000071 - Aircraft Replacement Support Equip							Aggregated Item Name: ITEMS LESS THAN \$5 MILLION					
Items	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total			
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	
Uncategorized																					
30MM AMMUNITION LOADER GFU-7	A		-	-	-	-	-	-	3,178K	1	3.178	-	-	-	-	-	-	-	-	-	
Secondary Distribution																					
AF				-	-		-	-		1	3.178		-	-		-	-		-	-	
PMA OTHER GOVERNMENT COSTS (2)	A		-	-	-	-	-	-	-	-	-	-	-	0.076	-	-	-	-	-	0.076	
Secondary Distribution																					
AF				-	-		-	-		-	-		-	0.076		-	-		-	0.076	
TEST SET, TRANSPONDER	A		-	-	-	14,614.29	70	1.023	11,885.71	70	0.832	-	-	-	-	-	-	-	-	-	
Secondary Distribution																					
AF				-	-		70	1.023		70	0.832		-	-		-	-		-	-	
COMMON AIRCRAFT PORTABLE REPROGRAMMING EQUIPMENT (CAPRE)	A		-	-	-	-	-	1.045	-	-	1.045	-	-	0.020	-	-	-	-	-	0.020	
Secondary Distribution																					
AF				-	-		-	1.045		-	1.045		-	0.020		-	-		-	0.020	
FSC 1730 AIRCRAFT GROUND SERVICING EQUIPMENT	A		-	-	-	296,000.00	3	0.888	473,000.00	1	0.473	120,388.89	18	2.167	-	-	-	120,388.89	18	2.167	
Secondary Distribution																					
AF				-	-		3	0.888		1	0.473		18	2.167		-	-		18	2.167	
FSC 3950 WINCH, CRANE, HOIST, DERRICK	A		-	-	-	-	-	-	-	-	-	36,625.00	8	0.293	-	-	-	36,625.00	8	0.293	
Secondary Distribution																					
AF				-	-		-	-		-	-		8	0.293		-	-		8	0.293	
FSC 4120 AIR CONDITIONING EQUIPMENT	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
FSC 4920 AIRCRAFT MAINT SHOP SPECIALIZED EQP	A		-	-	-	237,846.15	13	3.092	280,500.00	2	0.561	157,750.00	12	1.893	-	-	-	157,750.00	12	1.893	
Secondary Distribution																					
AF				-	-		13	3.092		2	0.561		12	1.893		-	-		12	1.893	
FSC 5180 SETS, KITS, and OUTFITS OF HAND TOOLS	A		-	-	-	3,300.00	10	0.033	-	-	-	4,250.00	16	0.068	-	-	-	4,250.00	16	0.068	
Secondary Distribution																					

**UNCLASSIFIED**

<b>Exhibit P-40A, Budget Item Justification For Aggregated Items:</b> PB Amended 2014 Air Force																	<b>Date:</b> May 2013			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F: Aircraft Procurement, Air Force / BA 07: Aircraft Supt Equipment & Facilities / BSA 1: Common Support Equipment						<b>P-1 Line Item Nomenclature:</b> 000071 - Aircraft Replacement Support Equip											<b>Aggregated Item Name:</b> ITEMS LESS THAN \$5 MILLION			
Items	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )
AF				-	-		10	0.033		-	-		16	0.068		-	-		16	0.068
FSC 6115 GENERATORS AND GENERATOR SETS, ELECTRICAL	A		-	-	-	-	-	-	-	-	-	264,500.00	12	3.174	-	-	-	264,500.00	12	3.174
<i>Secondary Distribution</i>																				
AF				-	-		-	-		-	-		12	3.174		-	-		12	3.174
FSC 6125 CONVERTOR, ELECTRICAL, ROTATING	A		-	-	-	319,500.00	4	1.278	333,000.00	1	0.333	350,000.00	7	2.450	-	-	-	350,000.00	7	2.450
<i>Secondary Distribution</i>																				
AF				-	-		4	1.278		1	0.333		7	2.450		-	-		7	2.450
FSC 6625 ELECT and ELECTRONIC PROPERTIES INSTRUMENT	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FSC 6645 TIME MEASURING INSTRUMENTS	A		-	-	-	14,000.00	1	0.014	-	-	-	21,000.00	4	0.084	-	-	-	21,000.00	4	0.084
<i>Secondary Distribution</i>																				
AF				-	-		1	0.014		-	-		4	0.084		-	-		4	0.084
FSC 6650 OPTICAL INSTRUMENTS	A		-	-	-	-	-	-	578,000.00	1	0.578	-	-	-	-	-	-	-	-	-
<i>Secondary Distribution</i>																				
AF				-	-		-	-		1	0.578		-	-		-	-		-	-
<b>Total</b>					<b>0.000</b>			<b>7.373</b>			<b>7.000</b>			<b>10.225</b>			<b>-</b>			<b>10.225</b>

