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

May 2013



**Air Force**

*Justification Book Volume 1 of 1*

***Other Procurement, Air Force***

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Air Force • Amended Budget Estimates FY 2014 • Procurement

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Air Force • Amended Budget Estimates FY 2014 • Procurement

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<b>Exhibit P-40, Budget Item Justification Sheet:</b> PB Amended 2014 Air Force	<b>Date:</b> May 2013
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<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3080F: Other Procurement, Air Force / BA 03: Electronics and Telecommunications Equip / BSA 3: Electronics Programs	<b>P-1 Line Item Nomenclature:</b> 833070 - Weather Observation Forecast
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<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>
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**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> )	-	16.360	23.464	17.166	1.800	18.966	16.493	16.899	21.313	21.697	-	135.192
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) ( <i>\$ in Millions</i> )	-	16.360	23.464	17.166	1.800	18.966	16.493	16.899	21.313	21.697	-	135.192
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	-	<b>16.360</b>	<b>23.464</b>	<b>17.166</b>	<b>1.800</b>	<b>18.966</b>	<b>16.493</b>	<b>16.899</b>	<b>21.313</b>	<b>21.697</b>	-	<b>135.192</b>

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

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:**

FY14 procurement dollars will acquire terrestrial weather observation and sensing equipment in the following configurations: 6 fixed units, 40 remote units, 2 deployable units, and 32 upper air units. These funds will also acquire 3 ground-based ionospheric measuring units. Additionally, these funds will acquire information processing and dissemination technologies for weather analysis and forecasting at strategic, theater, and tactical levels. These procurements support operational mission requirements of Air Force and Army personnel.

Funding for this exhibit contained in PE 0305111F.

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 )
Weather Observation Forecast	P5, P5A		-	-	-	-	-	16.360	-	-	23.464	-	-	17.166	-	-	1.800	-	-	18.966
Total Gross/Weapon System Cost					-			16.360			23.464			17.166			1.800			18.966

\*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:**

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<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> 3080F: Other Procurement, Air Force / BA 03: Electronics and Telecommunications Equip / BSA 3: Electronics Programs		<b>P-1 Line Item Nomenclature:</b> 833070 - Weather Observation Forecast
<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>FY12 funding totals include \$1,800,000 appropriated for Overseas Contingency Operations (OCO). FY13 funding totals include \$5,600,000 requested for Overseas Contingency Operations (OCO).</p> <p>The Weather Observation Forecast budget line acquires meteorological and ground based space environmental sensing equipment supporting the global missions of the Air Force (AF), Army, Special Operations Forces (SOF), combatant commands, and other government agencies. Fixed and transportable equipment provides observing and forecasting capabilities for home station and deployed locations in support of worldwide Air and Space Expeditionary Forces and Army forces. Weather system technological upgrades provide critical support to modern air and space combat operations. These systems enhance the effectiveness of Air Force weapon systems and precision munitions by accurately predicting environmental impacts to optimize targeting, weaponeering, and battle damage assessment, as well as space systems operations and effectiveness.</p> <p>Air Force weather (AFW) programs are aligned under five core capabilities: 1) weather data collection; 2) product tailoring/warfighter applications; 3) weather data analysis; 4) weather forecasting; and 5) weather data dissemination. Through this alignment, AFW ensures an integrated and systems oriented approach to program management decisions. Development funding for Weather Observation/Forecast is in Program Element (PE) 0305111F, Weather Service.</p> <p>Funding procures prime mission equipment (commercial-off-the-shelf (COTS) hardware, software, and ancillary equipment) integration, installation and checkout, training, information assurance, data, production testing, engineering, site surveys, services, program office support, support of user-conducted operational test and evaluation, interim contractor support, and other systems and associated costs to deliver systems.</p> <p>1. WEATHER DATA COLLECTION: This program acquires equipment capable of combining terrestrial and space weather sensor data into integrated meteorological sensing and instrumentation information for battlespace and home-base operations.</p> <p>a. OBSERVING SYSTEM 21ST CENTURY (OS-21): This component of weather data collection procures state-of-the-art, COTS, weather observing/sensing equipment to support air and ground operations at locations worldwide. OS-21 includes five different configurations: fixed, deployable, remote, manual, and upper-air. FY14 funding will procure 6 fixed units, (6 AD/0 ANG/0 AFR), 40 remote units (40 AD/0 ANG/0 AFR), 2 deployable units (2 AD/0 ANG/0 AFR), and 32 upper air units (32 AD/0 ANG/0 AFR).</p> <p>b. NEXT GENERATION IONOSONDE (NEXION): Provides vertical incidence measurements of the ionosphere from multiple worldwide locations. Measurements are used as model inputs for space environmental forecast products supporting warfighter operations and space situational awareness. FY14 funding will procure 3 ground-based ionospheric measuring units (3 AD/0 ANG/0 AFR).</p> <p>c. PORTABLE DOPPLER RADAR: No FY14 funding requested.</p> <p>2. PRODUCT TAILORING/WARFIGHTER APPLICATIONS: This program provides decision quality weather impacts information to warfighters at theater and tactical levels. At the theater level, Operational Weather Squadrons (OWSs) support commanders with timely, focused, fine-scale weather products and services. At the tactical level, Weather Flights (WFs) and Detachments (Dets) provide frontline AF and Army commanders target scale weather information in direct support of combat operations. WFs and Dets operate at both home station and deployed locations. FY14 funding will procure integrated computer hardware and software suites and associated communications interfaces for operational weather support at fixed and deployed AF, Army, and Special Operations Forces (SOF) locations in the continental United States and overseas.</p> <p>3. WEATHER DATA ANALYSIS: This program provides atmospheric data analysis capabilities within the AFW Production Center to generate products required by command and control units, regional OWSs, and WFs supporting AF and Army units worldwide. This program acquires and implements weather data interfaces for command and control and mission planning systems. Other users of these products include DoD and Department of Commerce agencies and the national intelligence community. Improved weather analysis of real-time information also supports DoD's role in transformation of the National Airspace System through the Next Generation Air Transportation System (NextGen). FY14 funding will procure computer hardware and associated integration software for database expansion and net-centric dissemination of weather data. Modernization of information technology infrastructure needed to support integration of data from next generation of environmental sensing satellites.</p>		

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<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> 3080F: Other Procurement, Air Force / BA 03: Electronics and Telecommunications Equip / BSA 3: Electronics Programs		<b>P-1 Line Item Nomenclature:</b> 833070 - Weather Observation Forecast
<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>4. WEATHER FORECASTING: This program provides cloud forecast models and other environmental forecast products for worldwide AF, Army, SOF, and national intelligence community operational support. FY14 funding will procure computer servers, processors, and high-capacity storage devices to support advanced scientific numerical weather modeling, and provides a robust infrastructure to enable exploitation of environmental data records from new satellite sources and improve worldwide forecast capability.</p> <p>5. WEATHER DATA DISSEMINATION: This program transitions dissemination capabilities to a net-centric interface for the timely, reliable transmission of weather data and products to intermediate and end users. The advanced interface and delivery method ensures data integrity and continuity of service. Weather data dissemination formats and transmission protocols also support the AF Infostructure Technical Reference Model (i-TRM) objectives for integration into warfighter command and control, mission planning, and modeling and simulation systems. FY14 funding will procure COTS computer hardware and software and associated communications equipment.</p> <p>OVERSEAS CONTINGENCY OPERATIONS REQUEST</p> <p>FY14 Overseas Contingency Operations funding will procure laser range finders and upper air sounding systems to improve environmental situational awareness for AF Special Operations Command forces at remote and deployed locations.</p> <p>OBSERVING SYSTEM 21ST CENTURY (OS-21): FY14 OCO funding of \$1,800,000 will procure 3 upper air sounding systems (3 AD/0 ANG/0 AFR) and 18 laser range finders (18 AD/0 ANG/0 AFR).</p> <p>Items requested in FY14 are identified on the following P-5 and are representative of items to be procured. Items procured during execution may change based on critical equipment needed to support current Air Force mission requirements.</p>		

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Exhibit P-5, Cost Analysis: PB Amended 2014 Air Force														Date: May 2013								
Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 03: Electronics and Telecommunications Equip / BSA 3: Electronics Programs							P-1 Line Item Nomenclature: 833070 - Weather Observation Forecast							Item Nomenclature (Item Number - Item Name, DODIC): Weather Observation Forecast								
Resource Summary					Prior Years			FY 2012			FY 2013 <sup>#</sup>			FY 2014 Base			FY 2014 OCO <sup>##</sup>			FY 2014 Total		
Procurement Quantity (Units in Each)					-			-			-			-			-			-		
Gross/Weapon System Cost (\$ in Millions)					-			16.360			23.464			17.166			1.800			18.966		
Less PY Advance Procurement (\$ in Millions)					-			-			-			-			-			-		
Net Procurement (P1) (\$ in Millions)					-			16.360			23.464			17.166			1.800			18.966		
Plus CY Advance Procurement (\$ in Millions)					-			-			-			-			-			-		
Total Obligation Authority (\$ in Millions)					-			16.360			23.464			17.166			1.800			18.966		
(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																						
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 (\$ M)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Quantity (Each)	Total Cost (\$ M)			
Hardware Cost																						
Recurring Cost																						
† PRIME MISSION EQUIPMENT (DEPLOYABLE) -- HILL AFB, UT	A	-	-	-	-	-	-	0.162	34	5.508	0.169	2	0.338	-	-	-	0.169	2	0.338			
† PRIME MISSION EQUIPMENT (FIXED) -- HANSCOM AFB, MA	A	-	-	-	-	-	-	0.250	5	1.250	0.250	6	1.500	-	-	-	0.250	6	1.500			
† PRIME MISSION EQUIPMENT (FIXED LIGHT) -- HANSCOM AFB, MA	A	-	-	-	-	-	-	0.170	4	0.680	-	-	-	-	-	-	-	-	-			
† PRIME MISSION EQUIPMENT (REMOTE) -- OFFUTT AFB, NE	A	-	-	-	-	-	-	-	-	-	0.006	40	0.240	-	-	-	0.006	40	0.240			
† PRIME MISSION EQUIPMENT (UPPER AIR) -- OFFUTT AFB, NE	A	-	-	-	-	-	-	-	-	-	0.008	32	0.256	-	-	-	0.008	32	0.256			
† PRIME MISSION EQUIPMENT (NEXION) -- PETERSON AFB, CO	A	-	-	-	0.275	3	0.825	0.275	2	0.550	0.275	3	0.825	-	-	-	0.275	3	0.825			
† PRIME MISSION EQUIPMENT	A	-	-	-	0.600	3	1.800	-	-	-	-	-	-	-	-	-	-	-	-			

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<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> 3080F: Other Procurement, Air Force / BA 03: Electronics and Telecommunications Equip / BSA 3: Electronics Programs								<b>P-1 Line Item Nomenclature:</b> 833070 - Weather Observation Forecast								<b>Item Nomenclature (Item Number - Item Name, DODIC):</b> Weather Observation Forecast			
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 (\$ M)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Quantity (Each)	Total Cost (\$ M)
(RADAR) -- HANSKOM AFB, MA																			
† PRIME MISSION EQUIPMENT (TAILORING) -- HANSKOM AFB, MA	A	-	-	-	2.441	1	2.441	2.192	1	2.192	2.171	1	2.171	-	-	-	2.171	1	2.171
† PRIME MISSION EQUIPMENT (ANALYSIS) -- HANSKOM AFB, MA	A	-	-	-	2.935	1	2.935	2.318	1	2.318	0.966	1	0.966	-	-	-	0.966	1	0.966
† PRIME MISSION EQUIPMENT (FORECASTING) -- OFFUTT AFB, NE	A	-	-	-	1.189	1	1.189	2.414	1	2.414	4.094	1	4.094	-	-	-	4.094	1	4.094
† PRIME MISSION EQUIPMENT (DISSEMINATION) -- OFFUTT AFB, NE	A	-	-	-	2.627	1	2.627	2.279	1	2.279	1.809	1	1.809	-	-	-	1.809	1	1.809
† PRIME MISSION EQUIPMENT (UPPER AIR) -- HURLBURT FIELD, FL	A	-	-	-	-	-	-	-	-	-	-	-	-	0.288	3	0.864	0.288	3	0.864
† PRIME MISSION EQUIPMENT (LASER RANGE FINDER) -- HURLBURT FIELD, FL	A	-	-	-	-	-	-	-	-	-	-	-	-	0.022	18	0.396	0.022	18	0.396
<i>Total Recurring Cost</i>				-			11.817			17.191			12.199			1.260			13.459
<i>Total Hardware Cost</i>				-			11.817			17.191			12.199			1.260			13.459
Support Cost																			
TESTING (OS-21)		-	-	-	-	-	0.171	-	-	0.026	-	-	-	-	-	-	-	-	-
INSTALLATION (OS-21)		-	-	-	-	-	0.256	-	-	-	-	-	-	-	-	-	-	-	-
INTERIM CONTRACTOR SUPPORT LABOR (OS-21)		-	-	-	-	-	-	-	-	0.016	-	-	0.077	-	-	-	-	-	0.077
PROGRAM MANAGEMENT ADMINISTRATION CONTRACTOR SERVICES (OS-21)		-	-	-	-	-	0.923	-	-	1.197	-	-	1.381	-	-	-	-	-	1.381
PROGRAM MANAGEMENT ADMINISTRATION OTHER GOVERNMENT SERVICES (OS-21)		-	-	-	-	-	0.024	-	-	0.025	-	-	0.025	-	-	0.540	-	-	0.565