**UNCLASSIFIED**

Exhibit P-40A, Budget Item Justification For Aggregated Items: PB Amended 2014 Air Force															Date: May 2013					
Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 07: Aircraft Supt Equipment & Facilities / BSA 1: Common Support Equipment								P-1 Line Item Nomenclature: 000071 - Aircraft Replacement Support Equip							Aggregated Item Name: ITEMS LESS THAN \$5 MILLION					
Items	ID CD	MDAP/ MAIS Code	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total Cost		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Uncategorized																				
30MM AMMUNITION LOADER GFU-7	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Secondary Distribution																				
AF				-	-		-	-		-	-		-	-						
PMA OTHER GOVERNMENT COSTS (2)	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Secondary Distribution																				
AF				-	-		-	-		-	-		-	-						
TEST SET, TRANSPONDER	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Secondary Distribution																				
AF				-	-		-	-		-	-		-	-						
COMMON AIRCRAFT PORTABLE REPROGRAMMING EQUIPMENT (CAPRE)	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Secondary Distribution																				
AF				-	-		-	-		-	-		-	-						
FSC 1730 AIRCRAFT GROUND SERVICING EQUIPMENT	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Secondary Distribution																				
AF				-	-		-	-		-	-		-	-						
FSC 3950 WINCH, CRANE, HOIST, DERRICK	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Secondary Distribution																				
AF				-	-		-	-		-	-		-	-						
FSC 4120 AIR CONDITIONING EQUIPMENT	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
FSC 4920 AIRCRAFT MAINT SHOP SPECIALIZED EQP	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Secondary Distribution																				
AF				-	-		-	-		-	-		-	-						
FSC 5180 SETS, KITS, and OUTFITS OF HAND TOOLS	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Secondary Distribution																				

**UNCLASSIFIED**

<b>Exhibit P-40A, Budget Item Justification For Aggregated Items:</b> PB Amended 2014 Air Force																<b>Date:</b> May 2013					
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F: Aircraft Procurement, Air Force / BA 07: Aircraft Supt Equipment & Facilities / BSA 1: Common Support Equipment									<b>P-1 Line Item Nomenclature:</b> 000071 - Aircraft Replacement Support Equip							<b>Aggregated Item Name:</b> ITEMS LESS THAN \$5 MILLION					

  

Items	ID CD	MDAP/ MAIS Code	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total Cost		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )
AF				-	-		-	-		-	-		-	-						
FSC 6115 GENERATORS AND GENERATOR SETS, ELECTRICAL	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<i>Secondary Distribution</i>																				
AF				-	-		-	-		-	-		-	-						
FSC 6125 CONVERTOR, ELECTRICAL, ROTATING	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<i>Secondary Distribution</i>																				
AF				-	-		-	-		-	-		-	-						
FSC 6625 ELECT and ELECTRONIC PROPERTIES INSTRUMENT	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
FSC 6645 TIME MEASURING INSTRUMENTS	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<i>Secondary Distribution</i>																				
AF				-	-		-	-		-	-		-	-						
FSC 6650 OPTICAL INSTRUMENTS	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<i>Secondary Distribution</i>																				
AF				-	-		-	-		-	-		-	-						
<b>Total</b>					-			-			-			-			-		-	

**P-40A Remarks:**  
 FEDERAL STOCK CLASS (FSC)  
**Footnotes:**  
 (2) PMA APPLIES TO 30MM AMMUNITION LOADER (GFU-7).

**UNCLASSIFIED**

Exhibit P-5, Cost Analysis: PB Amended 2014 Air Force											Date: May 2013								
Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 07: Aircraft Supt Equipment & Facilities / BSA 1: Common Support Equipment				P-1 Line Item Nomenclature: 000071 - Aircraft Replacement Support Equip							Item Nomenclature (Item Number - Item Name, DODIC): Legacy Test Program Set Rehost								
Resource Summary		Prior Years	FY 2012	FY 2013 <sup>#</sup>	FY 2014 Base	FY 2014 OCO <sup>##</sup>	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total						
Procurement Quantity (Units in Each)		-	-	-	-	-	-	-	-	-	-	-	-						
Gross/Weapon System Cost (\$ in Millions)		-	-	-	0.100	-	0.100	-	-	-	-	-	-						
Less PY Advance Procurement (\$ in Millions)		-	-	-	-	-	-	-	-	-	-	-	-						
Net Procurement (P1) (\$ in Millions)		-	-	-	0.100	-	0.100	-	-	-	-	-	-						
Plus CY Advance Procurement (\$ in Millions)		-	-	-	-	-	-	-	-	-	-	-	-						
Total Obligation Authority (\$ in Millions)		-	-	-	0.100	-	0.100	-	-	-	-	-	-						
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)																			
Initial Spares (\$ in Millions)		-	-	-	-	-	-	-	-	-	-	-	-						
Gross/Weapon System Unit Cost (Units in Dollars)		-	-	-	-	-	-	-	-	-	-	-	-						
# FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012																			
## This Budget Amendment, which includes Base and OCO funding for FY 2014, replaces the FY 2014 Base Budget Request only submission of April 2013																			
Cost Elements († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
		Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)
Support Cost																			
Legacy Test Program Set (TPS) Re-host		-	-	-	-	-	-	-	-	-	-	-	0.100	-	-	-	-	-	0.100
Total Support Cost				-			-			-			0.100			-			0.100
Gross Weapon System Cost				-			-			-			0.100			-			0.100
Cost Elements († indicates the presence of a P-5A)	ID CD	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total Cost		
		Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)
Support Cost																			
Legacy Test Program Set (TPS) Re-host		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Support Cost				-			-			-			-			-			-
Gross Weapon System Cost				-			-			-			-			-			-
P-5 Remarks: Unit costs for FY14 are assumed and subject to change based upon the complexity of each individual Legacy Test Program Set (TPS).																			



UNCLASSIFIED

Exhibit P-5, Cost Analysis: PB Amended 2014 Air Force						Date: May 2013				
Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 07: Aircraft Supt Equipment & Facilities / BSA 1: Common Support Equipment			P-1 Line Item Nomenclature: 000071 - Aircraft Replacement Support Equip			Item Nomenclature (Item Number - Item Name, DODIC): Legacy Test Program Set Rehost				
Legacy Test Program Set (TPS) Re-host is a cost of sustaining mission equipment. It is required when moving from one test platform to another. Re-hosting to a standard tester reduces long-term sustainment costs for test hardware and software.										
The Legacy Test Program Set (TPS) Re-host requirement supports current weapon system test requirements being migrated to VDATS. Re-host of Legacy Test Program software to VDATS reduces the large variety of unique software languages, as well as the huge quantity of unique legacy automatic test systems currently maintained within the Air Force inventory. As a result reduces the AF ATS footprint, and reduces the ATS total ownership cost.										
Secondary Distribution		FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018
AF	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	-	-	0.100	-	0.100	-	-	-	-

**UNCLASSIFIED**

Exhibit P-40A, Budget Item Justification For Aggregated Items: PB Amended 2014 Air Force															Date: May 2013					
Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 07: Aircraft Supt Equipment & Facilities / BSA 1: Common Support Equipment							P-1 Line Item Nomenclature: 000071 - Aircraft Replacement Support Equip							Aggregated Item Name: Portable Automated Test Set						
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Uncategorized																				
† Portable Automated Test Set <sup>(3)</sup>	A		0.00	0	0.000	277,748.00	179	49.717	282,480.00	25	7.062	-	-	-	-	-	-	-	-	-
Secondary Distribution																				
AF				-	-		117	32.497		14	3.955		-	-		-	-		-	-
AFR				-	-		22	6.110		3	0.847		-	-		-	-		-	-
AFNG				-	-		40	11.110		8	2.260		-	-		-	-		-	-
Program Management Authority	A		-	-	-	-	-	-	-	-	-	-	-	0.015	-	-	-	-	-	0.015
Secondary Distribution																				
AF				-	-		-	-		-	-		-	0.015		-	-		-	0.015
Total					0.000			49.717			7.062			0.015			-			0.015

**UNCLASSIFIED**

<b>Exhibit P-40A, Budget Item Justification For Aggregated Items:</b> PB Amended 2014 Air Force															<b>Date:</b> May 2013				
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F: Aircraft Procurement, Air Force / BA 07: Aircraft Supt Equipment & Facilities / BSA 1: Common Support Equipment								<b>P-1 Line Item Nomenclature:</b> 000071 - Aircraft Replacement Support Equip							<b>Aggregated Item Name:</b> Portable Automated Test Set				

  

Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total Cost		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )
<b>Uncategorized</b>																				
† Portable Automated Test Set <sup>(3)</sup>	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<i>Secondary Distribution</i>																				
AF				-	-		-	-		-	-		-	-						
AFR				-	-		-	-		-	-		-	-						
AFNG				-	-		-	-		-	-		-	-						
Program Management Authority	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<i>Secondary Distribution</i>																				
AF				-	-		-	-		-	-		-	-						
<b>Total</b>					-			-			-			-			-		-	
<b>P-40A Remarks:</b> FY14 PMA dollars are for PATS IPT upcoming TDY trips. <b>Footnotes:</b> <sup>(3)</sup> Congressional Add of \$42.5M was received in FY12. Dollars will be include in the FY14PB ABIDES.																				