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<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> 3080F: Other Procurement, Air Force / BA 03: Electronics and Telecommunications Equip / BSA 3: Electronics Programs								<b>P-1 Line Item Nomenclature:</b> 833070 - Weather Observation Forecast								<b>Item Nomenclature</b> ( <i>Item Number - Item Name, DODIC</i> ): Weather Observation Forecast			
<b>Cost Elements</b> († indicates the presence of a P-5A)	<b>ID CD</b>	<b>All 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>Unit Cost</b> (\$ M)	<b>Quantity</b> (Each)	<b>Total Cost</b> (\$ M)	<b>Unit Cost</b> (\$ M)	<b>Quantity</b> (Each)	<b>Total Cost</b> (\$ M)	<b>Unit Cost</b> (\$ M)	<b>Quantity</b> (Each)	<b>Total Cost</b> (\$ M)	<b>Unit Cost</b> (\$ M)	<b>Quantity</b> (Each)	<b>Total Cost</b> (\$ M)	<b>Unit Cost</b> (\$ M)	<b>Quantity</b> (Each)	<b>Total Cost</b> (\$ M)	<b>Unit Cost</b> (\$ M)	<b>Quantity</b> (Each)	<b>Total Cost</b> (\$ M)
INSTALLATION (NEXION)		-	-	-	-	-	0.685	-	-	1.041	-	-	1.256	-	-	-	-	-	1.256
PROGRAM MANAGEMENT ADMINISTRATION CONTRACTOR SERVICES (NEXION)		-	-	-	-	-	0.302	-	-	0.366	-	-	0.369	-	-	-	-	-	0.369
PROGRAM MANAGEMENT ADMINISTRATION OTHER GOVERNMENT SERVICES (NEXION)		-	-	-	-	-	0.033	-	-	0.043	-	-	0.050	-	-	-	-	-	0.050
TESTING (RADAR)		-	-	-	-	-	0.105	-	-	0.138	-	-	-	-	-	-	-	-	-
INTERIM CONTRACTOR SUPPORT LABOR (RADAR)		-	-	-	-	-	0.463	-	-	1.756	-	-	0.409	-	-	-	-	-	0.409
INTERIM CONTRACTOR SUPPORT MATERIAL (RADAR)		-	-	-	-	-	0.232	-	-	0.497	-	-	0.204	-	-	-	-	-	0.204
PROGRAM MANAGEMENT ADMINISTRATION CONTRACTOR SERVICES (TAILORING)		-	-	-	-	-	0.940	-	-	0.752	-	-	0.773	-	-	-	-	-	0.773
PROGRAM MANAGEMENT ADMINISTRATION OTHER GOVERNMENT SERVICES (TAILORING)		-	-	-	-	-	0.080	-	-	0.056	-	-	0.056	-	-	-	-	-	0.056
PROGRAM MANAGEMENT ADMINISTRATION CONTRACTOR SERVICES (ANALYSIS)		-	-	-	-	-	0.329	-	-	0.352	-	-	0.360	-	-	-	-	-	0.360
PROGRAM MANAGEMENT ADMINISTRATION OTHER GOVERNMENT SERVICES (ANALYSIS)		-	-	-	-	-	-	-	-	0.008	-	-	0.007	-	-	-	-	-	0.007
<i>Total Support Cost</i>				-			4.543			6.273			4.967			0.540			5.507
<b>Gross Weapon System Cost</b>				-			16.360			23.464			17.166			1.800			18.966

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<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> 3080F: Other Procurement, Air Force / BA 03: Electronics and Telecommunications Equip / BSA 3: Electronics Programs	<b>P-1 Line Item Nomenclature:</b> 833070 - Weather Observation Forecast	<b>Item Nomenclature</b> ( <i>Item Number - Item Name, DODIC</i> ): Weather Observation Forecast
<b>P-5 Remarks:</b>		

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Exhibit P-5A, Budget Procurement History and Planning: PB Amended 2014 Air Force									Date: May 2013			
Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 03: Electronics and Telecommunications Equip / BSA 3: Electronics Programs			P-1 Line Item Nomenclature: 833070 - Weather Observation Forecast						Item Nomenclature: Weather Observation Forecast			
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>(\$ M )</i>	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
PRIME MISSION EQUIPMENT (DEPLOYABLE) -- HILL AFB, UT		2013 <sup>(1)</sup>	AAI CORP. / HUNT VALLEY, MD	C / FFP	AFMC/ OO-ALC	Apr 2013	Oct 2013	34	0.162	Y		
PRIME MISSION EQUIPMENT (DEPLOYABLE) -- HILL AFB, UT		2014 <sup>(2)</sup>	AAI CORP. / HUNT VALLEY, MD	C / FFP	AFMC/ OO-ALC	Apr 2014	Oct 2014	2	0.169	Y		
PRIME MISSION EQUIPMENT (FIXED) -- HANSCOM AFB, MA		2013 <sup>(3)</sup>	MESOTEC INTERNATIONAL / SACRAMENTO, CA	C / FFP	AFMC/ESC	Apr 2013	Sep 2013	5	0.250	Y		
PRIME MISSION EQUIPMENT (FIXED) -- HANSCOM AFB, MA		2014 <sup>(4)</sup>	MESOTEC INTERNATIONAL / SACRAMENTO, CA	C / FFP	AFMC/ESC	Jan 2014	Jun 2014	6	0.250	Y		
PRIME MISSION EQUIPMENT (FIXED LIGHT) -- HANSCOM AFB, MA		2013 <sup>(5)</sup>	VAISALA INCORPORATED / LOUISVILLE, CO	C / FFP	AFMC/ESC	Jun 2013	Sep 2013	4	0.170	Y		
PRIME MISSION EQUIPMENT (REMOTE) -- OFFUTT AFB, NE		2014	Unknown / Unknown	C / FFP	HQ AFWA	Apr 2014	Aug 2014	40	0.006	Y		Oct 2013
PRIME MISSION EQUIPMENT (UPPER AIR) -- OFFUTT AFB, NE		2014	Unknown / Unknown	C / FFP	HQ AFWA	Apr 2014	Jun 2014	32	0.008	Y		Jan 2014
PRIME MISSION EQUIPMENT (NEXION) -- PETERSON AFB, CO		2012 <sup>(6)</sup>	ARINC ENGINEERING SERVICES / ANNAPOLIS, MD	C / IDIQ	AFSPC/SMC	Mar 2012	May 2012	3	0.275	Y		
PRIME MISSION EQUIPMENT (NEXION) -- PETERSON AFB, CO		2013 <sup>(7)</sup>	ARINC ENGINEERING SERVICES / ANNAPOLIS, MD	C / IDIQ	AFSPC/SMC	Mar 2013	Jun 2013	2	0.275	Y		
PRIME MISSION EQUIPMENT (NEXION) -- PETERSON AFB, CO		2014 <sup>(8)</sup>	ARINC ENGINEERING SERVICES / ANNAPOLIS, MD	C / IDIQ	AFSPC/SMC	Dec 2013	Jun 2014	3	0.275	Y		
PRIME MISSION EQUIPMENT (RADAR) -- HANSCOM AFB, MA		2012 <sup>(9)</sup>	LA POINT-BLASE INDUSTRIES, INC. / ST. LOUIS, MO	C / FFP	AFMC/ESC	Dec 2012	Mar 2013	3	0.600	Y		
PRIME MISSION EQUIPMENT (TAILORING) -- HANSCOM AFB, MA		2012 <sup>(10)</sup>	RAYTHEON INTELLIGENCE & INFORMATION SYSTEMS / OMAHA, NE	C / CPIF	AFMC/ESC	Mar 2012	May 2012	1	2.441	Y		
PRIME MISSION EQUIPMENT (TAILORING) -- HANSCOM AFB, MA		2013 <sup>(11)</sup>	RAYTHEON INTELLIGENCE & INFORMATION SYSTEMS / OMAHA, NE	C / CPIF	AFMC/ESC	Dec 2012	Jun 2013	1	2.192	Y		
PRIME MISSION EQUIPMENT (TAILORING) -- HANSCOM AFB, MA		2014 <sup>(12)</sup>	RAYTHEON INTELLIGENCE & INFORMATION SYSTEMS / OMAHA, NE	C / CPIF	AFMC/ESC	Dec 2013	Jun 2014	1	2.171	Y		
PRIME MISSION EQUIPMENT (ANALYSIS) -- HANSCOM AFB, MA		2012 <sup>(13)</sup>	RAYTHEON TECHNICAL SERVICES / LONG BEACH, CA	C / IDIQ	AFMC/ESC	Sep 2012	Feb 2013	1	2.935	Y		



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Exhibit P-5A, Budget Procurement History and Planning: PB Amended 2014 Air Force									Date: May 2013			
Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 03: Electronics and Telecommunications Equip / BSA 3: Electronics Programs				P-1 Line Item Nomenclature: 833070 - Weather Observation Forecast					Item Nomenclature: Weather Observation Forecast			
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 (\$ M )	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
PRIME MISSION EQUIPMENT (ANALYSIS) -- HANSCOM AFB, MA		2013 <sup>(14)</sup>	RAYTHEON TECHNICAL SERVICES / LONG BEACH, CA	C / IDIQ	AFMC/ESC	Mar 2013	Nov 2013	1	2.318	Y		
PRIME MISSION EQUIPMENT (ANALYSIS) -- HANSCOM AFB, MA		2014 <sup>(15)</sup>	RAYTHEON TECHNICAL SERVICES / LONG BEACH, CA	C / IDIQ	AFMC/ESC	Mar 2014	Nov 2014	1	0.966	Y		
PRIME MISSION EQUIPMENT (FORECASTING) -- OFFUTT AFB, NE		2012 <sup>(16)</sup>	NORTHROP GRUMMAN SPACE & MISSION SYSTEMS / BELLEVUE, NE	C / CPAF	HQ AFWA	Oct 2012	Dec 2012	1	1.189	Y		
PRIME MISSION EQUIPMENT (FORECASTING) -- OFFUTT AFB, NE		2013 <sup>(17)</sup>	NORTHROP GRUMMAN SPACE AND MISSION SYSTEMS / BELLEVUE, NE	C / CPAF	HQ AFWA	Mar 2013	Jul 2013	1	2.414	Y		
PRIME MISSION EQUIPMENT (FORECASTING) -- OFFUTT AFB, NE		2014 <sup>(18)</sup>	NORTHROP GRUMMAN SPACE & MISSION SYSTEMS / BELLEVUE, NE	C / CPAF	HQ AFWA	Mar 2014	Jul 2014	1	4.094	Y		
PRIME MISSION EQUIPMENT (DISSEMINATION) -- OFFUTT AFB, NE		2012 <sup>(19)</sup>	MULTIPLE / MULTIPLE	C / FP	HQ AFWA	Jul 2012	Oct 2012	1	2.627	Y		
PRIME MISSION EQUIPMENT (DISSEMINATION) -- OFFUTT AFB, NE		2013 <sup>(20)</sup>	Unknown / Unknown	C / FP	HQ AFWA	Apr 2013	Jul 2013	1	2.279	Y		
PRIME MISSION EQUIPMENT (DISSEMINATION) -- OFFUTT AFB, NE		2014 <sup>(21)</sup>	Unknown / Unknown	C / FP	HQ AFWA	Mar 2014	Jul 2014	1	1.809	Y		
PRIME MISSION EQUIPMENT (UPPER AIR) -- HURLBURT FIELD,FL	✓	2014	Unknown / Unknown	C / FFP	HQ AFSOC	Dec 2013	Mar 2014	3	0.288	Y		Jul 2013
PRIME MISSION EQUIPMENT (LASER RANGE FINDER) -- HURLBURT FIELD, FL	✓	2014	Unknown / Unknown	C / FFP	HQ AFSOC	Dec 2013	Mar 2014	18	0.022	Y		Jul 2013
<b>Remarks:</b> Cost information is in actual dollars. <b>Footnotes:</b> <sup>(1)</sup> Competitive, Firm Fixed Price contract awarded in Jun 10 with one base year and four one-year options, FY11/14. <sup>(2)</sup> Reference footnote (1) <sup>(3)</sup> Firm Fixed Price Indefinite Quantity/Indefinite Delievery contract with seven option years awarded in Oct 11. <sup>(4)</sup> Reference footnote (3) <sup>(5)</sup> Firm Fixed Price through a GSA Blanket Purchase Agreement utilizing fair opportunity competition awarded in Sep 07. <sup>(6)</sup> Space Logistics Weather sent funds via AF 616 to PCO at Hill AFB, UT, who selected an integrating contractor through the Future Flexible Acquisition and Sustainment Tool (FAST2)contract vehicle. Contract awarded Jan 11 with a 2011 base year and 8 option years/tasks. <sup>(7)</sup> Reference footnote (6)												