**UNCLASSIFIED**

Exhibit P-5A, Budget Procurement History and Planning: PB Amended 2014 Air Force									Date: May 2013			
Appropriation / Budget Activity / Budget Sub Activity:				P-1 Line Item Nomenclature:					Aggregated Item Name:			
3010F: Aircraft Procurement, Air Force / BA 07: Aircraft Supt Equipment & Facilities / BSA 1: Common Support Equipment				000071 - Aircraft Replacement Support Equip					Portable Automated Test Set			
Items	OCO	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
Uncategorized												
Portable Automated Test Set		2012	Ogden Depot / OO-ALC	SS / FFP	AFMC/ OO-ALC	Jun 2012	Jun 2013	179	277,748.00	Y		
Portable Automated Test Set		2013	Ogden Depot / OO-ALC	SS / FFP	AFMC/ OO-ALC	Jun 2013	Jun 2014	25	282,480.00	Y		

UNCLASSIFIED

Exhibit P-40A, Budget Item Justification For Aggregated Items: PB Amended 2014 Air Force																Date: May 2013				
Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 07: Aircraft Supt Equipment & Facilities / BSA 1: Common Support Equipment								P-1 Line Item Nomenclature: 000071 - Aircraft Replacement Support Equip								Aggregated Item Name: RACKMOUNT IMPROVED AVIONICS INTERMEDIATE SHOP TEST STATION				
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Uncategorized																				
† Rackmount Improved Avionics Intermediate Shop Test Station	A		-	-	0.000	9,500K	1	9.500	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution																				
AF				-	-		1	9.500		-	-		-	-		-	-		-	-
Total					0.000			9.500			-			-			-			-

UNCLASSIFIED

Exhibit P-40A, Budget Item Justification For Aggregated Items: PB Amended 2014 Air Force															Date: May 2013					
Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 07: Aircraft Supt Equipment & Facilities / BSA 1: Common Support Equipment							P-1 Line Item Nomenclature: 000071 - Aircraft Replacement Support Equip							Aggregated Item Name: RACKMOUNT IMPROVED AVIONICS INTERMEDIATE SHOP TEST STATION						
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total Cost		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )
Uncategorized																				
† Rackmount Improved Avionics Intermediate Shop Test Station	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Secondary Distribution																				
AF			-	-		-	-		-	-		-	-							
Total					-		-			-			-			-			-	

**UNCLASSIFIED**

Exhibit P-5A, Budget Procurement History and Planning: PB Amended 2014 Air Force										Date: May 2013			
Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 07: Aircraft Supt Equipment & Facilities / BSA 1: Common Support Equipment				P-1 Line Item Nomenclature: 000071 - Aircraft Replacement Support Equip						Aggregated Item Name: RACKMOUNT IMPROVED AVIONICS INTERMEDIATE SHOP TEST STATION			
Items	OCO	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date	
Uncategorized													
Rackmount Improved Avionics Intermediate Shop Test Station		2012	GSA / ARINC / Annapolis, Maryland	MIPR	AFMC/ OO-ALC	Apr 2012	Oct 2013	1	9,500K	Y		Nov 2011	

**UNCLASSIFIED**

Exhibit P-40A, Budget Item Justification For Aggregated Items: PB Amended 2014 Air Force															Date: May 2013					
Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 07: Aircraft Supt Equipment & Facilities / BSA 1: Common Support Equipment						P-1 Line Item Nomenclature: 000071 - Aircraft Replacement Support Equip						Aggregated Item Name: STORES MGMT TEST SET PROGRAM								
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Uncategorized																				
† T-198B STORES MGMT TEST SET	A		0.00	0	0.000	-	-	-	-	-	-	361,000.00	1	0.361	-	-	-	361,000.00	1	0.361
Secondary Distribution																				
AFNG				-	-		-	-		-	-		1	0.361		-	-		1	0.361
PMA	A		-	-	-	-	-	-	-	-	-	50,000.00	1	0.050	-	-	-	50,000.00	1	0.050
Secondary Distribution																				
AF				-	-		-	-		-	-		1	0.050		-	-		1	0.050
Total					0.000			-			-			0.411			-			0.411