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<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> 3080F: Other Procurement, Air Force / BA 03: Electronics and Telecommunications Equip / BSA 3: Electronics Programs	<b>P-1 Line Item Nomenclature:</b> 833070 - Weather Observation Forecast	<b>Item Nomenclature:</b> Weather Observation Forecast
<p>(8) Reference footnote (6)</p> <p>(9) Competitive, five-year IDIQ contract with Firm Fixed Price awarded in Oct 09.</p> <p>(10) Basic contract, CPIF/wOPT, was awarded to Raytheon Intelligence &amp; Information Systems, Omaha, NE, Mar 06. Contract Justification &amp; Approval (J&amp;A) valid through FY15.; Unit costs vary because of different types/configurations of equipment being purchased.</p> <p>(11) Reference footnote (10)</p> <p>(12) Reference footnote (10)</p> <p>(13) Unit costs vary because of different types/configurations of equipment being purchased.; Delivery Order [task order] through Defense MicroElectronics Activity (DMEA), McClellan Park, CA, Advanced Technology Support Program III (ATSP-III) IDIQ contract vehicle with Raytheon Technical Services, Long Beach CA, originally awarded Jun 09. ESC/HABJ MIPRs funds to DMEA. FY14 Funding will support Build B.</p> <p>(14) Reference footnote (13)</p> <p>(15) Reference footnote (13)</p> <p>(16) Unit costs vary because of different types/configurations of equipment being purchased.; 55th Contracting Squadron, Offutt AFB, NE, serves as PCO for HQ AFWA to acquire data capabilities from next generation satellites through Systems Engineering Management &amp; Sustainment II contract, C/CPAF, with Northrop Grumman Space &amp; Mission Systems, Bellevue, NE, basic contract awarded Mar 08 with a base year and four option years. Extension of contract Period of Performance has been approved through second quarter of FY14.</p> <p>(17) Reference footnote (16)</p> <p>(18) Reference footnote (16)</p> <p>(19) Unit costs vary because of different types/configurations of equipment being purchased.; 55th Contracting Squadron, Offutt AFB, NE, serves as PCO for HQ AFWA to acquire dissemination capability within the AF Weather operations center. Various contracts are available through vendors such as: Lockheed Martin Integrated Systems, Endicott, NY, Northrop Grumman Space &amp; Mission Systems, Bellevue, NE, and All Native Solutions Group, Winnebago, NE. Multiple award and delivery dates; award/delivery dates reflect date of first award and delivery. Vendors in FY13/14 TBD.</p> <p>(20) Reference footnote (19)</p> <p>(21) Reference footnote (19)</p>		

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<b>Exhibit P-40, Budget Item Justification Sheet:</b> PB Amended 2014 Air Force	<b>Date:</b> May 2013
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<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3080F: Other Procurement, Air Force / BA 03: Electronics and Telecommunications Equip / BSA 6: Space Programs	<b>P-1 Line Item Nomenclature:</b> 836780 - Milsatcom Space
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<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> 0303605F, 0303600F
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**MDAP/MAIS Code(s):** 199

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> )	438.644	36.481	47.592	105.935	5.695	111.630	108.272	260.219	239.734	244.157	1,250.636	2,737.365
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) ( <i>\$ in Millions</i> )	438.644	36.481	47.592	105.935	5.695	111.630	108.272	260.219	239.734	244.157	1,250.636	2,737.365
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	<b>438.644</b>	<b>36.481</b>	<b>47.592</b>	<b>105.935</b>	<b>5.695</b>	<b>111.630</b>	<b>108.272</b>	<b>260.219</b>	<b>239.734</b>	<b>244.157</b>	<b>1,250.636</b>	<b>2,737.365</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:**

Military Satellite Communications (MILSATCOM) joint-service systems collectively provide a broad range of satellite communication capabilities, including secure, jam-resistant, 24-hour worldwide communications to meet essential strategic, tactical and general-purpose operational requirements. MILSATCOM terminals support communications requirements for the President and Secretary of Defense, unified and specified combatant commanders, uniformed services and defense agencies. Procurement funding is in program element (PE) 0303601F, MILSATCOM Terminals, except where otherwise noted. There are also research and development efforts related to some of these efforts, and that RDT&E AF funding is also in PE 0303601F.

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	36.481	47.592	105.935	5.695	111.630	108.272	260.219	239.734	244.157
AFNG	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	-	-	-	-	-	-	-	-	-
AFR	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	-	-	-	-	-	-	-	-	-

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Exhibit P-40, Budget Item Justification Sheet: PB Amended 2014 Air Force															Date: May 2013					
Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 03: Electronics and Telecommunications Equip / BSA 6: Space Programs										P-1 Line Item Nomenclature: 836780 - Milsatcom Space										
ID Code (A=Service Ready, B=Not Service Ready) : A					Program Elements for Code B Items:								Other Related Program Elements: 0303605F, 0303600F							
MDAP/MAIS Code(s): 199																				
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 )
Secure Mobile Anti-jam Reliable Tactical Terminal (SMART-T)	P5		-	-	32.402	-	-	0.500	-	-	-	-	-	-	-	-	-	-	-	-
AF Wideband Enterprise Terminal (AFWET)	P5, P5A		-	-	94.590	-	-	19.434	-	-	34.713	-	-	29.859	-	-	-	-	-	29.859
Global Broadcast Service (GBS)	P5, P5A		-	-	82.389	-	-	9.773	-	-	-	-	-	2.500	-	-	5.695	-	-	8.195
Ground Multiband Terminals (GMT)	P5, P5A		-	-	173.853	-	-	1.573	-	-	5.322	-	-	-	-	-	-	-	-	-
MILSATCOM Sustainment Modifications	P5		-	-	2.190	-	-	0.252	-	-	0.259	-	-	0.261	-	-	-	-	-	0.261
GBS Transmit Strings (PE 33600F)	P5		-	-	3.324	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FAB-T	P5		-	-	34.946	-	-	-	-	-	5.000	-	-	73.000	-	-	-	-	-	73.000
HDR-RF	P5		-	-	14.950	-	-	4.949	-	-	2.298	-	-	0.315	-	-	-	-	-	0.315
Total Gross/Weapon System Cost					438.644			36.481			47.592			105.935			5.695			111.630
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 )
Secure Mobile Anti-jam Reliable Tactical Terminal (SMART-T)	P5		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	32.902
AF Wideband Enterprise Terminal (AFWET)	P5, P5A		-	-	38.140	-	-	33.934	-	-	34.241	-	-	34.965	-	-	-	-	-	319.876
Global Broadcast Service (GBS)	P5, P5A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	100.357
Ground Multiband Terminals (GMT)	P5, P5A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	180.748
MILSATCOM Sustainment Modifications	P5		-	-	0.267	-	-	0.272	-	-	0.277	-	-	0.282	-	-	-	-	-	4.060
GBS Transmit Strings (PE 33600F)	P5		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.324
FAB-T	P5		-	-	69.865	-	-	226.013	-	-	205.216	-	-	208.910	-	-	1,250.636	-	-	2,073.586
HDR-RF	P5		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22.512
Total Gross/Weapon System Cost					108.272			260.219			239.734			244.157			1,250.636			2,737.365
*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.																				

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<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> 3080F: Other Procurement, Air Force / BA 03: Electronics and Telecommunications Equip / BSA 6: Space Programs		<b>P-1 Line Item Nomenclature:</b> 836780 - Milsatcom Space
<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> 0303605F, 0303600F
<b>MDAP/MAIS Code(s):</b> 199		
<p><b>Justification:</b></p> <p>1. SECURE MOBILE ANTI-JAM RELIABLE TACTICAL TERMINALS (SMART-T) UPGRADE: SMART-T is a ground fixed and mobile extremely high frequency (EHF) terminal providing survivable, jam-resistant, worldwide, continuous secure communications to tactical warfighters. Currently, SMART-T terminals interoperate with the Milstar satellite constellation in low data rate (LDR) mode at 2.4 Kbps and medium data rate (MDR) mode at 1.5 Mbps. The Air Force is leveraging an Army contract to upgrade the SMART-T Terminals to be compatible with the AEHF satellite system. No funds requested in FY 14.</p> <p>2. AIR FORCE WIDEBAND ENTERPRISE TERMINAL (AFWET): AFWETs form the Military Satellite Communications (MILSATCOM) backbone for the Global Information Grid (GIG), operating over Wideband Global SATCOM (WGS), Defense Satellite Communications System (DSCS), commercial and Allied satellites. These enterprise terminals support the command and control requirements of Combatant Commanders worldwide and the communication requirements of the President, Secretary of Defense, State Department, US strategic and tactical forces, and the North Atlantic Treaty Organization (NATO). The AF is responsible for sustaining facilities and terminal equipment. AFWET upgrades include baseband equipment, interconnect facilities, radomes and antennas; for selected locations that form part of the enterprise terminal ground segment, program management administration (PMA), and other related activities worldwide to ensure operational viability in accordance with the Joint Staff and Defense Information Systems Agency (DISA) directives. In FY14, the Air Force will procure major modernization kits as Government-Off-The-Shelf (GOTS) via the Army's Modernization of Enterprise Terminals (MET) program and conduct numerous targeted sustainment actions to extend the life of the system and maintain high interoperability with Army, Navy, AF, and State Department terminals. Procurement includes ground terminal modernization, baseband equipment, facilities and site preparation. Life extension and modernization efforts also provide incidental increases in capability, allowing for full utilization of WGS capabilities, compliance with OSD directives on the usage of Internet Protocol (IP) and Unified Capabilities, compliance with NSA directives on cryptographic equipment and more efficient and effective usage of satellite resources for jam-resistant, secure, anti-scintillation wideband links.</p> <p>3. GLOBAL BROADCAST SERVICE (GBS): This AF-led joint program implements a worldwide high-capacity satellite broadcast information system to provide a continuous, one-way, high-speed, high-volume flow of classified and unclassified data and imagery to garrisoned, deployed or moving forces. GBS currently provides DoD some relief from reliance on costly leased commercial satellite communications. GBS Receive Suites provide lower-echelon AF users with efficient high-data-rate in-theater to many distributed information sources via satellite-hosted GBS packages. In addition to prime mission equipment, funds will procure training, integration and installation, technical manual updates, spares, systems engineering, test, PMA, upgrades, and other related activities.</p> <p>a. GBS RECEIVE SUITES: The receive suites link users to information sources via GBS, offering near-worldwide service.</p> <p>b. GBS TRANSMIT STRINGS: The broadcast delivers data, fileb, and video via internet protocol (IP) encapsulation and interfacing to the Defense Information System Network for uplink at teleport sites. Funds will procure equipment, integration and installation, upgrades, systems engineering, and PMA to meet user requirements for broadcast transmission via WGS. Funding for this effort is in PE 0303600F.</p> <p>c. JOINT Internet Protocol (IP) MODEM:</p> <p>d. GBS RUCKSACK/SUITCASE TERMINALS: These are man portable and suitcase variants of the GBS terminals required by Special Operations Forces in forward operating areas. FY14 OCO funding will complete the procurement of the Rucksack/Suitcase receive suites.</p> <p>e. GBS Broadcast Manager Upgrade: Upgrade two AF Transportable Satellite Broadcast Manager systems to provide a transmission security capability and ensure interoperability with the joint IP modem enabled GBS receive suites.</p> <p>4. GROUND MULTIBAND TERMINAL (GMT): GMT terminals support warfighter tactical communications requirements utilizing WGS, DSCS and commercial satellite systems. GMT provides flexible, lightweight, modular, scalable, and integrated tactical quad-band SATCOM terminals which operate in X, C, Ku and military Ka frequency bands. The GMT replaces ground mobile force terminals that are reaching end of life.</p> <p>5. MILSATCOM SUSTAINMENT MODIFICATIONS: Provides minor modifications for MILSATCOM systems currently in sustainment and those currently fielding. Funding in FY14 continues sustainment for MILSATCOM systems. Funding for this effort is in PE 0303605F.</p>		

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<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> 3080F: Other Procurement, Air Force / BA 03: Electronics and Telecommunications Equip / BSA 6: Space Programs		<b>P-1 Line Item Nomenclature:</b> 836780 - Milsatcom Space
<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> 0303605F, 0303600F
<b>MDAP/MAIS Code(s):</b> 199		
<p>6. FAMILY OF ADVANCED BEYOND LINE OF SIGHT TERMINALS (FAB-T) program will provide Extremely High Frequency (EHF) voice and data MILSATCOM for nuclear and conventional forces as well as airborne and ground command posts with connectivity to Milstar, AEHF, and Enhanced Polar System (EPS) satellites. FAB-T terminals will also support the command and control (C2) of Milstar, AEHF, and EPS satellites. In FY12/FY13, the Air Force conducted a competitive acquisition for FAB-T development and production. In FY14 the Air Force will begin production of FAB-T terminals. Funding in FY14 will continue program office support and production activities.</p> <p>7. HIGH DATA RATE-RADIO FREQUENCY (HDR-RF): Ground terminal program will provide the high data rate SATCOM needed to support the Intelligence, Surveillance, and Reconnaissance (ISR) community with high bandwidth and high throughput capability. HDR-RF ground terminals will be used for command &amp; control ISR, and will support the full spectrum of operation from humanitarian support/ disaster relief to a major theater war. HDR-RF terminals will be interoperable with WGS satellites to support air intelligence, surveillance, and reconnaissance data rates up to 274 Mbps. HDR-RF ground terminals will provide quad-band C-, X-, Ku-, and Ka Band SATCOM. HDR-RF ground terminals will be interoperable with legacy tactical terminals and operate worldwide with existing military and commercial spacecraft. The user of HDR-RF ground terminals is to support ISR missions. FY14 funds will fund PMA.</p> <p>FY14 OCO funding will complete the procurement of the GBS Rucksack/Suitcase receive suites.</p> <p>Items requested in FY14 are identified in the P-5 and are representative of items to be procured. Items procured during execution may change based on critical equipment needed to support current Air Force mission requirements.</p>		

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<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> 3080F: Other Procurement, Air Force / BA 03: Electronics and Telecommunications Equip / BSA 6: Space Programs				<b>P-1 Line Item Nomenclature:</b> 836780 - Milsatcom Space				<b>Item Nomenclature</b> ( <i>Item Number - Item Name, DODIC</i> ): Secure Mobile Anti-jam Reliable Tactical Terminal (SMART-T)				