**UNCLASSIFIED**

<b>Exhibit P-40A, Budget Item Justification For Aggregated Items:</b> PB Amended 2014 Air Force																<b>Date:</b> May 2013				
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F: Aircraft Procurement, Air Force / BA 07: Aircraft Supt Equipment & Facilities / BSA 1: Common Support Equipment									<b>P-1 Line Item Nomenclature:</b> 000071 - Aircraft Replacement Support Equip							<b>Aggregated Item Name:</b> STORES MGMT TEST SET PROGRAM				

Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total Cost		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )
<b>Uncategorized</b>																				
† T-198B STORES MGMT TEST SET	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Secondary Distribution</i>																				
AFNG				-	-		-	-		-	-		-	-						
PMA	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Secondary Distribution</i>																				
AF				-	-		-	-		-	-		-	-						
<b>Total</b>					-			-			-			-				-		-

**P-40A Remarks:**  
 Stores Mgmt Test Sets vary in configurations and provide both on and off equipment operational checkout capability to support mission requirements.

Unit Costs for FY14 are assumed and are subject to change.

FY14 PMA dollars are for SMTS IPT upcoming travel duty.

**UNCLASSIFIED**

Exhibit P-5A, Budget Procurement History and Planning: PB Amended 2014 Air Force									Date: May 2013			
Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 07: Aircraft Supt Equipment & Facilities / BSA 1: Common Support Equipment				P-1 Line Item Nomenclature: 000071 - Aircraft Replacement Support Equip					Aggregated Item Name: STORES MGMT TEST SET PROGRAM			
Items	OCO	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty <i>(Each)</i>	Unit Cost <i>(\$)</i>	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
Uncategorized												
T-198B STORES MGMT TEST SET		2014	BOEING / ST LOUIS	SS / FFP	WR/ALC	Jun 2014	Jul 2015	1	361,000.00	Y		

**UNCLASSIFIED**

<b>Exhibit P-5, Cost Analysis:</b> PB Amended 2014 Air Force										<b>Date:</b> May 2013		
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F: Aircraft Procurement, Air Force / BA 07: Aircraft Supt Equipment & Facilities / BSA 1: Common Support Equipment					<b>P-1 Line Item Nomenclature:</b> 000071 - Aircraft Replacement Support Equip					<b>Item Nomenclature (Item Number - Item Name, DODIC):</b> STORES SYSTEM TESTER - INTERMEDIATE (F-22 AME)		

Resource Summary	Prior Years	FY 2012	FY 2013 <sup>#</sup>	FY 2014 Base	FY 2014 OCO <sup>##</sup>	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	2	30	-	30	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	0.000	-	1.900	4.620	-	4.620	-	-	-	-	-	-
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) ( <i>\$ in Millions</i> )	0.000	-	1.900	4.620	-	4.620	-	-	-	-	-	-
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	<b>0.000</b>	-	<b>1.900</b>	<b>4.620</b>	-	<b>4.620</b>	-	-	-	-	-	-

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>Units in Dollars</i> )	-	-	950,000.00	154,000.00	-	154,000.00	-	-	-	-	-	-

<sup>#</sup> FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

<sup>##</sup> This Budget Amendment, which includes Base and OCO funding for FY 2014, replaces the FY 2014 Base Budget Request only submission of April 2013

Cost Elements († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
		Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)
Hardware Cost																			
Recurring Cost																			
† Instrument Unit	A	-	-	-	-	-	-	200,000.00	1	0.200	206,666.67	15	3.100	-	-	-	206,666.67	15	3.100
† F-22 I-Level Cable Set	A	-	-	-	-	-	-	300,000.00	1	0.300	100,000.00	15	1.500	-	-	-	100,000.00	15	1.500
Total Recurring Cost				-			-			0.500			4.600			-			4.600
Total Hardware Cost				-			-			0.500			4.600			-			4.600
Support Cost																			
First Article Testing and Data		-	-	-	-	-	-	-	-	1.400	-	-	-	-	-	-	-	-	-
PMA		-	-	-	-	-	-	-	-	-	-	-	0.020	-	-	-	-	-	0.020
Total Support Cost				-			-			1.400			0.020			-			0.020
Gross Weapon System Cost				0.000			-			1.900			4.620			-			4.620

Cost Elements († indicates the presence of a P-5A)	ID CD	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total Cost		
		Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)
Hardware Cost																			