<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> )	32.402	0.500	-	-	-	-	-	-	-	-	-	32.902
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) ( <i>\$ in Millions</i> )	32.402	0.500	-	-	-	-	-	-	-	-	-	32.902
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	<b>32.402</b>	<b>0.500</b>	-	-	-	-	-	-	-	-	-	<b>32.902</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 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

<b>Cost Elements</b> († indicates the presence of a P-5A)	<b>ID CD</b>	<b>All 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>Unit Cost</b> (\$ M)	<b>Quantity</b> (Each)	<b>Total Cost</b> (\$ M)	<b>Unit Cost</b> (\$ M)	<b>Quantity</b> (Each)	<b>Total Cost</b> (\$ M)	<b>Unit Cost</b> (\$ M)	<b>Quantity</b> (Each)	<b>Total Cost</b> (\$ M)	<b>Unit Cost</b> (\$ M)	<b>Quantity</b> (Each)	<b>Total Cost</b> (\$ M)	<b>Unit Cost</b> (\$ M)	<b>Quantity</b> (Each)	<b>Total Cost</b> (\$ M)	<b>Unit Cost</b> (\$ M)	<b>Quantity</b> (Each)	<b>Total Cost</b> (\$ M)
Support Cost																			
Secure Mobile Anti-jam Reliable Tactical Terminal (SMART-T)		-	-	32.402	-	-	0.500	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Support Cost</b>				32.402			0.500			-			-			-			-
<b>Gross Weapon System Cost</b>				32.402			0.500			-			-			-			-

<b>Cost Elements</b> († indicates the presence of a P-5A)	<b>ID CD</b>	<b>FY 2015</b>			<b>FY 2016</b>			<b>FY 2017</b>			<b>FY 2018</b>			<b>To Complete</b>			<b>Total Cost</b>		
		<b>Unit Cost</b> (\$ M)	<b>Quantity</b> (Each)	<b>Total Cost</b> (\$ M)	<b>Unit Cost</b> (\$ M)	<b>Quantity</b> (Each)	<b>Total Cost</b> (\$ M)	<b>Unit Cost</b> (\$ M)	<b>Quantity</b> (Each)	<b>Total Cost</b> (\$ M)	<b>Unit Cost</b> (\$ M)	<b>Quantity</b> (Each)	<b>Total Cost</b> (\$ M)	<b>Unit Cost</b> (\$ M)	<b>Quantity</b> (Each)	<b>Total Cost</b> (\$ M)	<b>Unit Cost</b> (\$ M)	<b>Quantity</b> (Each)	<b>Total Cost</b> (\$ M)
Support Cost																			
Secure Mobile Anti-jam Reliable Tactical Terminal (SMART-T)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	32.902
<b>Total Support Cost</b>				-			-			-			-			-			32.902
<b>Gross Weapon System Cost</b>				-			-			-			-			-			32.902

**P-5 Remarks:**

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<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> 3080F: Other Procurement, Air Force / BA 03: Electronics and Telecommunications Equip / BSA 6: Space Programs		<b>P-1 Line Item Nomenclature:</b> 836780 - Milsatcom Space			<b>Item Nomenclature</b> ( <i>Item Number - Item Name, DODIC</i> ): Secure Mobile Anti-jam Reliable Tactical Terminal (SMART-T)

FAB-T quantities for FY15+ are not available due to the ongoing source selection activities.

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	0.500	-	-	-	-	-	-	-	-




**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> 3080F: Other Procurement, Air Force / BA 03: Electronics and Telecommunications Equip / BSA 6: Space Programs				<b>P-1 Line Item Nomenclature:</b> 836780 - Milsatcom Space				<b>Item Nomenclature (Item Number - Item Name, DODIC):</b> AF Wideband Enterprise Terminal (AFWET)				

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> )	94.590	19.434	34.713	29.859	-	29.859	38.140	33.934	34.241	34.965	-	319.876
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) ( <i>\$ in Millions</i> )	94.590	19.434	34.713	29.859	-	29.859	38.140	33.934	34.241	34.965	-	319.876
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (<i>\$ in Millions</i>)</b>	<b>94.590</b>	<b>19.434</b>	<b>34.713</b>	<b>29.859</b>	<b>-</b>	<b>29.859</b>	<b>38.140</b>	<b>33.934</b>	<b>34.241</b>	<b>34.965</b>	<b>-</b>	<b>319.876</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 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

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 (\$ M)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Quantity (Each)	Total Cost (\$ M)
Hardware Cost																			
Recurring Cost																			
† MODERNIZATION ENTERPRISE TERMINALS	A	3.594	6	21.563	6.848	2	13.696	9.710	3	29.129	6.537	4	26.149	-	-	-	6.537	4	26.149
AFWET UPGRADES	A	-	-	63.220	-	-	3.814	-	-	3.403	-	-	1.076	-	-	-	-	-	1.076
<b>Total Recurring Cost</b>				<b>84.783</b>			<b>17.510</b>			<b>32.532</b>			<b>27.225</b>			<b>-</b>			<b>27.225</b>
<b>Total Hardware Cost</b>				<b>84.783</b>			<b>17.510</b>			<b>32.532</b>			<b>27.225</b>			<b>-</b>			<b>27.225</b>
Support Cost																			
PROGRAM MANAGEMENT ADMINISTRATION (PMA) - AFWET		-	-	9.807	-	-	1.016	-	-	0.681	-	-	1.015	-	-	-	-	-	1.015
DIRECT MISSION SUPPORT		-	-	0.000	-	-	0.908	-	-	1.500	-	-	1.619	-	-	-	-	-	1.619
<b>Total Support Cost</b>				<b>9.807</b>			<b>1.924</b>			<b>2.181</b>			<b>2.634</b>			<b>-</b>			<b>2.634</b>
<b>Gross Weapon System Cost</b>				<b>94.590</b>			<b>19.434</b>			<b>34.713</b>			<b>29.859</b>			<b>-</b>			<b>29.859</b>

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<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> 3080F: Other Procurement, Air Force / BA 03: Electronics and Telecommunications Equip / BSA 6: Space Programs						<b>P-1 Line Item Nomenclature:</b> 836780 - Milsatcom Space						<b>Item Nomenclature (Item Number - Item Name, DODIC):</b> AF Wideband Enterprise Terminal (AFWET)							

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 (\$ M)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Quantity (Each)	Total Cost (\$ M)
Hardware Cost																			
Recurring Cost																			
† MODERNIZATION ENTERPRISE TERMINALS	A	-	-	25.020	-	-	22.261	-	-	22.461	-	-	22.937	-	-	-	12.214	15	183.216
AFWET UPGRADES	A	-	-	8.771	-	-	7.804	-	-	7.876	-	-	8.042	-	-	-	-	-	104.006
Total Recurring Cost				33.791			30.065			30.337			30.979			-			287.222
Total Hardware Cost				33.791			30.065			30.337			30.979			-			287.222
Support Cost																			
PROGRAM MANAGEMENT ADMINISTRATION (PMA) - AFWET		-	-	2.937	-	-	2.613	-	-	2.637	-	-	2.692	-	-	-	-	-	23.398
DIRECT MISSION SUPPORT		-	-	1.412	-	-	1.256	-	-	1.267	-	-	1.294	-	-	-	-	-	9.256
Total Support Cost				4.349			3.869			3.904			3.986			-			32.654
Gross Weapon System Cost				38.140			33.934			34.241			34.965			-			319.876

**P-5 Remarks:**

FAB-T quantities for FY15+ are not available due to the ongoing source selection activities.

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	19.434	34.713	29.859	-	29.859	38.140	33.934	34.241	34.965

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Exhibit P-5A, Budget Procurement History and Planning: PB Amended 2014 Air Force									Date: May 2013			
Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 03: Electronics and Telecommunications Equip / BSA 6: Space Programs				P-1 Line Item Nomenclature: 836780 - Milsatcom Space					Item Nomenclature: AF Wideband Enterprise Terminal (AFWET)			
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 (\$ M )	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
MODERNIZATION ENTERPRISE TERMINALS		2012	Harris / Melbourne, FL	WR	AFMC/ESC	Aug 2012	Nov 2013	2	6.848	Y		Aug 2012
MODERNIZATION ENTERPRISE TERMINALS		2013	Harris / Melbourne, FL	WR	AFMC/ESC	Jun 2013	Nov 2014	3	9.710	Y		Aug 2012
MODERNIZATION ENTERPRISE TERMINALS		2014	Harris / Melbourne, FL	WR	AFMC/ESC	Jun 2014	Jun 2015	4	6.537	Y		Aug 2012
Remarks: For GMT JIPM Modules: In FY 11, unit cost of \$397K for JIPM Modules is the procurement per module cost. FY 13 unit cost of \$30K is the integration cost per module.  FAB-T quantities and contract information for FY15+ are not available due to the ongoing source selection activities. Therefore, there are no P5A or P21 entries.												

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Exhibit P-5, Cost Analysis: PB Amended 2014 Air Force										Date: May 2013									
Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 03: Electronics and Telecommunications Equip / BSA 6: Space Programs				P-1 Line Item Nomenclature: 836780 - Milsatcom Space						Item Nomenclature (Item Number - Item Name, DODIC): Global Broadcast Service (GBS)									
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)		82.389	9.773	-	2.500	5.695	8.195	-	-	-	-	-	100.357						
Less PY Advance Procurement (\$ in Millions)		-	-	-	-	-	-	-	-	-	-	-	-						
Net Procurement (P1) (\$ in Millions)		82.389	9.773	-	2.500	5.695	8.195	-	-	-	-	-	100.357						
Plus CY Advance Procurement (\$ in Millions)		-	-	-	-	-	-	-	-	-	-	-	-						
Total Obligation Authority (\$ in Millions)		82.389	9.773	-	2.500	5.695	8.195	-	-	-	-	-	100.357						
(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																			
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 (\$ M)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Quantity (Each)	Total Cost (\$ M)
Hardware Cost																			
Recurring Cost																			
† GBS RECEIVE SUITES	A	0.250	240	60.000	0.253	9	2.275	-	-	-	0.115	1	0.115	-	-	-	0.115	1	0.115
GBS Receive Suites (OCO)	A	0.314	7	2.200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Joint IP Modem (PB)	A	0.011	240	2.575	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† GBS Rucksack Terminals	A	0.073	140	10.154	-	-	-	-	-	-	-	-	-	0.114	50	5.695	0.114	50	5.695
Total Recurring Cost				74.929			2.275			-			0.115			5.695			5.810
Total Hardware Cost				74.929			2.275			-			0.115			5.695			5.810
Support Cost																			
TRAINING, INTEGRATION, INSTALLATION, and Testing - GBS Receive Suites		-	-	0.664	-	-	0.457	-	-	-	-	-	0.975	-	-	-	-	-	0.975
SYSTEM ENGINEERING - GBS Receive Suites <sup>(1)</sup>		-	-	2.547	-	-	5.150	-	-	-	-	-	0.712	-	-	-	-	-	0.712
PROGRAM MANAGEMENT ADMINISTRATION		-	-	3.974	-	-	0.820	-	-	-	-	-	0.472	-	-	-	-	-	0.472

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Exhibit P-5, Cost Analysis: PB Amended 2014 Air Force														Date: May 2013					
Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 03: Electronics and Telecommunications Equip / BSA 6: Space Programs							P-1 Line Item Nomenclature: 836780 - Milsatcom Space							Item Nomenclature ( <i>Item Number - Item Name, DODIC</i> ): Global Broadcast Service (GBS)					
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 (\$ M)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Quantity (Each)	Total Cost (\$ M)
(PMA) - GBS Receive Suites																			
DIRECT MISSION SUPPORT		0.000	0	0.000	-	-	1.071	-	-	-	-	-	0.226	-	-	-	-	-	0.226
Training - GBS Rucksacks		-	-	0.275	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Support Cost				7.460			7.498			-			2.385			-			2.385
Gross Weapon System Cost				82.389			9.773			-			2.500			5.695			8.195

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 (\$ M)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Quantity (Each)	Total Cost (\$ M)
Hardware Cost																			
Recurring Cost																			
† GBS RECEIVE SUITES	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.250	250	62.390
GBS Receive Suites (OCO)	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.314	7	2.200
Joint IP Modem (PB)	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.011	240	2.575
† GBS Rucksack Terminals	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.083	190	15.849
Total Recurring Cost				-			-			-			-			-			83.014
Total Hardware Cost				-			-			-			-			-			83.014
Support Cost																			
TRAINING, INTEGRATION, INSTALLATION, and Testing - GBS Receive Suites		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.096
SYSTEM ENGINEERING - GBS Receive Suites		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.409
PROGRAM MANAGEMENT ADMINISTRATION (PMA) - GBS Receive Suites		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.266
DIRECT MISSION SUPPORT		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.297
Training - GBS Rucksacks		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.275

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Exhibit P-5, Cost Analysis: PB Amended 2014 Air Force														Date: May 2013						
Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 03: Electronics and Telecommunications Equip / BSA 6: Space Programs							P-1 Line Item Nomenclature: 836780 - Milsatcom Space							Item Nomenclature (Item Number - Item Name, DODIC): Global Broadcast Service (GBS)						
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 (\$ M )	Quantity (Each)	Total Cost (\$ M )	Unit Cost (\$ M )	Quantity (Each)	Total Cost (\$ M )	Unit Cost (\$ M )	Quantity (Each)	Total Cost (\$ M )	Unit Cost (\$ M )	Quantity (Each)	Total Cost (\$ M )	Unit Cost (\$ M )	Quantity (Each)	Total Cost (\$ M )	Unit Cost (\$ M )	Quantity (Each)	Total Cost (\$ M )
Total Support Cost					-			-			-			-			-			17.343
Gross Weapon System Cost					-			-			-			-			-			100.357
P-5 Remarks: FAB-T quantities for FY15+ are not available due to the ongoing source selection activities.																				
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		9.773		-		2.500		5.695		8.195		-		-		-		-	
Footnotes: (1) System engineering, program and training support in FY 2012 support both GBS Receive Suites, Rucksack Terminals, and Broadcast Manager Upgrades.																				

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Exhibit P-5A, Budget Procurement History and Planning: PB Amended 2014 Air Force									Date: May 2013			
Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 03: Electronics and Telecommunications Equip / BSA 6: Space Programs				P-1 Line Item Nomenclature: 836780 - Milsatcom Space					Item Nomenclature: Global Broadcast Service (GBS)			
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 (\$ M )	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
GBS RECEIVE SUITES		2012	TBD / TBD	C / IDIQ	AFMC/ESC	Jul 2013	Jul 2014	9	0.250	Y		May 2013
GBS RECEIVE SUITES		2014	TBD / TBD	C / IDIQ	AFMC/ESC	Apr 2014	Apr 2015	1	0.115	Y		Jan 2014
GBS Rucksack Terminals		2011	Windmill / Nashua, NH	C / IDIQ	AFMC/ESC	Apr 2013	Apr 2014	140	0.073	Y		Jan 2013
GBS Rucksack Terminals	✓	2014	Windmill / Nashua, NH	C / IDIQ	AFLCMC Hanscom AFB	Mar 2014	Mar 2015	50	0.114	Y		Jan 2014

**Remarks:**

For GMT JIPM Modules: In FY 11, unit cost of \$397K for JIPM Modules is the procurement per module cost. FY 13 unit cost of \$30K is the integration cost per module.

FAB-T quantities and contract information for FY15+ are not available due to the ongoing source selection activities. Therefore, there are no P5A or P21 entries.

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Exhibit P-5, Cost Analysis: PB Amended 2014 Air Force											Date: May 2013								
Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 03: Electronics and Telecommunications Equip / BSA 6: Space Programs				P-1 Line Item Nomenclature: 836780 - Milsatcom Space							Item Nomenclature (Item Number - Item Name, DODIC): Ground Multiband Terminals (GMT)								
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)		173.853	1.573	5.322	-	-	-	-	-	-	-	-	180.748						
Less PY Advance Procurement (\$ in Millions)		-	-	-	-	-	-	-	-	-	-	-	-						
Net Procurement (P1) (\$ in Millions)		173.853	1.573	5.322	-	-	-	-	-	-	-	-	180.748						
Plus CY Advance Procurement (\$ in Millions)		-	-	-	-	-	-	-	-	-	-	-	-						
Total Obligation Authority (\$ in Millions)		173.853	1.573	5.322	-	-	-	-	-	-	-	-	180.748						
(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																			
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 (\$ M)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Quantity (Each)	Total Cost (\$ M)
Hardware Cost																			
Recurring Cost																			
TERMINALS (AD)	A	1.602	20	32.030	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TERMINALS (AFR)	A	1.714	1	1.714	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ANTENNAS (AD)	A	0.714	67	47.840	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ANTENNAS (ANG)	A	0.700	40	28.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ANTENNAS (AFR)	A	0.826	4	3.302	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† JIPM Modems	A	0.037	63	2.342	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† GMT JIPM Modules	A	0.397	120	47.581	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Recurring Cost				162.809			-			-			-			-			-
Total Hardware Cost				162.809			-			-			-			-			-
Support Cost																			
SYSTEM ENGINEERING		-	-	3.012	-	-	0.840	-	-	0.227	-	-	-	-	-	-	-	-	-
Technical Data Package		0.000	0	0.000	-	-	-	-	-	4.217	-	-	-	-	-	-	-	-	-
PROGRAM MANAGEMENT ADMINISTRATION (PMA)		-	-	8.032	-	-	0.733	-	-	0.878	-	-	-	-	-	-	-	-	-
Total Support Cost				11.044			1.573			5.322			-			-			-
Gross Weapon System Cost				173.853			1.573			5.322			-			-			-



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Exhibit P-5, Cost Analysis: PB Amended 2014 Air Force														Date: May 2013					
Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 03: Electronics and Telecommunications Equip / BSA 6: Space Programs							P-1 Line Item Nomenclature: 836780 - Milsatcom Space							Item Nomenclature (Item Number - Item Name, DODIC): Ground Multiband Terminals (GMT)					
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 (\$ M )	Quantity (Each)	Total Cost (\$ M )	Unit Cost (\$ M )	Quantity (Each)	Total Cost (\$ M )	Unit Cost (\$ M )	Quantity (Each)	Total Cost (\$ M )	Unit Cost (\$ M )	Quantity (Each)	Total Cost (\$ M )	Unit Cost (\$ M )	Quantity (Each)	Total Cost (\$ M )	Unit Cost (\$ M )	Quantity (Each)	Total Cost (\$ M )
Hardware Cost																			
Recurring Cost																			
TERMINALS (AD)	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.602	20	32.030
TERMINALS (AFR)	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.714	1	1.714
ANTENNAS (AD)	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.714	67	47.840
ANTENNAS (ANG)	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.700	40	28.000
ANTENNAS (AFR)	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.826	4	3.302
† JIPM Modems	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.037	63	2.342
† GMT JIPM Modules	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.397	120	47.581
Total Recurring Cost				-			-			-			-			-			162.809
Total Hardware Cost				-			-			-			-			-			162.809
Support Cost																			
SYSTEM ENGINEERING		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.079
Technical Data Package		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.217
PROGRAM MANAGEMENT ADMINISTRATION (PMA)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9.643
Total Support Cost				-			-			-			-			-			17.939
Gross Weapon System Cost				-			-			-			-			-			180.748
P-5 Remarks: FAB-T quantities for FY15+ are not available due to the ongoing source selection activities.																			
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	1.573		5.322		-		-		-		-		-		-		-	
AFR	Quantity	-		-		-		-		-		-		-		-		-	
	Total Obligation Authority	-		-		-		-		-		-		-		-		-	
AFNG	Quantity	-		-		-		-		-		-		-		-		-	
	Total Obligation Authority	-		-		-		-		-		-		-		-		-	

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Exhibit P-5A, Budget Procurement History and Planning: PB Amended 2014 Air Force									Date: May 2013			
Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 03: Electronics and Telecommunications Equip / BSA 6: Space Programs			P-1 Line Item Nomenclature: 836780 - Milsatcom Space						Item Nomenclature: Ground Multiband Terminals (GMT)			
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 (\$ M )	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
JIPM Modems		2011	VIASAT / Carlsbad, CA	C / FFP	AFMC/ESC	Aug 2011	Jul 2012	63	0.037	Y		
GMT JIPM Modules		2011	L-3 COMM, Corp / Hauppauge, NY	C / FFP	AFMC/ESC	Aug 2011	Jul 2012	120	0.397	Y		
GMT JIPM Modules		2013	TBD / TBD	TBD	AFMC/ESC	Aug 2013	Jul 2014	-	-	Y		
Remarks: For GMT JIPM Modules: In FY 11, unit cost of \$397K for JIPM Modules is the procurement per module cost. FY 13 unit cost of \$30K is the integration cost per module.  FAB-T quantities and contract information for FY15+ are not available due to the ongoing source selection activities. Therefore, there are no P5A or P21 entries.												

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Exhibit P-5, Cost Analysis: PB Amended 2014 Air Force										Date: May 2013										
Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 03: Electronics and Telecommunications Equip / BSA 6: Space Programs				P-1 Line Item Nomenclature: 836780 - Milsatcom Space						Item Nomenclature (Item Number - Item Name, DODIC): MILSATCOM Sustainment Modifications										
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)		2.190	0.252	0.259	0.261	-	0.261	0.267	0.272	0.277	0.282	-	4.060							
Less PY Advance Procurement (\$ in Millions)		-	-	-	-	-	-	-	-	-	-	-	-							
Net Procurement (P1) (\$ in Millions)		2.190	0.252	0.259	0.261	-	0.261	0.267	0.272	0.277	0.282	-	4.060							
Plus CY Advance Procurement (\$ in Millions)		-	-	-	-	-	-	-	-	-	-	-	-							
Total Obligation Authority (\$ in Millions)		2.190	0.252	0.259	0.261	-	0.261	0.267	0.272	0.277	0.282	-	4.060							
(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																				
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 (\$ M)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Quantity (Each)	Total Cost (\$ M)	
Hardware Cost																				
Recurring Cost																				
MILSTAR SCMS MODS		A	2.190	1	2.190	0.252	1	0.252	0.259	1	0.259	-	-	0.261	-	-	-	-	-	0.261
Total Recurring Cost					2.190			0.252			0.259			0.261			-			0.261
Total Hardware Cost					2.190			0.252			0.259			0.261			-			0.261
Gross Weapon System Cost					2.190			0.252			0.259			0.261			-			0.261
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 (\$ M)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Quantity (Each)	Total Cost (\$ M)	
Hardware Cost																				
Recurring Cost																				
MILSTAR SCMS MODS		A	-	-	0.267	-	-	0.272	-	-	0.277	-	-	0.282	-	-	-	1.353	3	4.060
Total Recurring Cost					0.267			0.272			0.277			0.282			-			4.060
Total Hardware Cost					0.267			0.272			0.277			0.282			-			4.060
Gross Weapon System Cost					0.267			0.272			0.277			0.282			-			4.060

**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> 3080F: Other Procurement, Air Force / BA 03: Electronics and Telecommunications Equip / BSA 6: Space Programs	<b>P-1 Line Item Nomenclature:</b> 836780 - Milsatcom Space	<b>Item Nomenclature (Item Number - Item Name, DODIC):</b> MILSATCOM Sustainment Modifications

FAB-T quantities for FY15+ are not available due to the ongoing source selection activities.

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	0.252	0.259	0.261	-	0.261	0.267	0.272	0.277	0.282

**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> 3080F: Other Procurement, Air Force / BA 03: Electronics and Telecommunications Equip / BSA 6: Space Programs	<b>P-1 Line Item Nomenclature:</b> 836780 - Milsatcom Space	<b>Item Nomenclature</b> ( <i>Item Number - Item Name, DODIC</i> ): GBS Transmit Strings (PE 33600F)

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)	3.324	-	-	-	-	-	-	-	-	-	-	3.324
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	3.324	-	-	-	-	-	-	-	-	-	-	3.324
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (\$ in Millions)</b>	<b>3.324</b>	-	-	-	-	-	-	-	-	-	-	<b>3.324</b>

*(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

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 (\$ M)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Quantity (Each)	Total Cost (\$ M)
Support Cost																			
SYSTEM ENGINEERING AND INTEGRATION - GBS Transmit Strings		-	-	0.949	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TELEPORT INTEGRATION - GBS Transmit Strings		-	-	2.375	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>				3.324			-			-			-			-			-
<b>Gross Weapon System Cost</b>				<b>3.324</b>			-			-			-			-			-

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 (\$ M)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Quantity (Each)	Total Cost (\$ M)
Support Cost																			
SYSTEM ENGINEERING AND INTEGRATION - GBS Transmit Strings		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.949
TELEPORT INTEGRATION - GBS Transmit Strings		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.375

**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> 3080F: Other Procurement, Air Force / BA 03: Electronics and Telecommunications Equip / BSA 6: Space Programs								<b>P-1 Line Item Nomenclature:</b> 836780 - Milsatcom Space							<b>Item Nomenclature (Item Number - Item Name, DODIC):</b> GBS Transmit Strings (PE 33600F)				

  

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 (\$ M)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Quantity (Each)	Total Cost (\$ M)
Total Support Cost				-			-			-			-			-			3.324
Gross Weapon System Cost				-			-			-			-			-			3.324

  

**P-5 Remarks:**  
 FAB-T quantities for FY15+ are not available due to the ongoing source selection activities.

  

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	-	-	-	-	-	-	-	-	-

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<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> 3080F: Other Procurement, Air Force / BA 03: Electronics and Telecommunications Equip / BSA 6: Space Programs					<b>P-1 Line Item Nomenclature:</b> 836780 - Milsatcom Space					<b>Item Nomenclature (Item Number - Item Name, DODIC):</b> FAB-T		

<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> )	34.946	-	5.000	73.000	-	73.000	69.865	226.013	205.216	208.910	1,250.636	2,073.586
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) ( <i>\$ in Millions</i> )	34.946	-	5.000	73.000	-	73.000	69.865	226.013	205.216	208.910	1,250.636	2,073.586
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (<i>\$ in Millions</i>)</b>	<b>34.946</b>	<b>-</b>	<b>5.000</b>	<b>73.000</b>	<b>-</b>	<b>73.000</b>	<b>69.865</b>	<b>226.013</b>	<b>205.216</b>	<b>208.910</b>	<b>1,250.636</b>	<b>2,073.586</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 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