**UNCLASSIFIED**

<b>Exhibit P-5, Cost Analysis:</b> PB Amended 2014 Air Force														<b>Date:</b> May 2013					
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F: Aircraft Procurement, Air Force / BA 07: Aircraft Supt Equipment & Facilities / BSA 1: Common Support Equipment							<b>P-1 Line Item Nomenclature:</b> 000071 - Aircraft Replacement Support Equip							<b>Item Nomenclature</b> ( <i>Item Number - Item Name, DODIC</i> ): STORES SYSTEM TESTER - INTERMEDIATE (F-22 AME)					

Cost Elements († indicates the presence of a P-5A)	ID CD	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total Cost		
		Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M )	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M )	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M )	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M )	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M )	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M )
Recurring Cost																			
† Instrument Unit	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† F-22 I-Level Cable Set	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Recurring Cost				-			-			-			-			-			-
Total Hardware Cost				-			-			-			-			-			-
Support Cost																			
First Article Testing and Data		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PMA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Support Cost				-			-			-			-			-			-
Gross Weapon System Cost				-			-			-			-			-			-

**P-5 Remarks:**

FY13 F-22 I-Level Cable Set first article needed to ensure specification requirements.

FY14 PMA DOLLARS IN THE AMOUNT OF \$20K will be used for the necessary travel associated with fielding the F-22 Stores System Tester.

Secondary Distribution		FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018
AF	Quantity	-	2	30	-	30	-	-	-	-
	Total Obligation Authority	-	1.900	4.620	-	4.620	-	-	-	-

**UNCLASSIFIED**

Exhibit P-5A, Budget Procurement History and Planning: PB Amended 2014 Air Force								Date: May 2013				
Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 07: Aircraft Supt Equipment & Facilities / BSA 1: Common Support Equipment				P-1 Line Item Nomenclature: 000071 - Aircraft Replacement Support Equip				Item Nomenclature: STORES SYSTEM TESTER - INTERMEDIATE (F-22 AME)				
Cost Elements	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty <i>(Each)</i>	Unit Cost <i>(\$)</i>	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
Instrument Unit		2013	BAE SYSTEMS / NASHUA, NH	C / IDIQ	AFMC/ OO-ALC	Feb 2013	May 2014	1	200,000.00	Y		
Instrument Unit		2014	BAE SYSTEMS / NASHUA, NH	C / IDIQ	AFMC/ OO-ALC	Feb 2014	May 2015	15	206,666.67	Y		
F-22 I-Level Cable Set		2013	BAE SYSTEMS / NASHUA,NH	C / IDIQ	AFMC/ OO-ALC	Feb 2013	Nov 2014	1	300,000.00	Y		
F-22 I-Level Cable Set		2014	BAE SYSTEMS / NASHUA, NH	C / IDIQ	AFMC/ OO-ALC	Feb 2014	Nov 2014	15	100,000.00	Y		
Remarks: FY13 contract action will be a 5 year IDIQ that will include a 2 year basic, one 2 year option and one 1 year option.												

**UNCLASSIFIED**

Exhibit P-40A, Budget Item Justification For Aggregated Items: PB Amended 2014 Air Force																Date: May 2013				
Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 07: Aircraft Supt Equipment & Facilities / BSA 1: Common Support Equipment						P-1 Line Item Nomenclature: 000071 - Aircraft Replacement Support Equip									Aggregated Item Name: VERSAMODULE EXTENSIONS FOR INSTRUMENTATION IMPROVED AVIONICS INTERMEDIATE SHOP (VXI-IAIS)					
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )
Uncategorized																				
† Versamodule Extensions for Instrumentation Improved Avionics Intermediate Shop	A		-	-	-	2,544K	5	12.722	2,600K	3	7.800	-	-	-	-	-	-	-	-	-
Secondary Distribution																				
AF				-	-		5	12.722		3	7.800		-	-		-	-		-	-
Total					-			12.722			7.800			-			-			-

**UNCLASSIFIED**

Exhibit P-40A, Budget Item Justification For Aggregated Items: PB Amended 2014 Air Force															Date: May 2013					
Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 07: Aircraft Supt Equipment & Facilities / BSA 1: Common Support Equipment						P-1 Line Item Nomenclature: 000071 - Aircraft Replacement Support Equip									Aggregated Item Name: VERSAMODULE EXTENSIONS FOR INSTRUMENTATION IMPROVED AVIONICS INTERMEDIATE SHOP (VXI-IAIS)					
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total Cost		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M )
Uncategorized																				
† Versamodule Extensions for Instrumentation Improved Avionics Intermediate Shop	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Secondary Distribution																				
AF				-	-		-	-		-	-		-	-						
Total					-		-		-		-		-			-			-	

**UNCLASSIFIED**

Exhibit P-5A, Budget Procurement History and Planning: PB Amended 2014 Air Force									Date: May 2013			
Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 07: Aircraft Supt Equipment & Facilities / BSA 1: Common Support Equipment				P-1 Line Item Nomenclature: 000071 - Aircraft Replacement Support Equip					Aggregated Item Name: VERSAMODULE EXTENSIONS FOR INSTRUMENTATION IMPROVED AVIONICS INTERMEDIATE SHOP (VXI-IAIS)			
Items	OCO	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty <i>(Each)</i>	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
Uncategorized												
Versamodule Extensions for Instrumentation Improved Avionics Intermediate Shop		2012	GSA /ARINC / Annapolis, Maryland	MIPR	AFMC/ OO-ALC	Apr 2012	Oct 2013	5	2,544K	Y		
Versamodule Extensions for Instrumentation Improved Avionics Intermediate Shop		2013	GSA / Unknown	MIPR	AFMC/ OO-ALC	Apr 2013	Oct 2014	3	2,600K	Y		
Remarks: This will be competed by GSA												



**UNCLASSIFIED**

<b>Exhibit P-5, Cost Analysis: PB Amended 2014 Air Force</b>										<b>Date:</b> May 2013		
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F: Aircraft Procurement, Air Force / BA 07: Aircraft Supt Equipment & Facilities / BSA 1: Common Support Equipment					<b>P-1 Line Item Nomenclature:</b> 000071 - Aircraft Replacement Support Equip					<b>Item Nomenclature (Item Number - Item Name, DODIC):</b> VERSATILE DEPOT AUTOMATIC TEST STATION (VDATS)		

Resource Summary	Prior Years	FY 2012	FY 2013 <sup>#</sup>	FY 2014 Base	FY 2014 OCO <sup>##</sup>	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	7	11	8	-	8	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	0.000	12.113	12.300	7.742	-	7.742	-	-	-	-	-	-
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) ( <i>\$ in Millions</i> )	0.000	12.113	12.300	7.742	-	7.742	-	-	-	-	-	-
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (<i>\$ in Millions</i>)</b>	<b>0.000</b>	<b>12.113</b>	<b>12.300</b>	<b>7.742</b>	<b>-</b>	<b>7.742</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>Units in Dollars</i> )	-	1,730K	1,118K	967,750.00	-	967,750.00	-	-	-	-	-	-

<sup>#</sup> FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

<sup>##</sup> This Budget Amendment, which includes Base and OCO funding for FY 2014, replaces the FY 2014 Base Budget Request only submission of April 2013

Cost Elements († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
		Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)
Hardware Cost																			
Recurring Cost																			
† VDATS DA-1 4920-01-553-0693KV	A	-	-	-	-	-	-	1,015K	2	2.030	950,752.00	3	2.852	-	-	-	950,752.00	3	2.852
† VDATS DA-2 4920-01-553-1534KV	A	-	-	-	1,132K	4	4.529	1,282K	7	8.977	1,201K	2	2.402	-	-	-	1,201K	2	2.402
† VDATS RF-1 4920-01-553-1535KV	A	-	-	-	470,790.00	3	1.412	646,546.00	2	1.293	522,500.00	3	1.568	-	-	-	522,500.00	3	1.568
ATS	A	-	-	-	-	-	-	-	-	-	-	-	0.450	-	-	-	-	-	0.450
Total Recurring Cost				-			5.941			12.300			7.272			-			7.272
Total Hardware Cost				-			5.941			12.300			7.272			-			7.272
Support Cost																			
VDATS Test Program Set (TPS)		-	-	-	-	-	3.689	-	-	-	-	-	-	-	-	-	-	-	-
VDATS Engineering		-	-	-	-	-	2.335	-	-	-	-	-	0.441	-	-	-	-	-	0.441
Program Management Authority (PMA)		-	-	-	-	-	0.148	-	-	-	-	-	0.030	-	-	-	-	-	0.030
Total Support Cost				-			6.172			-			0.471			-			0.471
Gross Weapon System Cost				0.000			12.113			12.300			7.742			-			7.742

**UNCLASSIFIED**

<b>Exhibit P-5, Cost Analysis:</b> PB Amended 2014 Air Force												<b>Date:</b> May 2013							
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F: Aircraft Procurement, Air Force / BA 07: Aircraft Supt Equipment & Facilities / BSA 1: Common Support Equipment						<b>P-1 Line Item Nomenclature:</b> 000071 - Aircraft Replacement Support Equip						<b>Item Nomenclature</b> ( <i>Item Number - Item Name, DODIC</i> ): VERSATILE DEPOT AUTOMATIC TEST STATION (VDATS)							