<b>Cost Elements</b> († indicates the presence of a P-5A)	<b>ID CD</b>	<b>All 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>Unit Cost (\$ M)</b>	<b>Quantity (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$ M)</b>	<b>Quantity (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$ M)</b>	<b>Quantity (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$ M)</b>	<b>Quantity (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$ M)</b>	<b>Quantity (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$ M)</b>	<b>Quantity (Each)</b>	<b>Total Cost (\$ M)</b>
Hardware Cost																			
Recurring Cost																			
FAB-T TERMINALS (AD)	A	-	-	27.703	-	-	-	-	-	-	-	-	68.000	-	-	-	-	-	68.000
Total Recurring Cost				27.703			-			-			68.000			-			68.000
Total Hardware Cost				27.703			-			-			68.000			-			68.000
Support Cost																			
SYSTEM ENGINEERING - FAB-T		-	-	5.268	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PROGRAM MANAGEMENT ADMINISTRATION (PMA) - FAB-T INC 1		-	-	1.975	-	-	-	-	-	-	-	-	5.000	-	-	-	-	-	5.000
PRODUCTION PLANNING		-	-	-	-	-	-	-	-	5.000	-	-	-	-	-	-	-	-	-
Total Support Cost				7.243			-			5.000			5.000			-			5.000
Gross Weapon System Cost				34.946			-			5.000			73.000			-			73.000

**UNCLASSIFIED**

Exhibit P-5, Cost Analysis: PB Amended 2014 Air Force														Date: May 2013					
Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 03: Electronics and Telecommunications Equip / BSA 6: Space Programs							P-1 Line Item Nomenclature: 836780 - Milsatcom Space							Item Nomenclature (Item Number - Item Name, DODIC): FAB-T					
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 (\$ M )	Quantity (Each)	Total Cost (\$ M )	Unit Cost (\$ M )	Quantity (Each)	Total Cost (\$ M )	Unit Cost (\$ M )	Quantity (Each)	Total Cost (\$ M )	Unit Cost (\$ M )	Quantity (Each)	Total Cost (\$ M )	Unit Cost (\$ M )	Quantity (Each)	Total Cost (\$ M )	Unit Cost (\$ M )	Quantity (Each)	Total Cost (\$ M )
Hardware Cost																			
Recurring Cost																			
FAB-T TERMINALS (AD)	A	-	-	64.865	-	-	221.013	-	-	200.216	-	-	203.910	-	-	1,250.636	-	-	2,036.343
Total Recurring Cost				64.865			221.013			200.216			203.910			1,250.636			2,036.343
Total Hardware Cost				64.865			221.013			200.216			203.910			1,250.636			2,036.343
Support Cost																			
SYSTEM ENGINEERING - FAB-T		-	-	1.789	-	-	1.789	-	-	1.789	-	-	1.789	-	-	-	-	-	12.424
PROGRAM MANAGEMENT ADMINISTRATION (PMA) - FAB-T INC 1		-	-	3.211	-	-	3.211	-	-	3.211	-	-	3.211	-	-	-	-	-	19.819
PRODUCTION PLANNING		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.000
Total Support Cost				5.000			5.000			5.000			5.000			-			37.243
Gross Weapon System Cost				69.865			226.013			205.216			208.910			1,250.636			2,073.586
P-5 Remarks: FAB-T quantities for FY15+ are not available due to the ongoing source selection activities.																			
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	-		5.000		73.000		-		73.000		69.865		226.013		205.216		208.910	



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Exhibit P-5, Cost Analysis: PB Amended 2014 Air Force										Date: May 2013									
Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 03: Electronics and Telecommunications Equip / BSA 6: Space Programs				P-1 Line Item Nomenclature: 836780 - Milsatcom Space						Item Nomenclature (Item Number - Item Name, DODIC): HDR-RF									
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)		14.950	4.949	2.298	0.315	-	0.315	-	-	-	-	-	22.512						
Less PY Advance Procurement (\$ in Millions)		-	-	-	-	-	-	-	-	-	-	-	-						
Net Procurement (P1) (\$ in Millions)		14.950	4.949	2.298	0.315	-	0.315	-	-	-	-	-	22.512						
Plus CY Advance Procurement (\$ in Millions)		-	-	-	-	-	-	-	-	-	-	-	-						
Total Obligation Authority (\$ in Millions)		14.950	4.949	2.298	0.315	-	0.315	-	-	-	-	-	22.512						
(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																			
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 (\$ M)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Quantity (Each)	Total Cost (\$ M)
Hardware Cost																			
Recurring Cost																			
HDR-RF MODULES		A	0.000	0	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HDR-RF GROUND TERMINALS <sup>(2)</sup>		A	2.449	3	7.346	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Q-LAA ANTENNAS		A	0.665	8	5.319	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Recurring Cost					12.665			-			-			-			-		-
Total Hardware Cost					12.665			-			-			-			-		-
Support Cost																			
SYSTEM ENGINEERING - HDR-RF			-	-	-	-	-	3.120	-	-	2.046	-	-	-	-	-	-	-	-
PROGRAM MANAGEMENT ADMINISTRATION (PMA) - HDR-RF			-	-	2.285	-	-	1.829	-	-	0.252	-	-	0.315	-	-	-	-	0.315
Total Support Cost					2.285			4.949			2.298			0.315			-		0.315
Gross Weapon System Cost					14.950			4.949			2.298			0.315			-		0.315

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Exhibit P-5, Cost Analysis: PB Amended 2014 Air Force														Date: May 2013					
Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 03: Electronics and Telecommunications Equip / BSA 6: Space Programs							P-1 Line Item Nomenclature: 836780 - Milsatcom Space							Item Nomenclature (Item Number - Item Name, DODIC): HDR-RF					
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 (\$ M)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Quantity (Each)	Total Cost (\$ M)
Hardware Cost																			
Recurring Cost																			
HDR-RF MODULES	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HDR-RF GROUND TERMINALS	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.449	3	7.346
Q-LAA ANTENNAS	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.665	8	5.319
Total Recurring Cost				-			-			-			-			-			12.665
Total Hardware Cost				-			-			-			-			-			12.665
Support Cost																			
SYSTEM ENGINEERING - HDR-RF		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.166
PROGRAM MANAGEMENT ADMINISTRATION (PMA) - HDR-RF		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.681
Total Support Cost				-			-			-			-			-			9.847
Gross Weapon System Cost				-			-			-			-			-			22.512
P-5 Remarks: FAB-T quantities for FY15+ are not available due to the ongoing source selection activities.																			
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	4.949		2.298		0.315		-		0.315		-		-		-		-	
Footnotes: (2) Funding is procuring 3 GMT Terminals to support the HDR-RF program																			

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

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3080F: Other Procurement, Air Force / BA 04: Other Base Maintenance and Support Equip / BSA 5: Base Support Equipment	<b>P-1 Line Item Nomenclature:</b> 845100 - Contingency Operations
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<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>
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**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>	-	34.854	70.448	33.768	60.600	94.368	63.632	39.062	20.480	43.397	-	366.241
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) <i>(\$ in Millions)</i>	-	34.854	70.448	33.768	60.600	94.368	63.632	39.062	20.480	43.397	-	366.241
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> <i>(\$ in Millions)</i>	-	<b>34.854</b>	<b>70.448</b>	<b>33.768</b>	<b>60.600</b>	<b>94.368</b>	<b>63.632</b>	<b>39.062</b>	<b>20.480</b>	<b>43.397</b>	-	<b>366.241</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 includes \$43.19 appropriated for Overseas Contingency Operations.

Contingency Operations, is part of the Agile Combat Support framework and provides integrated capabilities to support aircraft deployment, launch, recovery, and regeneration at air bases worldwide. Contingency operations and Air Force Civil Engineering Readiness' top priorities are to safely perform reconnaissance, locate and neutralize unexploded ordnance, and accomplish damage assessment. The Airfield Damage Repair (ADR) program provides civil engineers specialized airfield damage repair equipment/materials to rapidly repair and recover airfields after attack.

Protection capabilities, including explosive ordnance disposal (EOD) operations, are increasingly vital in protecting personnel, aircraft, and other critical resources both at home and abroad. In addition to wartime operations, EOD supports global contingencies for force protection, relief efforts, and special operations. Capabilities provided by robotics programs are crucial in reducing time and danger when investigating and eliminating explosive hazards. The Navy is the Single Service Manager for EOD.

Program elements associated with this P-1 Line are: 0208028F (Contingency Operations) and 0204424f (Explosive Ordnance Disposal Forces)

-Future Radiographic System: Explosive Ordnance Disposal (EOD) teams diagnose, identify, and neutralize hazards from explosive related incidents, which present a threat to operations, installations, personnel or materiel. Current EOD counter-improvised explosive device x-ray equipment is becoming obsolete. Film and processors are no longer manufactured for use with current systems which forces the team to rely on aging digital imaging systems. Current systems are bulky, inflexible and do not take advantage of current technologies. This is a joint service requirement that is validated through the EOD Military Technical Acceptance Board (MTAB), a joint service entity with oversight by the Dept of the Navy (Executive Agent for EOD Training and Technology). The Decision Support System (DSS) provides the computing resource to operate the radiographic system.

FY14 funding (\$11.4M) will procure one hundred forty five (143) units.

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<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> 3080F: Other Procurement, Air Force / BA 04: Other Base Maintenance and Support Equip / BSA 5: Base Support Equipment							<b>P-1 Line Item Nomenclature:</b> 845100 - Contingency Operations													
<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>-Fuze Disassembly (Improved Mechanical Remote Fuze Disassembly Kit (I-MRFDK): The I-MRFDK is a versatile portable system, which will ensure a safe and effective means for the disassembly of a large number of fuzes or other ordnance varying in both shape and size. It has the capability to work on both large and small munition components. FY14 funding (\$.15M) will procure two (2) units.</p> <p>-Base Support Emergency Response Unit: Provides EOD Flights a command standardized means to transport specialized EOD equipment and personnel in response to explosive emergencies and incidents involving IED/WMD's, aircraft (flightline), conventional munitions and aircraft mishaps. Provides C2 capability for incident command and team leader operations. FY14 funding (\$2.1M) will procure seven (7) units.</p> <p>-Total Containment Vessel (TCV): Self contained bomb containment system capable of repeatedly containing the overpressure and fragmentation (within the vessel) associated with the detonation of high explosives (HE) and or improvised explosive devices (IED). FY14 funding (\$.930M) will procure four (4) TCVs.</p> <p>-Air Field Damage Repair Kits: The Repair Kits were previously described as R-1, R-2, R-3 Kits. The new configuration will consist of several components: training kit, basic/small kit, medium kit, large kit, and very large kit. The Basic/Small kit is used to provide basic repair equipment/materials in order to repair approximately 18 small (10 ft diameter) craters or three, 25 diameter craters in 6.5 hours. Additional airfield damage can be repaired based on the availability of time and materials. Basic/Small kits will also be used at training locations. Medium, Large and Very Large kits are building block kits that when combined, provide a scalable capability. A Medium Kit repairs 54 small or three large (50 ft dia.) craters in 6.5 hours, Large Kit 96 small or six large craters in 6.5 hours, or Very Large Kit 120 small or 12 large craters in 6.5 hours. This capability can be prepositioned or forward deployed to support recovery after attack or a single/multiple kits can be deployed to a forward operating base to repair varying degrees of airfield damage at a main operating base. FY14 baseline funding (\$21.9M) will procure two (2) Training and three (3) Medium kits.</p>																				
<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	25.354	59.614	12.139	60.600	72.739	-	-	-	-										
AFNG	Quantity	-	-	-	-	-	-	-	-	-										
	Total Obligation Authority	-	-	10.229	-	10.229	-	-	-	-										
<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>
Contingency Operations	P40A, P5A				0.000			34.854			70.448			33.768			60.600			94.368
<b>Total Gross/Weapon System Cost</b>					-			<b>34.854</b>			<b>70.448</b>			<b>33.768</b>			<b>60.600</b>			<b>94.368</b>
<p>*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.</p> <p>Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.</p> <p><b>Justification:</b> FY14 procurement dollars procures Future Radiographic Systems, Total Containment Vessels, Base Emergency Response Transports, Fuze Disassembly System, and Airfield Damage Repair Kits.</p>																				

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<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> 3080F: Other Procurement, Air Force / BA 04: Other Base Maintenance and Support Equip / BSA 5: Base Support Equipment		<b>P-1 Line Item Nomenclature:</b> 845100 - Contingency Operations
<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 current fielded AF Civil Engineer airfield repair capability is based on a legacy cold war threat. These equipment sets, repair materials, and Tactics, Techniques, and procedures (TTPs) only support temporary repairs to dozens of craters, supporting a single airframe type; and are inadequate to respond to current threats. The FY14 monies will provide an initial Airfield Damage Repair (ADR) capability to provide semi-permanent repairs for hundreds of craters and supporting multiple airframe types. This capability consists of normal heavy construction vehicles and specialized equipment and materials to support rapid setting concrete and pelletized asphalt repairs. Without ADR modernization, AF Civil Engineers will not be postured to support the stringent repair timeline required to support current contingency response plans. The unit cost of the Repair Kits do vary based on legacy equipment already in place.</p> <p>Items requested in FY14 are a continuing requirement, are identified on the following P-40A and are representative of items to be procured. Items procured during execution may change based on critical equipment needed to support current Air Force mission requirements.</p> <p>FY14 OCO request supports modernizing (5) ADR equipment sets enabling airfield recovery from anti-access/area-denial attacks and provides semi-permanent repairs that are suitable for all aircraft types. Legacy ADR equipment and materials currently fielded in CENTCOM were designed to repair a small number of large-diameter craters following an attack. Additionally, legacy repair methods will only support either heavy or fighter aircraft, not both. An attack on a CENTCOM airbase using anti-access/area-denial weapons could result in over 100 crater, and most operations at these locations require airfields that can support multiple types of aircraft.</p>		

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB Amended 2014 Air Force																	Date: May 2013				
Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 04: Other Base Maintenance and Support Equip / BSA 5: Base Support Equipment							P-1 Line Item Nomenclature: 845100 - Contingency Operations							Aggregated Item Name: Contingency Operations							
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 (\$ 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 )	
JCREW																					
JCREW FY11 BASELINE <sup>(1)</sup>	A		0.000	82	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
† JCREW Dismounted <sup>(2)</sup>	A		0.000	0	0.000	-	-	-	0.186	80	14.880	-	-	-	-	-	-	-	-	-	
Secondary Distribution																					
AF				-	-		-	-		80	14.880		-	-		-	-		-	-	
† JCREW Mounted Kit A	A		0.000	0	0.000	-	-	-	0.027	246	6.651	-	-	-	-	-	-	-	-	-	
Secondary Distribution																					
AF				-	-		-	-		246	6.651		-	-		-	-		-	-	
† JCREW Mounted Kit B	A		0.000	0	0.000	-	-	-	0.125	82	10.250	-	-	-	-	-	-	-	-	-	
Secondary Distribution																					
AF				-	-		-	-		82	10.250		-	-		-	-		-	-	
Subtotal JCREW					0.000			-			31.781			-			-			-	
T-HAWK																					
† T-HAWK <sup>(3)</sup>	A		0.000	15	0.000	0.270	4	1.080	-	-	-	-	-	-	-	-	-	-	-	-	
Secondary Distribution																					
AF				-	-		4	1.080		-	-		-	-		-	-		-	-	
Subtotal T-HAWK					0.000			1.080			-			-			-			-	
CREW DISMOUNTED (EOD SPECIFIC)																					
FY12 BASELINE CREW DISMOUNTED	A		0.000	112	0.000	0.062	8	0.495	-	-	-	-	-	-	-	-	-	-	-	-	
Secondary Distribution																					
AF				-	-		8	0.495		-	-		-	-		-	-		-	-	
Subtotal CREW DISMOUNTED (EOD SPECIFIC)					0.000			0.495			-			-			-			-	
Uncategorized																					
F6A ROBOTS	A		0.000	8	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
† SMALL CALIBER ULTRA LIGHT SYSTEM	A		0.000	0	0.000	0.210	60	12.600	-	-	-	-	-	-	-	-	-	-	-	-	
Secondary Distribution																					
AF				-	-		60	12.600		-	-		-	-		-	-		-	-	
† HD-1 BLOCK UPGRADE	A		0.000	0	0.000	0.110	50	5.500	-	-	-	-	-	-	-	-	-	-	-	-	

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB Amended 2014 Air Force																	Date: May 2013			
Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 04: Other Base Maintenance and Support Equip / BSA 5: Base Support Equipment									P-1 Line Item Nomenclature: 845100 - Contingency Operations								Aggregated Item Name: Contingency Operations			
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 (\$ 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 )
† FUTURE RADIOGRAPHIC SYSTEM (FRS) <sup>(4)</sup>	A		0.000	60	0.000	0.080	50	4.000	0.052	207	10.834	0.080	143	11.400	-	-	-	0.080	143	11.400
† Total Containment Vessel	A		0.000	0	0.000	-	-	-	0.300	3	0.900	0.325	4	1.300	-	-	-	0.325	4	1.300
Secondary Distribution																				
AF				-	-		-	-		3	0.900		4	1.300		-	-		4	1.300
† Base Support Emergency Response Transport	A		-	-	-	-	-	-	-	-	-	0.300	7	2.100	-	-	-	0.300	7	2.100
Secondary Distribution																				
AF				-	-		-	-		-	-		7	2.100		-	-		7	2.100
† Explosive Detectors	A		0.000	0	0.000	-	-	-	0.015	20	0.300	-	-	-	-	-	-	-	-	-
Secondary Distribution																				
AF				-	-		-	-		20	0.300		-	-		-	-		-	-
† Demo Firing Devices	A		-	-	-	-	-	-	0.050	8	0.400	-	-	-	-	-	-	-	-	-
Secondary Distribution																				
AF				-	-		-	-		8	0.400		-	-		-	-		-	-
† Fuze Disassembly System, Explosive Ordnance Disposal	A		-	-	-	-	-	-	-	-	-	0.080	2	0.160	-	-	-	0.080	2	0.160
Secondary Distribution																				
AF				-	-		-	-		-	-		2	0.160		-	-		2	0.160
† SUSTAINMENT REPAIR KIT	A		0.000	8	0.000	0.817	5	4.085	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution																				
AF				-	-		5	4.085		-	-		-	-		-	-		-	-
† RECOVERY REPAIR KIT (Training Sized)	A		-	-	-	-	-	-	-	-	-	5.115	2	10.229	-	-	-	5.115	2	10.229
Secondary Distribution																				
AFNG				-	-		-	-		-	-		2	10.229		-	-		2	10.229
† RECOVERY REPAIR KIT - R1 (Medium Sized Kit)	A		0.000	0	0.000	1.150	4	4.600	3.668	7	25.678	8.579	1	8.579	12.120	5	60.600	11.530	6	69.179
Secondary Distribution																				
AF				-	-		4	4.600		7	25.678		1	8.579		5	60.600		6	69.179
† RECOVERY REPAIR KIT - R2	A		0.000	0	0.000	0.917	1	0.917	0.555	1	0.555	-	-	-	-	-	-	-	-	-
Secondary Distribution																				

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB Amended 2014 Air Force																Date: May 2013				
Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 04: Other Base Maintenance and Support Equip / BSA 5: Base Support Equipment						P-1 Line Item Nomenclature: 845100 - Contingency Operations						Aggregated Item Name: Contingency Operations								
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 (\$ 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 )
AF				-	-		1	0.917		1	0.555		-	-		-	-		-	-
† RECOVERY REPAIR KIT - R3	A		0.000	0	0.000	0.560	1	0.560	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution																				
AF				-	-		1	0.560		-	-		-	-		-	-		-	-
† RUBBER REMOVAL/ PAINT STRIPING KIT	A		0.000	0	0.000	1.017	1	1.017	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution																				
AF				-	-		1	1.017		-	-		-	-		-	-		-	-
Subtotal Uncategorized						0.000			33.279			38.667			33.768			60.600		94.368
Total						0.000			34.854			70.448			33.768			60.600		94.368
Footnotes: (1) IDENTIFIED AS "CREW" IN THE FY11 PB (2) Reference footnote (1) (3) IDENTIFIED AS "GMAV" IN THE FY11 PB (4) IDENTIFIED AS "EOD X-RAY" IN THE FY11 PB																				



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Exhibit P-5A, Budget Procurement History and Planning: PB Amended 2014 Air Force									Date: May 2013			
Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 04: Other Base Maintenance and Support Equip / BSA 5: Base Support Equipment				P-1 Line Item Nomenclature: 845100 - Contingency Operations					Aggregated Item Name: Contingency Operations			
Items	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 (\$ M )	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
JCREW												
JCREW Dismounted		2013	UNKNOWN / UNKNOWN	MIPR	HQ ACC	May 2013	Sep 2013	80	0.186	Y		
JCREW Mounted Kit A		2013	UNKNOWN / UNKNOWN	MIPR	HQ ACC	May 2013	Sep 2013	246	0.027	Y		
JCREW Mounted Kit B		2013	UNKNOWN / UNKNOWN	MIPR	HQ ACC	May 2013	Sep 2013	82	0.125	Y		
T-HAWK												
T-HAWK		2012	HONEYWELL / MORRISONTOWN, NJ	C / BA	HQ ACC	May 2012	May 2013	4	0.270	Y		
Uncategorized												
SMALL CALIBER ULTRA LIGHT SYSTEM		2012	UNKNOWN / UNKNOWN	C / FFP	HQ ACC	May 2013	Aug 2013	60	0.210	Y		
HD-1 BLOCK UPGRADE		2012	REMOTEK, INC / CLINTON, TN	C / IDIQ	HQ ACC	Sep 2012	Nov 2012	50	0.110	Y		
FUTURE RADIOGRAPHIC SYSTEM (FRS)		2012	SCIENCE APPLICATIONS INTERNATIONAL CORP / SAN DIEGO, CA	C / BA	HQ ACC	May 2012	May 2013	50	0.080	Y		
FUTURE RADIOGRAPHIC SYSTEM (FRS)		2013	SCIENCE APPLICATIONS INTERNATIONAL CORP / SAN DIEGO, CA	C / CPFF	HQ ACC	May 2013	May 2014	207	0.052	Y		
FUTURE RADIOGRAPHIC SYSTEM (FRS)		2014	SCIENCE APPLICATIONS INTERNATIONAL CORP / SAN DIEGO CA	C / CPFF	HQ ACC	May 2014	Jan 2015	143	0.080	Y		
Total Containment Vessel		2013	NBACO, INC / CANONSBURG, PA	C / FFP	HQ ACC	Jul 2013	Sep 2013	3	0.300	Y		
Total Containment Vessel		2014	NBACO, INC / CANONSBURG, PA	C / FFP	HQ ACC	Jul 2013	Sep 2013	4	0.325	Y		
Base Support Emergency Response Transport		2014	UNKNOWN / UNKNOWN	TBD	HQ ACC	May 2014	Sep 2014	7	0.300	Y		
Explosive Detectors		2013	UNKNOWN / UNKNOWN	C / FFP	HQ ACC	Jul 2013	Sep 2013	20	0.015	Y		
Demo Firing Devices		2013	UNKNOWN / UNKNOWN	C / FFP	HQ ACC	Jul 2013	Sep 2013	8	0.050	Y		
Fuze Disassembly System, Explosive Ordnance Disposal		2014	General Dynamics / 12644 Research PKWY Orlando, FL	C / CPFF	HQ ACC	Sep 2014	Dec 2014	2	0.080	Y		
SUSTAINMENT REPAIR KIT		2010	Army / Vicksburg, MS	MIPR	HQ ACC	Sep 2011	Mar 2012	8	0.863	Y		
SUSTAINMENT REPAIR KIT		2012	DLA / VICKSBURG, MS	MIPR	HQ ACC	Mar 2012	Mar 2013	5	0.817	Y		
RECOVERY REPAIR KIT (Training Sized)		2014	DLA / UNKNOWN	MIPR	HQ ACC	Jul 2014	Sep 2015	2	5.115	Y		

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Exhibit P-5A, Budget Procurement History and Planning: PB Amended 2014 Air Force									Date: May 2013			
Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 04: Other Base Maintenance and Support Equip / BSA 5: Base Support Equipment				P-1 Line Item Nomenclature: 845100 - Contingency Operations					Aggregated Item Name: Contingency Operations			
Items	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>(\$ M )</i>	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
RECOVERY REPAIR KIT - R1 (Medium Sized Kit)		2012	DLA / VICKSBURG, MS	MIPR	HQ ACC	Sep 2012	Feb 2013	4	1.150	Y		
RECOVERY REPAIR KIT - R1 (Medium Sized Kit)		2013	DLA / UNKNOWN	MIPR	HQ ACC	Jul 2013	Nov 2013	7	3.668	Y		
RECOVERY REPAIR KIT - R1 (Medium Sized Kit)		2014	DLA / UNKNOWN	MIPR	HQ ACC	Jul 2014	Sep 2014	1	8.579	Y		
RECOVERY REPAIR KIT - R1 (Medium Sized Kit)	✓	2014	DLA / UNKNOWN	MIPR	HQ ACC	Jul 2013	Sep 2013	5	12.120	Y		
RECOVERY REPAIR KIT - R2		2012	DLA / VICKSBURG, MS	MIPR	HQ ACC	Mar 2012	Mar 2013	1	0.917	Y		
RECOVERY REPAIR KIT - R2		2013	DLA / UNKNOWN	MIPR	HQ ACC	Jun 2013	Sep 2013	1	0.555	Y		
RECOVERY REPAIR KIT - R3		2012	DLA / VICKSBURG, MS	MIPR	HQ ACC	Mar 2012	Mar 2013	1	0.560	Y		
RUBBER REMOVAL/PAINT STRIPING KIT		2012	DLA / VICKSBURG, MS	MIPR	HQ ACC	Sep 2012	Jul 2013	1	1.017	Y		

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

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3080F: Other Procurement, Air Force / BA 04: Other Base Maintenance and Support Equip / BSA 5: Base Support Equipment	<b>P-1 Line Item Nomenclature:</b> 845420 - Mobility Equipment
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<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>
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**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>	-	30.145	23.871	12.859	68.000	80.859	14.145	10.794	9.346	9.563	-	178.723
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) <i>(\$ in Millions)</i>	-	30.145	23.871	12.859	68.000	80.859	14.145	10.794	9.346	9.563	-	178.723
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> <i>(\$ in Millions)</i>	-	<b>30.145</b>	<b>23.871</b>	<b>12.859</b>	<b>68.000</b>	<b>80.859</b>	<b>14.145</b>	<b>10.794</b>	<b>9.346</b>	<b>9.563</b>	-	<b>178.723</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:

FY12 funding total includes \$9.8M appropriated for Overseas Contingency Operations.

FY13 funding total includes \$9.4M appropriated for Overseas Contingency Operations.