Cost Elements († indicates the presence of a P-5A)	ID CD	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total Cost		
		Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)
Hardware Cost																			
Recurring 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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ATS	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Recurring Cost				-			-			-			-			-			-
Total Hardware Cost				-			-			-			-			-			-
Support Cost																			
VDATS Test Program Set (TPS)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VDATS Engineering		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Program Management Authority (PMA)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Support Cost				-			-			-			-			-			-
Gross Weapon System Cost				-			-			-			-			-			-

**P-5 Remarks:**

Unit costs for FY14 are assumed and are subject to change.

The Versatile Depot Automatic Test Station (VDATS) requirement(s) supports current and future systems, and provides a means to ensure operational availability. The scope of the effort relates 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, and for the operation of VDATS as a completely reconfigurable test system

The VDATS Test Program Set (TPS) Software Rehost requirement supports current weapon system test requirements being migrated to VDATS. Rehost of legacy test program software to VDATS reduces the large variety of unique software languages, as well as the huge quantity of unique legacy automatic test systems currently maintained within the Air Force inventory. As a result reduces the AF ATS footprint, and reduces the ATS total ownership costs.

The PMA account was established to fund requirements associated with the day-to-day operations and sustainment of the VDATS Program office. Defined requirements that fit within the scope of this account are program travel, as well as misc material purchases associated with the program management operations of the VDATS program office are supported from the PMA account.

Secondary Distribution		FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018
AF	Quantity	7	11	8	-	8	-	-	-	-
	Total Obligation Authority	12.113	12.300	7.743	-	7.743	-	-	-	-

UNCLASSIFIED

<b>Exhibit P-5, Cost Analysis:</b> PB Amended 2014 Air Force		<b>Date:</b> May 2013
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F: Aircraft Procurement, Air Force / BA 07: Aircraft Supt Equipment & Facilities / BSA 1: Common Support Equipment	<b>P-1 Line Item Nomenclature:</b> 000071 - Aircraft Replacement Support Equip	<b>Item Nomenclature</b> ( <i>Item Number - Item Name, DODIC</i> ): VERSATILE DEPOT AUTOMATIC TEST STATION (VDATS)

--	--	--

**UNCLASSIFIED**

Exhibit P-5A, Budget Procurement History and Planning: PB Amended 2014 Air Force									Date: May 2013			
Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 07: Aircraft Supt Equipment & Facilities / BSA 1: Common Support Equipment				P-1 Line Item Nomenclature: 000071 - Aircraft Replacement Support Equip					Item Nomenclature: VERSATILE DEPOT AUTOMATIC TEST STATION (VDATS)			
Cost Elements	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
VDATS DA-1 4920-01-553-0693KV		2013	Robins Depot / WR-ALC/402	SS / FFP	AFMC/ WR-ALC	Feb 2013	May 2013	2	1,015K	Y		
VDATS DA-1 4920-01-553-0693KV		2014	Robins Depot / WR-ALC/402	SS / FFP	AFMC/ WR-ALC	Nov 2013	Jun 2014	3	950,752.00	Y		
VDATS DA-2 4920-01-553-1534KV		2012	Robins Depot / WR-ALC/402	SS / FFP	AFMC/ WR-ALC	May 2012	Oct 2012	4	1,132K	Y		
VDATS DA-2 4920-01-553-1534KV		2013	Robins Depot / WR-ALC/402	SS / FFP	AFMC/ WR-ALC	Feb 2013	May 2013	7	1,282K	Y		
VDATS DA-2 4920-01-553-1534KV		2014	Robins Depot / WR-ALC/402	SS / FFP	AFMC/ WR-ALC	Nov 2013	Jun 2014	2	1,201K	Y		
VDATS RF-1 4920-01-553-1535KV		2012	Robins Depot / WR-ALC/402	SS / FFP	AFMC/ WR-ALC	May 2012	Oct 2012	3	470,790.00	Y		
VDATS RF-1 4920-01-553-1535KV		2013	Robins Depot / WR-ALC/402	SS / FFP	AFMC/ WR-ALC	Feb 2013	May 2013	2	646,546.00	Y		
VDATS RF-1 4920-01-553-1535KV		2014	Robins Depot / WR-ALC/402	SS / FFP	AFMC/ WR-ALC	Nov 2013	Jun 2014	3	522,500.00	Y		