This program funds procurement of Basic Expeditionary Airfield Resources (BEAR). It includes equipment to support the beddown of deployed forces (personnel, aircraft, support equipment, and munitions) at austere sites lacking infrastructure. BEAR assets are a critical Agile Combat Support enabler for the Expeditionary Air Force. The BEAR program is in the midst of transitioning to the BEAR Order of Battle consisting of Unit Type Codes (UTC's) that will right sized to meet the user's needs and will result in lighter, leaner, more deployable configurations. BEAR is composed of six types of support packages: the air base capability, housekeeping, kitchen and laundry, hygiene facilities, billeting, and power generation. Flightline packages consist of airfield lighting, aircraft hangars, fire stations, and numerous additional systems to support flightline operations. Training equipment provides new and replacement equipment items to support BEAR training facilities at Silver Flag Sites, Regional Training Sites, Technical Schools, Technical Certification Centers, Services Combat Center Training, 49MMG, and Eagle Flag. Costs include inventory reconstitution, spares and consumables, repairs, and procurement of new equipment for upgrades or full UTC's replacement. BEAR demonstrated its critical role in support of Operations Enduring Freedom and other operations worldwide.

Program element associated with this P-1 Line is: 0401135F.

The AF continues to modernize major BEAR components to replace obsolete and inefficient items (e.g. Force Module Water System, Power Generation, Expeditionary Airfield Lighting, Mobile Aircraft Arresting Systems, Hygiene, Refrigeration, Shelters, Shelter Flooring, and Feeding):

Force Module Water System: Water System takes non-potable water and converts it into potable water. The system is modular and scalable in design and consists of Source Run, Water Production, Reverse Osmosis Water Purification Unit (ROWPU), Initial, Follow-on, and Industrial Operations, Flight line Extension, freeze protection, grey water recovery, pumping, piping, and storage equipment; applicable fittings; and other components such as fluid control valves.

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<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> 3080F: Other Procurement, Air Force / BA 04: Other Base Maintenance and Support Equip / BSA 5: Base Support Equipment										<b>P-1 Line Item Nomenclature:</b> 845420 - Mobility Equipment										
<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>  Power: System consists of prime and secondary power equipment which provides the capability to generate and distribute power to billeting, feeding, flight line and industrial operations at forward deployed sites.  Expeditionary Airfield Lighting System: Runway lighting system designed to be rapidly installed at contingency airfields and at other locations that need temporary airfield lighting. The lighting kit for runways includes runway edge and threshold lights, precision approach path indicator (PAPI) lights, incandescent and strobe approach lights, distance to go marker lamps, airfield arresting system marker lamps, taxiway lights, and battery-operated obstruction lights. Also includes generators, cables, control panels, transformers and regulators packaged on six (6) mobile trailers.  Mobile Aircraft Arresting System: This air transportable barrier arresting Bak-12 mounted on a mobile trailer to accommodate the recovery of fighter aircraft returning to battle damaged airfield.  Hygiene: Hygiene includes Shower, Shave and Latrine, and Self Help Laundry system which provides personal hygiene facilities in support of BEAR bases.  Refrigeration: Refrigeration units designed for the carriage of deep frozen, frozen, chilled and general cargo by road, rail, air, and sea (above or below deck), suitable for austere environmental conditions. It is used to support the BEAR services, feeding and mortuary operations.  Shelters: Shelters vary in sizes and are needed for billeting, kitchen, hygiene, and aircraft and equipment maintenance. Includes lighting, electrical equipment, environmental control units, remote area lighting, Shelter Flies, Shelter Flooring/matting for various shelter sizes, Shelter liners.  Shelter Flooring: Shelter flooring varies in size for small and large shelters (ACH, LAMS, Mortuary).  Feeding: BEAR Feeding includes kitchen and all applicable equipment. BEAR Feeding system provides the capability to prepare, then serve, 500 meals over a two hour serving period, twice per day (24 hour period). The Feeding system is world wide deployable and supports numerous basing options. This system supports initial mission requirements and follow-on high mobility feeding requirements for rapidly deployable mobility packages and other contingencies in all theaters of operation.																				
<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 (\$)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>
Mobility Equipment	P40A, P5A				0.000			30.145			23.871			12.859			68.000			80.859
<b>Total Gross/Weapon System Cost</b>					-			30.145			23.871			12.859			68.000			80.859
*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> FY14 procurement dollars in the amount of \$12.859M procures sixteen(16) Power Generators with applicable secondary equipment, twenty four (24) Shelter Units, one (1) Hygiene unit, and PMA dollars in support of installation and unit mission requirements for Air Force Personnel.																				

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<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> 3080F: Other Procurement, Air Force / BA 04: Other Base Maintenance and Support Equip / BSA 5: Base Support Equipment		<b>P-1 Line Item Nomenclature:</b> 845420 - Mobility Equipment
<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>FY14 OCO dollars in the amount of \$68M procures (7)EALS, (29) Power Generators, (135) Shelters, (36) Hygiene Units, and (272)Feeding Units, in the support of installation and unit mission requirements for Air force Personnel.</p> <p>Items requested in FY14 are a continuing requirement, are identified on the following P40A and are representative of items to be procured. Items procured during execution may change based on critical equipment needed to support current Air Force mission requirements.</p>		

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB Amended 2014 Air Force															Date: May 2013					
Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 04: Other Base Maintenance and Support Equip / BSA 5: Base Support Equipment						P-1 Line Item Nomenclature: 845420 - Mobility Equipment									Aggregated Item Name: Mobility Equipment					
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																				
† MOBILITY EQUIPMENT (SETS)	A		0.00	0	0.000	-	-	-	298,333.33	6	1.790	-	-	-	-	-	-	-	-	-
† FORCE MODULE WATER SYSTEM	A		0.00	0	0.000	-	-	-	251,500.00	1	0.252	-	-	-	-	-	-	-	-	-
† EALS	A		0.00	0	0.000	1,180K	5	5.900	1,172K	5	5.859	-	-	-	1,218K	7	8.527	1,218K	7	8.527
† POWER GENERATION <sup>(1)</sup>	A		0.00	0	0.000	515,789.47	19	9.800	666,620.00	10	6.666	683,500.00	16	10.936	683,500.00	29	19.822	683,500.00	45	30.758
† REFRIGERATION <sup>(2)</sup>	A		-	-	-	-	-	-	24,183.01	307	7.424	-	-	-	-	-	-	-	-	-
† SHELTER FLY	A		-	-	-	-	-	-	4,000.00	1	0.004	-	-	-	-	-	-	-	-	-
† SHELTERS	A		-	-	-	-	-	-	30,000.00	1	0.030	17,000.00	24	0.408	17,000.00	135	2.295	17,000.00	159	2.703
† SHELTER SUB FLOOR	A		-	-	-	-	-	-	2,000.00	1	0.002	-	-	-	-	-	-	-	-	-
† MAAS	A		-	-	-	-	-	-	737,000.00	1	0.737	-	-	-	-	-	-	-	-	-
† HYGIENE	A		-	-	-	370,384.62	39	14.445	221,400.00	5	1.107	470,000.00	1	0.470	470,000.00	36	16.920	470,000.00	37	17.390
† FEEDING	A		-	-	-	-	-	-	-	-	-	-	-	-	75,132.35	272	20.436	75,132.35	272	20.436
PMA - OTHER GOVERNMENT COST	A		-	-	-	-	-	-	-	-	-	-	-	0.116	-	-	-	-	-	0.116
PMA- CONTRACTOR SERVICES	A		-	-	-	-	-	-	-	-	-	-	-	0.929	-	-	-	-	-	0.929
Total					0.000			30.145			23.871			12.859			68.000			80.859
P-40A Remarks: Unit Costs for FY14 are assumed and subject to change.  PMA- Other Government Cost consist of Travel (\$81,000), Supplies (\$5,000), and IT Support (\$30,000) PMA- Contractor Services consist of Advisory and Assistant Services (\$929,000). Footnotes: <sup>(1)</sup> FY12 funding total includes \$9.8M for Overseas Contingency Operations to procure 19 Power Generators. <sup>(2)</sup> FY13 funding total includes \$9.4M for Overseas Contingency Operations to procure 307 Refrigerators and 3 Power Generators.																				

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Exhibit P-5A, Budget Procurement History and Planning: PB Amended 2014 Air Force									Date: May 2013			
Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 04: Other Base Maintenance and Support Equip / BSA 5: Base Support Equipment				P-1 Line Item Nomenclature: 845420 - Mobility Equipment					Aggregated Item Name: Mobility Equipment			
Items	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
Uncategorized												
MOBILITY EQUIPMENT (SETS)		2013	MULTIPLE / UNKNOWN	C / FFP	AFMC/ WR-ALC	Jun 2013	Dec 2014	6	298,333.33	Y		
FORCE MODULE WATER SYSTEM		2013	J.G.B. ENTERPRISES, INC / LIVERPOOL, NY	C / FFP	AFMC/ WR-ALC	May 2013	Nov 2014	1	251,500.00	Y		
EALS		2012 <sup>(3)</sup>	TACTICAL LIGHTING SYSTEMS, INC. / ADDISON, IL	C / FFP	AFMC/ WR-ALC	May 2012	Nov 2012	5	1,180K	Y		
EALS		2013 <sup>(4)</sup>	TACTICAL LIGHTING SYSTEMS, INC. / ADDISON, IL	C / FFP	AFMC/ WR-ALC	May 2013	Nov 2013	5	1,172K	Y		
EALS	✓	2014	TACTICAL LIGHTING SYSTEMS, INC. / ADDISON, IL	C / FFP	AFMC/ WR-ALC	May 2014	Nov 2014	7	1,218K	Y		
POWER GENERATION		2012 <sup>(5)</sup>	Onan Corporation / Minneapolis, MN	C / FFP	AFMC/ WR-ALC	May 2012	Nov 2014	19	515,789.47	Y		
POWER GENERATION		2013 <sup>(6)</sup>	Onan Corporation / Minneapolis, MN	C / FFP	AFMC/ WR-ALC	May 2013	Nov 2014	10	666,620.00	Y		
POWER GENERATION		2014	Onan Corporation / Minneapolis, MN	C / FFP	AFMC/ WR-ALC	Feb 2014	Jan 2015	16	683,500.00	Y		
POWER GENERATION	✓	2014	Onan Corporation / Minneapolis, MN	C / FFP	AFMC/ WR-ALC	Feb 2014	Jan 2015	29	683,500.00	Y		
REFRIGERATION		2013 <sup>(7)</sup>	MAINSTREAM / ROCKLEDGE, FL	C / CPAF	AFMC/ WR-ALC	May 2013	Nov 2014	307	24,183.01	Y		
SHELTER FLY		2013	UNKNOWN / UNKNOWN	C / FFP	AFMC/ WR-ALC	Jun 2013	Dec 2013	1	4,000.00	Y		
SHELTERS		2013	UNKNOWN / UNKNOWN	C / FFP	AFMC/ WR-ALC	Jun 2013	Dec 2013	1	30,000.00	Y		
SHELTERS		2014	UNKNOWN / UNKNOWN	C / FFP	AFMC/ WR-ALC	Jun 2014	Dec 2014	24	17,000.00	Y		
SHELTERS	✓	2014	UNKNOWN / UNKNOWN	C / FFP	AFMC/ WR-ALC	Jan 2014	Feb 2014	135	17,000.00	Y		
SHELTER SUB FLOOR		2013	UNKNOWN / UNKNOWN	C / FFP	AFMC/ WR-ALC	Aug 2013	Nov 2013	1	2,000.00	Y		
MAAS		2013	UNKNOWN / UNKNOWN	C / FFP	AFMC/ WR-ALC	Jun 2013	Dec 2014	1	737,000.00	Y		
HYGIENE		2012	Sea Box INC / East Riverton, NJ	C / CPAF	AFMC/ WR-ALC	Sep 2013	Aug 2014	39	370,384.62	Y		

**UNCLASSIFIED**

Exhibit P-5A, Budget Procurement History and Planning: PB Amended 2014 Air Force									Date: May 2013			
Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 04: Other Base Maintenance and Support Equip / BSA 5: Base Support Equipment				P-1 Line Item Nomenclature: 845420 - Mobility Equipment					Aggregated Item Name: Mobility Equipment			
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
HYGIENE		2013	Sea Box INC / East Riverton, NJ	C / CPAF	AFMC/WR-ALC	Sep 2014	Aug 2015	5	221,400.00	Y		
HYGIENE		2014	Sea Box INC / East Riverton, NJ	C / CPAF	AFMC/WR-ALC	Sep 2014	Aug 2016	1	470,000.00	Y		
HYGIENE	✓	2014	Sea Box INC / East Riverton, NJ	C / CPAF	AFMC/WR-ALC	Sep 2014	Aug 2015	36	470,000.00	Y		
FEEDING	✓	2014	UNKNOWN / UNKNOWN	C / FFP	AFMC/WR-ALC	Jun 2014	Sep 2015	272	75,132.35	Y		
<b>Remarks:</b> Quantity/unit costs vary depending on types/configurations of equipment being procured.												
<b>Footnotes:</b>												
(3) EALS- Contract FA8533-10-D-0010. Awarded 5 August 2010 to Tactical Lighting System, Inc. Addison, IL. 2 year basic contract with 4 option years.												
(4) Reference footnote (3)												
(5) POWER GENERATION-Power Generators include FY12 OCO for 19 each and FY13 OCO for 3 each. Contract FA8533-09-D-0004. Awarded 21 September 2009 to Onan Corporation DBA: Cummins Power Generation Minneapolis, MN. 3 year basic contract with 7 option years.												
(6) Reference footnote (5)												
(7) REFRIGERATION-TriCold Refrigerators include FY13 OCO for 307 each. U.S. Army/Natik contract W58P05-11-D-0005 awarded 23 June 2011.												